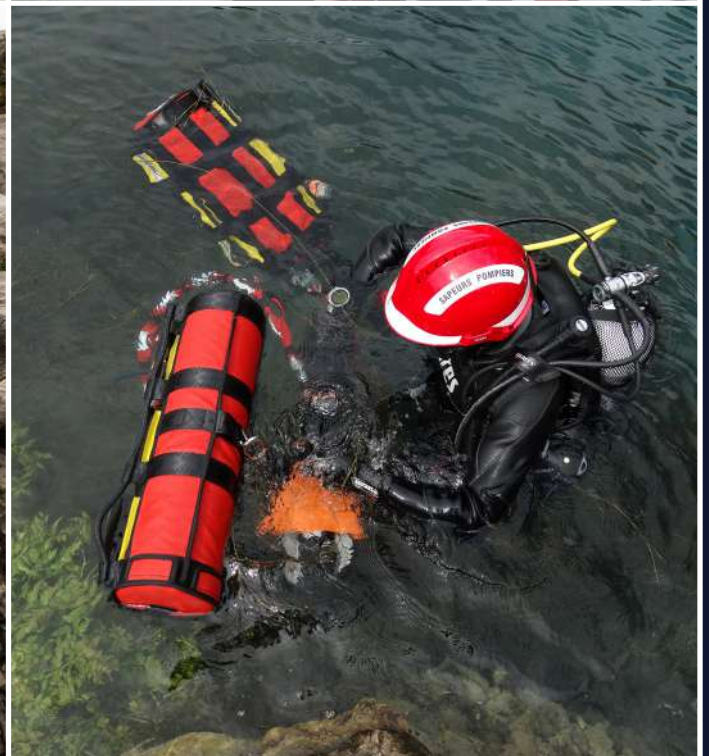
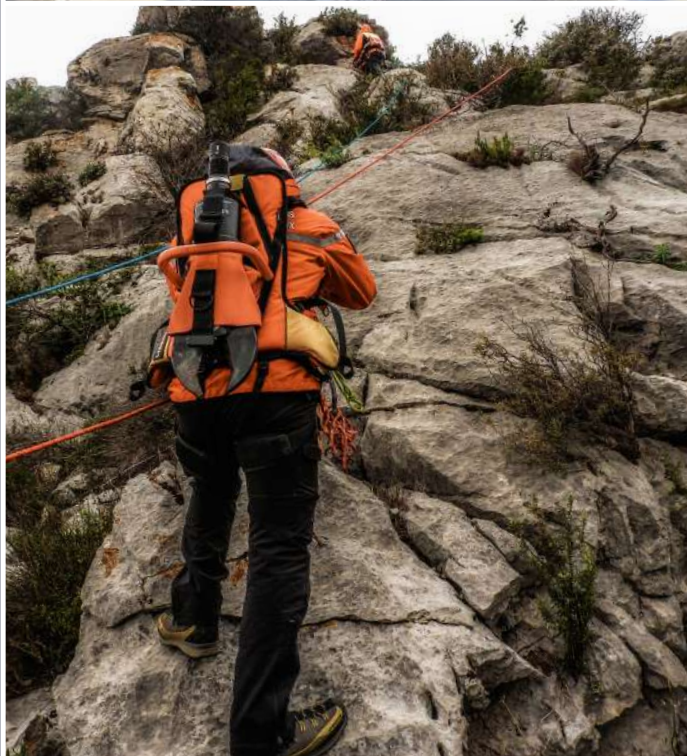
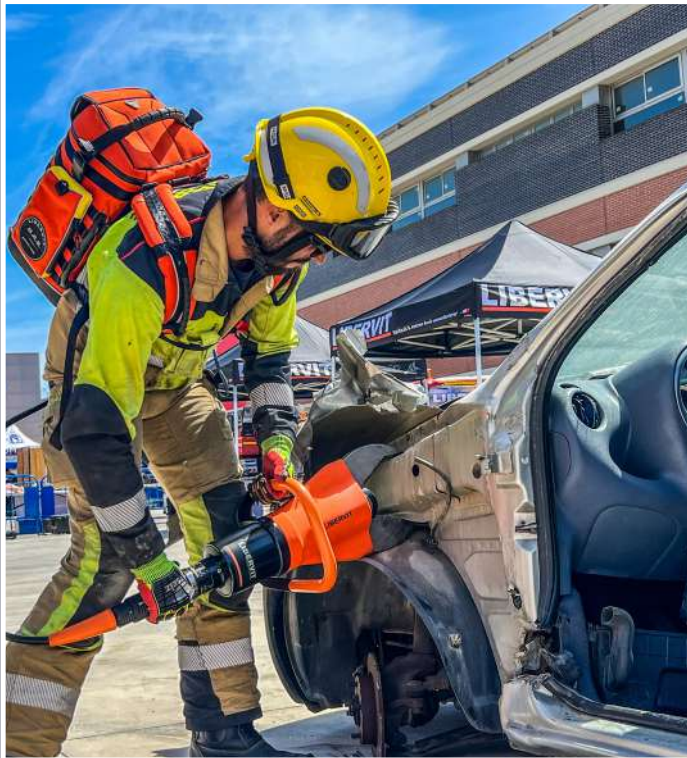


LIBERVIT

TACTICAL . RESCUE . MARITIME

FORCIBLE ENTRY



RESCUE IN DIFFICULT ACCESS AREAS

WATER RESCUE

EXTRICATION - SEARCH & RESCUE

1994 - 2024



Several thousands
of tools in use
in the world

LIBERVIT
ORANGeline

manual & hydraulic forcible
entry tools

LIBERVIT
ORANGeline

extrication
urban search & rescue tools

 **LIBERVIT**
maritime rescue

watery rescue tools

From a general point of view, even the most efficient equipment will not themselves be the solution to deal with all situations. They cannot guarantee the expected result, nor eliminate any risk for the rescuers.

As a manufacturer we OWE to ourselves and to the users to give priority to quality, reliability, performance, and innovations.

We will never be confronted to front-line situations, but you, on the other hand are facing them daily in France or elsewhere around the world and sometimes while using some of our tools.

It is at this very moment that our choice of components, raw materials to manufacture the tools that you are using, at this very moment, when you are about to save lives that the equipment must itself be failproof !

Internationally, France benefits from a strong reputation in the fields of security and victims' relief at the operational knowhow level as much as in the equipment manufacturing.

At LIBERVIT, we are experienced technicians, our professional ethic is unwavering and above all we know and respect those using our products and because of this close relationship we have considered their insights and suggestions in the making of our tools.

We pride ourselves in manufacturing French. All the labelled equipment that you had, have, or will have in your hands, are made in France with more than 90% of components and raw materials of French origin or from close European Union countries such as Germany, Norway and Italy.

Our 25 years in the design and manufacturing of hydraulic and mechanical tools with land and water applications for the Firefighters, the Army and Police Special Forces, our seriousness, our professionalism, and our never ended search for innovations has made us a key player within these professional environments.

LIBERVIT is represented in over 60 countries through our specialized Distributors network offering commercial advice, demos, maintenance and after sale service. All of the LIBERVIT team and myself are available to ensure that none of your question remains unanswered.

We wish you a pleasant read.



Yvan CARDONA, CEO

Quality & Reliability

Unless otherwise specified by us, our equipments are guaranteed for 3 years from the dispatch date*.

All our equipments comply with **CE** standard.

Our organization, from engineering to customers' service is ISO 9001 certified.

All our tools undergo rigorous test & control before shipment. It guarantees a high quality, life-long performance and complete reliability of our tools and equipment. The guarantee covers construction defects as well as material flaws noted by our services.

LIBERVIT will provide, for a minimum of 10 years after delivery, any of its tools' spare parts.

* with the exception of products not manufactured by LIBERVIT.



FORCIBLE ENTRY

12 - 43

manual entry tools

IMPACT7 - IMPACT14 - battering rams	14 - 15
IMPACT7/KIT - IMPACT14/KIT - tactical battering ram kits	16 - 17
MR14 - battering ram	18 - 19
IMPACT7 - IMPACT14 - MR14 - battering rams' accessoires	20 - 21
BS5 - BS3 - NBS1 - sledge hammers	24 - 25
CBT12 - CBT10 - bolt cutters	26 - 27
BAB - pickhead axe	28 - 29
TWB15 - telescopic window breacher	30 - 31
SINGLE HEAD / ACTION2 / NPB - pry bars	32 - 33
V90 - pry bar	34 - 35
forcible entry tools kits & transport backpacks	38 - 43
EBPNI - forcible entry nano tools kit	44 - 45

48 - 69

hydraulic power unit & manual pumps

B.A.S. superlight & B.A.S. optima - hydraulic power unit NEW	50 - 63
PML10 & PML30 - hydraulic manual pumps	64 - 67
LF2 - LF6 - LF10 - hydraulic hoses	68 - 69

70 - 113

hydraulic door openers

DP55 - DP55L - DP55HC - DP55LHCP - lightweight hydraulic door openers	72 - 73
DP71 - DP71P - DP71HC - DP71HCP - lightweight hydraulic door openers	76 - 77
HR7 - mid-range hydraulic door opener	80 - 87
VE70-L - high performance hydraulic door opener	90 - 97
EX100 - anti-panic doors hydraulic door opener	100 - 103
Multitool28 - multi-functions tool	106 - 111
laser & tape measures	112 - 113

114 - 127

entry hydraulic units

DP55 hydraulic units' selection	116 - 117
DP71 hydraulic units' selection	118 - 119
HR7 hydraulic units' selection	122 - 123
VE70-L hydraulic units' selection	124 - 125
EX100 hydraulic units' selection	126 - 127

128 - 137

training doors

TTdoor-S - wall's training door fixed to a wall	130 - 131
TTdoor - training door on base	132 - 133
STD - watertight training door NEW	134 - 135

EXTRICATION & RESCUE IN DIFFICULT ACCESS AREAS

138 - 161

hydraulic power unit & manual pumps

B.A.S. - B.A.S. superlight - hydraulic power units	142 - 153
CHT2 - petrol driven hydraulic power unit	154 - 155
PML10 & PML30 - hydraulic manual pumps	156 - 159
LF2 - LF6 - LF10 - hydraulic hoses	160 - 161

162 - 175	hydraulic cutters & spreaders	
	NC28 - LD2 - LD2C - BP2 - BP2C - U400 - hydraulic cutters	162 - 165
	LD2-G - LD2C-G - BP2-G - BP2C-G - U400-G - technical rescue hydraulic cutters NEW	166 - 169
	E300 - E500 - hydraulic spreaders	172 - 175
	E300-G - E500-G - technical rescue hydraulic spreaders NEW	176 - 179
182 - 199	hydraulic jacks & exothermic cutting unit	
	VT380.10/5 - VT500.10/5 - hydraulic telescopic jacks	182 - 185
	VT380.10-5-G - VT500.10-5-G - technical rescue hydraulic telescopic jacks NEW	186 - 189
	VSD130/1302 - hydraulic lifting unit	190 - 191
	LPI35 - mechanical lifting jack	192 - 193
	THERMIC POWER V2 - exothermic cutting unit NEW	196 - 199
200 - 209	urban search & rescue units' selection	
	LB30 - LB35 - LB40 - heavy-duty work units	202 - 205
	LCHT1 - LCHT2 - heavy-duty work units	206 - 209
210 - 211	protection covers	
	PROTECT 1 - PROTECT 2 - PROTECT 3 - vehicule extrication's protection covers	210 - 211
	GBV - vehicule glass rescue management kit	212 - 213
	GCO/200 - floor blanket	214 - 215
	ADVI - jack's right angle NEW	216 - 217
218 - 225	LIBERVIT maintenance tools	
	MANIO - air gun	218 - 219
	SGDF1 - fluid management system for LIBERVIT hydraulic manual pumps & power units NEW	220 - 221
	COMP/88 - air compressor	222 - 223
	ODM - maintenance tools	224 - 225

UNDERWATER EXTRICATION - SEARCH & RESCUE

226 - 275	LIBERVIT maritime rescue	
	introduction LIBERVIT maritime rescue	228 - 237
	underwater extrication, search & rescue units' selections	238 - 239
	underwater hydraulic power unit	240 - 243
	underwater hydraulic cutters sets	244 - 247
	underwater hydraulic spreaders sets	248 - 251
	underwater hydraulic telescopic jacks & extension	252 - 255
	OXsea - thermic cutting unit	256 - 259
	Tcage - training cage	262 - 263
	COMP/88 - air compressor & MANIO - air gun	264 - 265
	ODMM - maintenance tools for M38/63/64/65 units	266 - 267
	M/GC/200 - floor blanket	268 - 269
	DS80 - depth simulator	270 - 271
	LIBERVIT tools' use & maintenance training	272 - 275

Do you want to be able to quickly and safely open all kind of doors?

LIBERVIT, supplier for more than 25 years of the most famous Special Forces Police, Gendarmerie and Military units around the world, now gives you access to the widest range of forcible entry tools never produced by one manufacturer.

FORCIBLE ENTRY

MANUAL & HYDRAULIC TOOLS

Manual entry tools

for all situations that do not require the power of hydraulic tools.





battering rams



sledgehammers



pry bars



bolt-cutters



window-breachers



forcible entry tools kits

IMPACT7 - IMPACT14 battering rams

can be used to open doors and/or windows by one single operator.



IMPACT7 - IMPACT14



The IMPACT7 & the IMPACT14 battering rams are used to break, open doors or windows. Equipped with two solid handles the IMPACT7 & IMPACT14 offer precision and power. The front handle has a hand protection guard. The LIBERVIT battering ram range is a standard within our entry tools.

A backpack EBP-A has been designed to transport on your back a IMPACT7 or IMPACT14 battering ram, a sledgehammer, and a bolt cutter (forcible entry kits chapter).



grip handles



protection guard



removable protection cap

TECHNICAL CHARACTERISTICS

	ref. IMPACT7	ref. IMPACT14
battering ram	ref. IMPACT7	ref. IMPACT14
impact area	Ø 89 mm - 3.5 inch	Ø 89 mm - 3.5 inch
removable protection cap	qty 1, ref. CP/IMPACT7	qty 1, ref. CP/IMPACT14
grip handle	qty 2	qty 2
handles' type	solid with PVC protection	solid with PVC protection
handles' colour	orange	orange
protection guard	qty 1	qty 1
material	black powder coated steel	black powder coated steel
length	458 mm - 18 inch	530 mm - 20 inch
weight	8.3 kg - 18 lbs	14 kg - 30 lbs
impact plate	on option, ref. PP/IMPACT7	on option, ref. PP/IMPACT14
transport bag	on option, ref. ST/IMPACT7	on option, ref. ST/IMPACT14
transport bag' s strap	on option, ref. SP/IMPACT7	on option, ref. SP/IMPACT14

IMPACT7/KIT - IMPACT14/KIT battering rams kits

can be used to open doors and/or windows by one single operator.



IMPACT7/KIT - IMPACT14/KIT



The IMPACT7/KIT & IMPACT14/KIT battering ram kit are delivered with a PP/IMPACT7 & PP/IMPACT14 plate and transport bag. The plate is placed at the front of the ram and is removable. It is used to increase the impact surface and decrease the risk of going through some wooden or PVC doors. In place of the plate, a manually removable protection cap can be used.

Two solid handles offer precision and strength. The front handle has a protection guard.



IMPACT plate



removable protection cap



transport bag

KITS TECHNICAL CHARACTERISTICS

battering rams' kit	ref. IMPACT7/KIT includes :	ref. IMPACT14/KIT includes :
battering ram	ref. IMPACT7	ref. IMPACT14
impact area	Ø 89 mm - 3.5 inch	Ø 89 mm - 3.5 inch
removable protection cap	qty 1, ref. CP/IMPACT7	qty 1, ref. CP/IMPACT14
grip handle	qty 2	qty 2
handles' type	solid with grained PVC protection	solid with grained PVC protection
handles' colour	orange	orange
material	black powder coated steel	black powder coated steel
length	458 mm - 18 inch	530 mm - 20 inch
weight	8.3 kg - 18 lbs	14 kg - 30 lbs
delivered with impact plate	qty 1, ref. PP/IMPACT7	qty 1, ref. PP/IMPACT14
PP/IMPACT plate impact area	150 x 170 mm	150 x 170 mm
PP/IMPACT plate weight	2 kg - 2.5 lbs	2 kg - 2.5 lbs
delivered with transport bag	qty 1, ref. ST/IMPACT7	qty 1, ref. ST/IMPACT14

MR14 battering ram

can be used to open doors and/or windows by one single operator.



MR14



The MR14 battering ram is used to break open doors or windows. With two solid handles the MR14 offers precision and strength. To add safety the front handle is far from the impact area and has a hand protection guard. The LIBERVIT battering ram range is a standard within our entry tools.

A backpack EBP-A has been designed to transport on your back a MR14 battering ram, a sledgehammer, and a bolt cutter (Entry kits chapter).



protection guard



handles



Ø 100 mm- 4 inch impact area

TECHNICAL CHARACTERISTICS

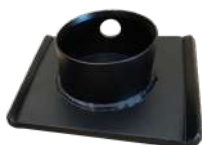
battering ram	ref. MR14
impact area	Ø 100 mm - 4 inch
grip handle	qty 2
handles' type	solid with grained PVC protection
handles' colour	orange
protection guard	yes
material	black powder coated steel
length	569 mm - 22 inch
weight	13.5 kg - 29.5 lbs
transport bag	on option, ref. ST/MR14
transport bag strap	on option, ref. SP/MR14

Battering rams' accessories

IMPACT7, IMPACT14 and MRI4's transport bags.
Transport straps to ease carriage.
IMPACT7 & IMPACT14 impact plates to increase
impact area.






BATTERING RAMS' ACCESSORIES



On option accessories are available for our LIBERVIT IMPACT7, IMPACT14 and MRI4 battering rams.

- MRI4, IMPACT7 & IMPACT14 transport bags. The IMPACT7 & IMPACT14 transport bags have an inside pocket to store the PP/IMPACT7 or PP/IMPACT14 plate. A strap fits on the bag and is used for the transport of the portage of the ram.
- transport straps: reduce the ram's weight and ease transportation.
- PP/IMPACT plate only for the IMPACT7 & IMPACT14 to increase the impact surface and decrease the risk of going through some wooden or PVC doors.

TECHNICAL CHARACTERISTICS

battering ram reference	IMPACT7	IMPACT14	MRI4
 battering ram's transport bag	ref. ST/IMPACT7	ref. ST/IMPACT14	ref. ST/MRI4
colours	black, orange, yellow & reflective strips		
 battering ram's transport strap	ref. SP/IMPACT7	ref. SP/IMPACT14	ref. SP/MRI4
colours	black & orange		
 IMPACT7 or IMPACT14 impact plate	ref. PP/IMPACT7	ref. PP/IMPACT14	none
material	black powder coated steel	black powder coated steel	
impact plate dimensions	150 x 170 x 60 mm 6 x 6.5 x 2.5 inch	150 x 170 x 60 mm 6 x 6.5 x 2.5 inch	
weight	2 kg - 4.5 lbs	2 kg - 4.5 lbs	





BS5 - BS3 - NBS1 sledge hammers

used to quickly gain entry.



BS5 - BS3 - NBS1



transport strap

The BS5, the BS3 and NBS1 sledgehammers are usually used to quickly gain entry. The grip handle answers the NF EN 60900 norms as it is insulating and can protect from up to 1000V in AC and up to 1500V in DC. The sledgehammers are made of steel.

A backpack EBP-A has been designed to transport on your back a BS3 or a BS5 sledgehammer, a battering ram, and a bolt cutter (Entry kits chapter).

A EBPN-A backpack has been designed to carry on the back a NBS1 small sledgehammer and a NBP small lever.



BS5, BS3 & NBS1 sledgehammers



electrical shocks' rubber protection handle



4 kg sledgehammer' s head

TECHNICAL CHARACTERISTICS

	ref. BS5	ref. BS3	ref. NBS1
sledgehammer	ref. BS5	ref. BS3	ref. NBS1
head weight	4 kg	4 kg	1 kg
protection handle	electrical shocks' protective coating	electrical shocks' protective coating	electrical shocks' protective coating
total length	850 mm - 3 ft	625 mm - 2 ft	305 mm - 1 ft
weight	6.6 kg - 14.5 lbs	6 kg - 13 lbs	1.7 kg - 3.7 lbs
transport strap	on option, ref. SP	on option, ref. SP/BS3	

CBT12 - CBT10 bolt cutters

to cut padlocks, fences, barbwire etc.



CBT12 - CBT10



transport strap

The CBT12 and CBT10 bolt-cutters are used to cut through padlocks, barbwire, fences. The electrical shocks' rubber protection, norms NF EN 69000, keeps you safe when cutting live objects up to 1000V in AC and up to 1500V in DC. A backpack EBP-A has been designed to transport on your back a CBT12 or a CBT10 bolt-cutter, a battering ram, and a sledgehammer (Entry kits chapter).



replaceable blades



electrical shocks' rubber protection handle



Ø 12 mm max cutting capacity

TECHNICAL CHARACTERISTICS

big size bolt-cutter	réf. CBT12
blades	replaceable
cutting capacity	Ø 12 mm - 0.5 inch max
arms	electrical shocks' protective coating
total length	770 mm - 2.5 ft
weight	3.9 kg - 8.5 lbs
transport strap	on option, ref. SP
small size bolt-cutter	ref. CBT10
blades	replaceable
cutting capacity	Ø 10 mm - 0.4 inch max
arms	electrical shocks' protective coating
total length	627 mm - 2 ft
weight	2.7 kg - 6 lbs
transport strap	on option, ref. SP

BA6 pickhead axe

to tear, cut, pierce through, make gaps..



BA6

transport strap

There is a real need for such a tool in breaching operations, excavation, and numerous other applications. The BA6 pickhead axe can tear, cut, pierce through, make gaps. Its blade is two-sided: one comes with an adze head and the other with a pickaxe. The electrical shocks' rubber protection, norms NF EN 69000, keeps you safe when cutting live objects up to 1000V in AC and up to 1500V in DC.



adze head - cutting side



electrical shocks' rubber protection handle



pickhead axe - perforating side

TECHNICAL CHARACTERISTICS

tactical axe	ref. BA6
blade length	230 mm - 9 inch
hardness	M310
steel type	stainless steel
blade type	adze head & pickaxe
blade	replaceable
handle	electrical shocks' protective coating
total length	750 mm - 2.5 ft
weight	3 kg - 7 lbs
blade & pickaxe head protection	on option, ref. HP/BA6
transport strap	on option, ref. SP

TWB15 telescopic window breacher

to break and pierce windows, shutters, metallic curtains.



TWB15

The TWB15 window breacher works great to remove the toughest windows, blinds and curtains. The telescopic rod is perfect for piercing, pulling, pushing and ripping out windows. Its telescopic handle reduces its size for transport and storage. Its 360° handle offers 4 locking points.



serrated cutting edge and spike



360° handle with 4 locking points



telescopic handle

TECHNICAL CHARACTERISTICS

Window breacher	ref. TWB15
Blade length	250 mm - 9 inch
hardness	M310
steel type	stainless steel
blade type	serrated cutting edge and spike
blade	replaceable
rod	telescopic
handle	360° handle with 4 locking points
retracted length	1200 mm - 4 ft
deployed length	1650 mm - 5.5 ft
weight	3.3 kg - 7 lbs

SINGLE HEAD - ACTION2 - NPB pry bars

spread partitions, walls and light-weight doors, rips out bolt locks and padlocks, raises metal shutters, to prepare a space on the door frame to place a hydraulic door opener, etc...



SINGLE HEAD - ACTION2 - NPB



transport strap

The SINGLE HEAD/ ACTION2/ NPB pry bars belong to the manual entry tools range. They spread partitions, walls and light-weight doors, rips apart bolt locks and padlocks, raises metal shutters, to prepare a space on the door frame to place a hydraulic door opener etc.

The SINGLE HEAD pry bar measures up to 960 mm and the ACTION2 pry bar up to 1050 mm. Their 180° indexable head offers a 14 locking positions for all type of access. The indexable head is made from high-resistance steel foundry covered in a black anti-corrosion coating.

At its other end the ACTION2 pry bar finishes as a crowbar to rip apart nails or be used as a lever.

The NPB pry bar, 360 mm long has a V-shape head with a hit point and 11 locking positions.



ACTION2 crowbar end



180° indexable head



NPB pry bar V-shape head

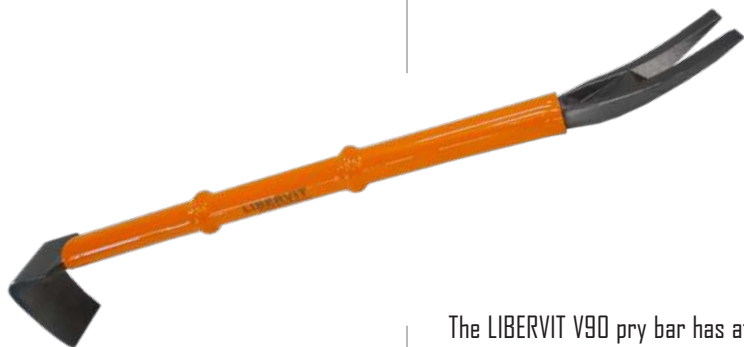
TECHNICAL CHARACTERISTICS

reference	SINGLE HEAD	ACTION 2	NPB
telescopic	yes	yes	no
material	black treated steel	black treated steel	black treated steel
retracted length	635 mm - 2 ft	730 mm - 2.4 ft	370 mm - 1.5 ft
deployed length	960 mm - 3 ft	1050 mm - 3.5 ft	
handle diameter	Ø 35 mm - Ø 1 inch	Ø 32 mm - Ø 1 inch	Ø 20 mm - Ø 0.7 inch
handle	PVC protection	PVC protection	electrical shocks' protective coating
dimensions	650 x 75 mm - 25 x 3 inch	730 x 95 mm - 29 x 4 inch	370 x 35 mm - 14 x 1 inch
weight	2.2 kg - 4.5 lbs	2.7 kg - 5.5 lbs	1 kg - 2.2 lbs
transport strap	on option, ref. SP/SH	on option, ref. SP	

V90 pry bar

spread partitions, walls and light-weight doors, rips apart bolt locks and padlocks, raises metal shutters, etc. it creates gaps to able hydraulic door-openers to fit in.



V90

transport strap

The LIBERVIT V90 pry bar has at one end a large, notched plate at a 90° angle from the handing arm and at the other end a crowbar.

The notched plate is made from high resistance treated steel, perfect to resist intense spreading efforts and has also a hit pad onto which a hammer or ram can be used to push the notched plate in dire places.

The crowbar end is used to rip apart nails, padlocks and create gaps for LIBERVIT hydraulic door-openers such as the DP55, DP71 or the FAST35.

For better hold the handle is coated with non-slip semi-rigid PVC.

A backpack rack has been designed to transport on your back a CBT10 or a CBT12 bolt-cutter, a sledgehammer & a V90 lever.



crowbar



hit pad



notched plate

TECHNICAL CHARACTERISTICS

pry bar	ref. V90
lever heads	90° notched plate and crowbar
material	high resistance treated steel
handle diametre	Ø 20 mm - Ø 0.7 inch
handle	PVC protection
handle colour	orange
length	711 mm - 28 inch
weight	2.5 kg - 5.4 lbs
engineered by	SET
transport strap	on option, ref. SP





Forcible entry tools kits & transport backpacks

these transport backpacks are made to carry
LIBERVIT forcible entry tools kit on the back.





BACKPACKS - EBP series

The EBP series backpacks have been designed to back carry 3 or 4 LIBERVIT manual tools. The tools are stowed on the backpack with the help of straps, quick-release buckles and Velcro.

The back is padded with a high density foam for comfort as well as adjustable padded shoulder straps, an abdominal belt and an adjustable chest strap for back support. To complete the backpack, a reinforced handle to carry by hand.

A removable protection sleeve to cover the whole equipment in extreme weather is available on option and can be stored in a zipped storage pocket on the backpack.

A small backpack ref. EBPNI is also available to carry the NSBI sledge hammer and a NPB pry bar.

TECHNICAL CHARACTERISTICS

forcible entry tools backpack	ref. EBP series (references differ with tools choice)
material	Cordura® advanced fabric (1100 Den)
colours	black, orange, yellow & reflective strips
zipped storage pocket	yes, to store the removable protection sleeve (on option)
reinforced handle	yes
adjustable straps	padded straps, abdominal belt, chest strap
backrest	rigid and padded
transport modes	on back, by hand
configuration	3 or 4 LIBERVIT manual tools to choose from (sledgehammer, bolt-cutters..)
EBP dimensions (3 tools)	600 x 500 mm
EBP dimensions (4 tools)	650 x 600 mm
weight empty	EBP-A: 1.8 kg - EBP-B: 1.5 kg - EBP-C: 1.6 kg - EBP-D: 1.5 kg - EBP-E: 1.8 kg EBP-F: 2.3 kg - EBP-G: 2.4 kg - EBP-H: 2.4 kg - EBP-I: 2.4 kg - EBP-J: 2.5 kg
removable protection sleeve	on option, ref. G (big sleeve) & ref. P (little sleeve), protection sleeve IP index : IP64

Transport backpacks



EBP-B



EBP-C



EBP-D



EBP-G



forcible entry tools
backpack



adjustable straps



protection sleeve storage
pocket



removable protection sleeve
(IP64) on option



Cordura® advanced fabric
(1100 Den)



straps with quick-release
buckles



Velcro® straps to stow
tools



rigid and padded backrest for
comfort



transport handle



adjustable strap

Forcible entry tools kits selection

LIBERVIT manual tools possible configurations on forcible entry kits backpack bags. Refer to the table below, non-exhaustive list. Special configurations on demand.

3 tools transport bags

entry kits reference	CBT10 bolt cutter	CBT12 bolt cutter	BS3 sledgehammer	BS5 sledgehammer	MR14 ram	IMPACT7 ram	IMPACT14 ram	SINGLE HEAD pry bar	ACTION2 pry bar	V90 pry bar	backpack bags	protection sleeve size
EBP1	■		■		■						EBP-A	P
EBP2		■		■	■						EBP-A	G
EBP3		■	■		■						EBP-A	G
EBP4	■			■	■						EBP-A	G
EBP5	■		■				■				EBP-C	P
EBP6	■		■					■			EBP-B	P
EBP7		■		■					■		EBP-B	G
EBP8	■		■						■		EBP-B	P
EBP9	■			■			■				EBP-C	G
EBP10		■		■			■				EBP-C	G
EBP11		■	■					■			EBP-B	G
EBP12		■		■				■			EBP-B	G
EBP13	■			■				■			EBP-B	G
EBP14		■					■		■		EBP-D	G
EBP15		■					■	■			EBP-D	G
EBP16	■						■	■			EBP-D	P
EBP17	■				■				■		EBP-E	P
EBP18	■				■			■			EBP-E	P
EBP19	■		■			■					EBP-C	P
EBP20		■		■		■					EBP-C	G
EBP21		■	■			■					EBP-C	G
EBP22	■			■		■					EBP-C	G
EBP23		■	■				■				EBP-C	G
EBP24	■			■					■		EBP-B	G
EBP25		■	■				■		■		EBP-B	G
EBP26	■						■		■		EBP-D	P
EBP27	■					■		■			EBP-D	P
EBP28		■				■			■		EBP-D	G
EBP29		■				■		■			EBP-D	G
EBP30	■					■			■		EBP-D	P
EBP31		■			■			■			EBP-E	G
EBP32		■			■				■		EBP-E	G
EBP49	■		■							■	EBP-G	P
EBP50	■			■						■	EBP-G	G
EBP51		■		■						■	EBP-G	G
EBP52	■				■					■	EBP-H	P
EBP53	■						■			■	EBP-H	P
EBP54		■	■							■	EBP-G	G

Non-exhaustive list. 4 LIBERVIT manual tools configuration possible.



EBP1



EBP2



EBP3



EBP4



EBP5



EBP6



EBP7



EBP8



EBP9



EBP10



EBP11



EBP12



EBP13



EBP14



EBP15



EBP16



EBP17



EBP18



EBP19



EBP20

EBPN1 - entry nano tools' kit

this small backpack has been designed to carry a NBSI sledge hammer and a NPB pry bar.



EBPN1 forcible entry nano tools kit

EBPN1



The EBPN1 forcible entry nano tools' backpack rack has been designed to carry a NBSI sledge hammer and a NPB pry bar. The tools are stowed on the backpack rack with the help of straps, quick-release buckles.

The back is padded with a high density foam for comfort and also with 4 female quick-release buckles to clip any kind of accessories supplied with a male quick-release buckles.

To transport the backpack rack, by hand with a reinforced handle or by shoulder with a removable strap with quick-release buckles (ref. SP/N). A removable protection sleeve to cover the whole equipment in extreme weather is available on option and can be store in a zipped storage pocket on the bottom backpack rack.

On option, adjustable and removable backpack shoulder straps with emergency quick-release buckles can be set on the back of the EBPN-A backpack rack.

TECHNICAL CHARACTERISTICS

forcible entry nano tools backpack rack	ref. EBPN1
includes :	
backpack rack empty	ref. EBPN-A
removable strap with quick-release buckles	ref. SP/N
sledge hammer	ref. NBSI
pry bar	ref. NPB
backpack rack material	Cordura® advanced fabric (1100 Den)
backpack rack available colours	black & orange with reflective strips
reinforced handle	yes
removable strap with quick-release buckles	yes, ref. SP/N
backrest	rigid and padded
zipped storage pocket	yes, compartment for the removable protection sleeve
transport modes	by hand, on shoulders
configuration	to set a NBSI sledge hammer & a NPB pry bar
EBPN-A dimensions	430 x 260 x 70 mm - 15 x 10 x 3 inch
EBPN-A weight empty	520 g - 1 lbs
EPBN1 weight fully equipped	2.9 kg - 6.5 lbs

removable protection sleeve	on option, ref. HP/EBPN-A, to store in the EBPN-A's zipped pocket, sleeve IP index : IP64
pair of backpack shoulder straps' emergency release buckles	on option, ref. EPGD, to set on the back of the EBPN-A backpack rack, removable and adjustable



LIBERVIT

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B.A.S. superlight & B.A.S. optima hydraulic power units

all our tools can be power supplied by our hydraulic power unit and manual pumps.





B.A.S. superlight: backpack carryable and connected hydraulic power unit



B.A.S. optima : backpack carryable and connected light hydraulic power unit



PML10 hydraulic manual pump



PML30 hydraulic manual pump

B.A.S. superlight & B.A.S. optima hydraulic power units

power supply the LIBERVIT hydraulic tools from the LIBERVIT ORANGEline range.



B.A.S. superlight & B.A.S. optima



Compact, light and silent the B.A.S. superlight as well as the B.A.S. optima hydraulic power units can supply LIBERVIT ORANGELine hydraulic tools. As for the B.A.S. optima hydraulic power unit, it supplies lightweight hydraulic door openers, the cutter NC28 & the jack VT380.

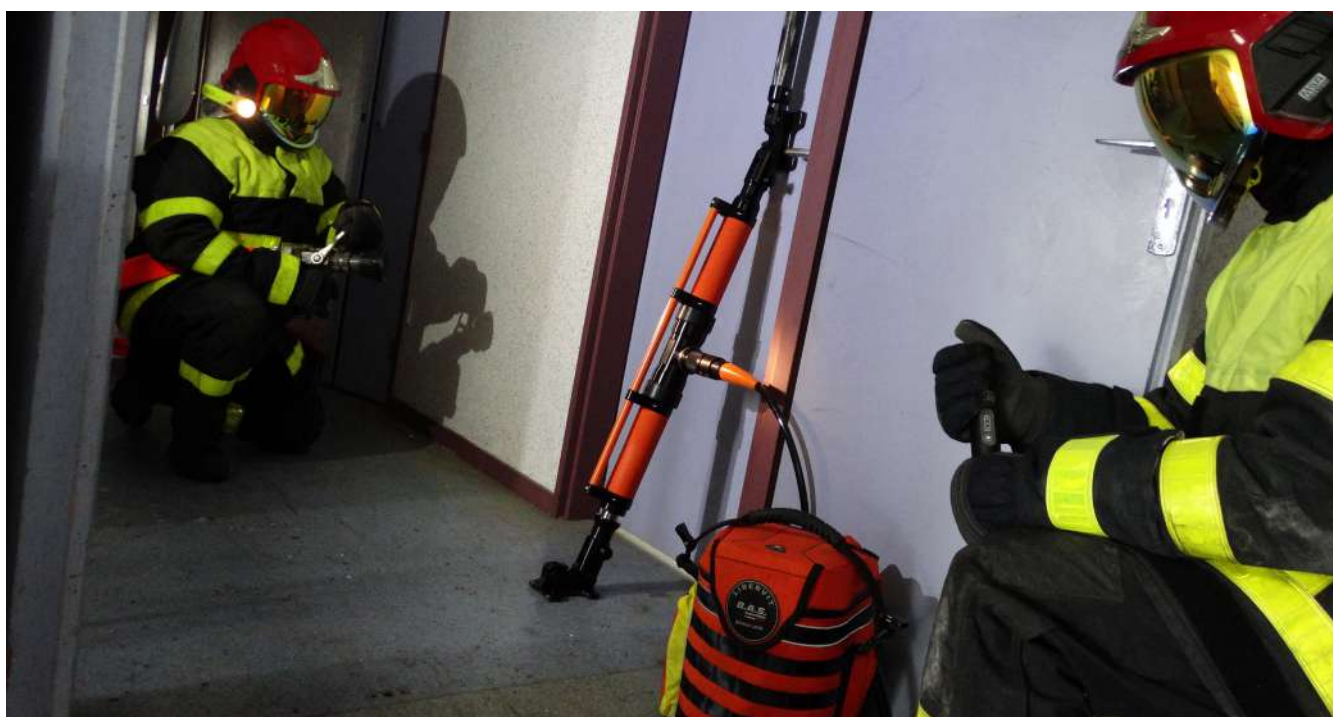
Backpack carryable, with a shoulder strap or by hand you will be able to evolve in areas difficult to access while keeping your hands available.

The hydraulic power units have an integrated 1.5 m hydraulic hose and a 48V lithium battery offering 2 hours of action tool.

Only, the B.A.S. superlight hydraulic power unit is supplied as standard with a manual radio remote control or wired convertible.

The LIBERVIT Connected app will allow you to diagnose your hydraulic power unit (available on Google Play & Huawei).

Features and accessories to discover on the following pages.



Hydraulic tools and hoses to use :



B.A.S. superlight



B.A.S. optima



all the hydraulic hoses



all the hydraulic hoses



all the spreaders



all the cutters



FAST35 spreader



NC28 cutter



all the telescopic jacks



EX100 door opener



VT380.10/5 jack



EX100 door opener



all the DP series door openers



all the DP71 series door openers



all the DP series door openers



all the DP71 series door openers





VE70-L high performance door opener



mid range HR7 door opener



The LIBERVIT connected application available on the  &  will enable you to diagnose your hydraulic power unit and will also indicate: the battery charge status, the number of charges / discharges already done, the oil level, the engine running status, the hand radio remote functioning (for the the B.A.S. or the B.A.S. superlight) as well as the battery charger, the tool's effort produced and many more useful information.

Languages available : French, English, Spanish, Chinese, German, and Thai.



With the T360^o technology developed by LIBERVIT, the hydraulic power units can be used and stored in all positions, while retaining all of its performance.



Removable and washable the hydraulic power unit' outer shell is made of multi-layered padded Cordura (1100 Den) and is IP64.

It is also fitted with water-repellent YKK[®] zippers as well as an anti-noise partitions.



Foldable a lifting ring at the back of the unit offers a 100% reliable anchor point to lift, air lift and hang.



A 1.5 meters hydraulic hose is permanently stored in a dedicated compartment, just open it to extract the hose. The compartment has 2 openings giving you the choice to extract it from left or right.



Shoulder strap's emergency release buckles system has been integrated to discard the hydraulic power unit when carried on the back.



48 dB : test performed at a distance of 5 m.



A dashboard protected by a removable flap provides access to the start-up switch as well as to the battery charge status indicator, the pairing mode for radio system, the Bluetooth search and the faulty oil level status.



To protect the battery and increase its autonomy we have fitted the B.A.S superlight and the B.A.S. optima hydraulic power unit with an auto-shutdown technology. The auto-shutdown kicks in after 4 hours of non-use.

The auto-shutdown can be disabled through the LIBERVIT app and it can be set to a 1 to 8 hours period.

B.A.S. superlight - hydraulic power unit



TECHNICAL CHARACTERISTICS

hydraulic power unit	ref. B.A.S. superlight
service pressure	300 bar
oil tank capacity	1.24 L - 42 fl oz
use, transport, storage	multi-position technology T360°
outer-shell	Cordura® soft shell (1100 Den), IP index : IP64
Molle system®	yes
closing	YKK® water-repellent zippers
reinforced bottom bag	yes, semi-rigid / high abrasion resistance
available colours	black, orange, yellow & reflective strips
carrying means	back / handheld / shoulder strap
shoulder and ventral straps	yes, ref. EPGD, with emergency release buckles
transport strap	yes, ref. BSL/B, removable
reinforced handle	yes, ref. BSL/P, removable
pockets	qty 1, removable, ref. PA1/BSL, left side removable pocket
lifting ring	yes, to lift, air-lift, lever, hang...
integrated hose	1.50 m - 5 ft
hydraulic hose casing	yes
decibels	48 dB*
power supply	48 Volts LIBERVIT rechargeable Lithium battery, ref. BI-ION48
battery autonomy	2 hours of tool action**
battery removal	manually
battery maximum charging time	35 min (100% charge)
battery charge indicator	yes, on the battery and on the power unit dashboard
auto-shutdown	yes, after 4 hours of non-activity (adjustable auto-shutdown that can be disabled)
LIBERVIT automatic battery charger	qty 1, ref. CB-ION48 (110V) or CB-ION48 (220V)
convertible hand remote control	qty 1, ref. cMrf, with Molle® system sleeve
power supply cord	length 3 m - 10 ft
hand radio remote range	30 m - 99 ft
complete diagnosis	LIBERVIT Connected free App on Google Play and Huawei store (Bluetooth disabled)
dimensions	395 x 290 x 250 mm - 15.5 x 11.5 x 10 inch
weight	11 kg - 24 lbs***

* test done at a 5 m distance

** test done at a 150 bar average pressure

*** ready to use without portage means

ACCESSORIES - ON OPTION

interactive radio remote wristband	on option, ref. BRI
cross body shoulder strap	on option, ref. BAS/EPM
peripherals transport bag	on option, ref. STP/BSL
extreme conditions sleeve	on option, ref. HCE/BSL
extra removable pocket	on option, right side (R) : ref. PA2/BSL
spare lithium battery	on option, ref. BI-ION48
magnetic kit	on option, ref. KM/BSL
hook kit	on option, ref. KC/BSL
peripherals transport bag	on option, ref. STP/BSL for handle, shoulder strap, straps, battery charger, hand radio remote
carrying harness for lightweight door opener	on option, ref. H/BSL/SNIP

On option, the B.A.S. superlight hydraulic power unit, its charger and radio remote control can be packed in a solid case.

PELICASE® & Peli Storm® transport case ref. VDT/BSL	
available colours	black (1610)
telescopic handle	yes
wheels	yes
dimensions	630 x 510 x 300 mm - 25 x 20 x 12 inch
weight empty	9.9 kg - 22 lbs
case loaded	23.5 kg - 52 lbs

B.A.S. optima - hydraulic power unit



TECHNICAL CHARACTERISTICS

hydraulic power unit	ref. B.A.S. optima
service pressure	300 bar
oil tank capacity	0.57 L - 20 fl oz
use, transport, storage	multi-position technology T360°
outer-shell	Cordura® soft shell (1100 Den), IP index : IP64
Molle system®	yes
closing	YKK® water-repellent zippers
reinforced bottom bag	yes, semi-rigid / high abrasion resistance
available colours	black, orange, yellow & reflective strips
carrying means	back / handheld / shoulder strap
shoulder and ventral straps	yes, ref. EPGD, with emergency release buckles
transport strap	yes, ref. BSL/B, removable
reinforced handle	yes, ref. BSL/P, removable
lifting ring	yes, to lift, air-lift and hang it...
integrated hose	1.50 m - 5 ft
hydraulic hose casing	yes
decibels	48 dB*
power supply	48 Volts LIBERVIT rechargeable Lithium battery, ref. BI-ION48-OP
battery autonomy	2 hours of tool action**
battery removal	manually
battery maximum charging time	35 min (100% charge)
battery charge indicator	yes, on the power unit dashboard
auto-shutdown	yes, after 4 hours of non-activity (adjustable auto-shutdown that can be disabled)
LIBERVIT automatic battery charger	qty 1, ref. CB-ION48 (110V) or CB-ION48 (220V)
complete diagnosis	LIBERVIT Connected free App on Google Play and Huawei store (Bluetooth disabled)
dimensions	325 x 280 x 230 mm - 13 x 11 x 9 inch
weight	9.4 kg - 21 lbs***

* test done at a 5 m distance

** test done at a 150 bar average pressure

*** ready to use without portage means

ACCESSORIES - ON OPTION

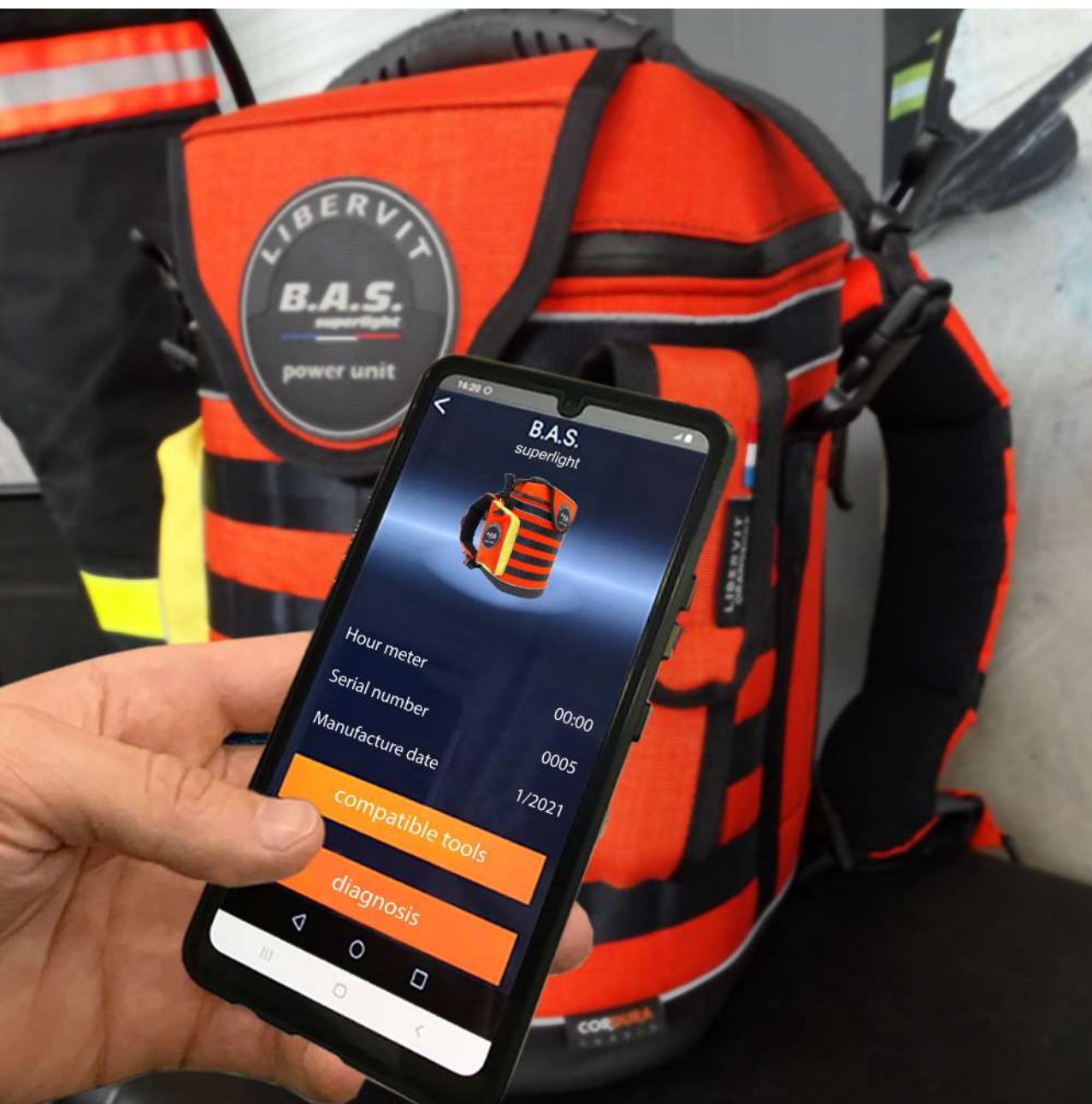
interactive radio remote wristband	on option, ref. BRI
cross body shoulder strap	on option, ref. BAS/EPM
peripherals transport bag	on option, ref. STP/BSL
extreme conditions sleeve	on option, ref. HCE/BOP
spare removable pocket	on option, left side (L) : ref. PA1/BSL or right side (R) : ref. PA2/BSL
spare lithium battery	on option, ref. BI-ION48-OP
magnetic kit	on option, ref. KM/BSL
hook kit	on option, ref. KC/BSL
peripherals transport bag	on option, ref. STP/BSL for handle, shoulder strap, straps, battery charger, hand radio remote
carrying harness for lightweight door opener	on option, ref. H/BSL/SNIP

On option, the B.A.S. optima hydraulic power unit can be packed in a PELICASE® transport case.

PELICASE® & Peli Storm® transport case	ref. VDT/BOPTIMA
available colours	black (1610)
telescopic handle	yes
wheels	yes
dimensions	630 x 510 x 300 mm - 25 x 20 x 12 inch
weight empty	9.9 kg - 22 lbs
case loaded	21.4 kg - 47 lbs

LIBERVIT Connected

complete hydraulic power unit diagnosis via the app LIBERVIT Connected.



LIBERVIT Connected

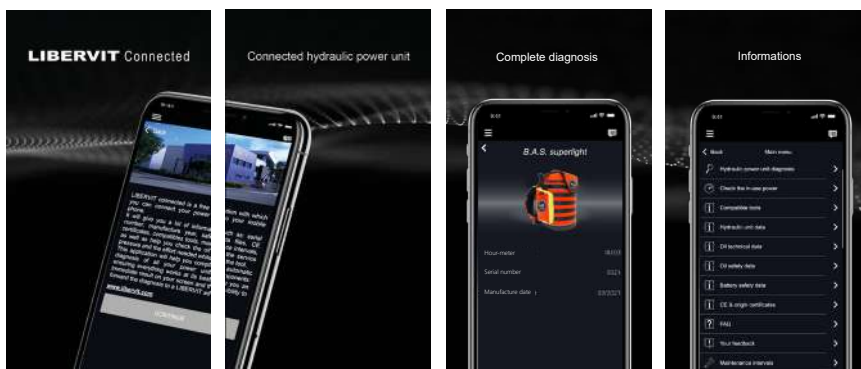


To ease as much as possible our units' preventive maintenance, the B.A.S., the B.A.S. superlight and the B.A.S. optima hydraulic power units are delivered in series with a receiving and transmitting data system that all users can access on their smart phone to perform a complete diagnosis of their equipment. The Application LIBERVIT connected can be downloaded from the Google or Huawei store.
 Languages available : French, English, Spanish, Chinese, German and Thai.

- The diagnostic indicates:
- The battery charge status
- The hydraulic oil level
- The engine condition
- The hydraulic pressure
- The radio remotes condition
- The battery charger condition
- The tool's effort (in use with the unit)
- And much more

You will be able to send an email directly from your phone to our technical department with the diagnosis. Our technicians will be able to read the data and act accordingly if a maintenance or repair is needed and help you if it is possible through our Hotline.

 > AFTER SALES SERVICE : aftersales@libervit.com







LIBERVIT
B.A.S.
superlight
power unit

CORPORA

Hydraulic power unit's accessories

we offer several accessories available as an option when purchasing the B.A.S. superlight & the B.A.S. optima hydraulic power units.





INTERACTIVE RADIO REMOTE WRISTBAND

ref. BRI

The interactive radio remote wristband activates the LIBERVIT hydraulic power unit from a distance, the tool's effort in action in real time is also visible on the screen.

Its waterproof (IP64) touch screen indicates the radio signal, the battery level (10h autonomy in use), the date and time. The wristband also benefits from a red LED (added light – ON or OFF) and a USB-C port to charge it. You can check whether the auto-shutdown is activated or not. Activate or disable the auto-shutdown from the LIBERVIT Connected App.



CROSS BODY SHOULDER STRAP

Ref. BAS/EPM

The cross body shoulder strap fits on the hydraulic power unit in place of the shoulder straps with safety buckle for quick ejection and a securing harness for light door openers.



LEFT OR RIGHT SIDE REMOVABLE POCKETS

Ref: PAI/BSL (left side) or PAZ/BSL (right side)

Left or right spare side removable pockets to fit on the hydraulic power unit body.



PERIPHERALS TRANSPORT BAG

Ref: STP/BSL

The hydraulic power unit peripherals can be protected and stored in a transport bag: handle, shoulder straps, strap, battery charger, hand radio remote control and an extra battery.



MAGNETIC KIT

Ref: KM/BSL

With the magnetic kit you can free yourself from the hydraulic power unit weight and place it against any metallic surface.



HOOK KIT

Ref: KC/BSL

To hang the hydraulic power unit when it cannot be left on the floor.



EXTREME CONDITION SLEEVE

Ref: HCE/BSL

It will protect your hydraulic power unit from extreme weather conditions such as heavy rain, sandstorm, etc delivered in a pouch adaptable on the molle system or by carabiner.



CARRYING HARNESS FOR LIGHTWEIGHT DOOR OPENER

ref. H/BSL/SNIP or ref. H/BOP/SNIP

The carrying harness clips on the top of the hydraulic power unit and allows the transport of the different lightweight door opener from the range LIBERVIT, You will be able to evolve in hard-to-reach areas while keeping your hands available.



PELICASE® TRANSPORT CASE for the hydraulic power units B.A.S., B.A.S. superlight & B.A.S. optima

ref. VDT/BAS, ref. VDT/BSL, ref. VLD/BOPTIMA

The hydraulic power unit, its battery charger and the hand radio remote control (for the B.A.S. & B.A.S. superlight) can be packed in a waterproof case. The transport case is fitted with a high density black foam in which an imprint of the tool has been made to keep it secure during transport or storage. We use the PELICASE® brand for its quality and reliability. Our cases have wheels and a foldable handle.

BRI - interactive radio remote wristband

on option, the interactive radio remote wristband activates the B.A.S. superlight or the B.A.S. optima hydraulic power unit from a distance.





BRI



The BRI interactive radio remote wristband activates the B.A.S.superlight or the B.A.S. optima hydraulic power unit from a distance (maximum range: 30 m). the tool's effort in action in real time is also visible on the screen.

Its waterproof (IP64) touch screen indicates the radio signal, the BRI battery level and the hydraulic power unit battery level (10h autonomy in use), the effort of the tool in real time in % when the "ACTION" button is activated, the date and time, but also the auto-shutdown is activated or not.

A USB-C - USB-A port allows you to recharge the lithium battery of the BRI interactive remote control. The wristband also benefits from a red LED (added light - ON or OFF).

HYDRAULIC POWER UNIT'S ACCESSORY - ON OPTION

interactive radio remote wristband	ref. BRI
radio communication	works with a LIBERVIT hydraulic power unit connected
radio range	30 m - 99 ft
screen	LCD
2 level screen brightness	high brightness/ low brightness
screen background color	black
text display color	LIBERVIT BLACKline range : light grey LIBERVIT DEFENSE range : olive green LIBERVIT ORANGeline range : orange
4 boutons	1 green, 1 red and 2 black
button functions	· green : Power on/off · red : "ACTION" - activates the hydraulic power unit connected · black (right side) : BRI's parameters · black(bottom) : LED ON/OFF
indications provided on the screen	radio signal level (connexion with the hydraulic power unit) real-time tool effort in % when the "ACTION" button is activated BRI's battery level level of the connected hydraulic power unit battery hours / date ASD (Unit Auto-shutdown) activated / disabled
battery	LiPo 3.7 V - rechargeable lithium battery
autonomy	10h
maximal charging time	8 hours for 100% charge
battery charger	qty 1, USB-C to USB-A port to charge the BRI, 1 m - 3 ft cable, ref. KR/BRI
waterproofness	IP64
removable wristband	350 mm - 14 inch, adjustable strap with Velcro
BRI wristband	removable from the bracelet
BRI's quick coupler	yes, magnetic locking and unlocking system (red strap)
BRI's dimensions	95 x 85 x 50 mm - 4 x 3.5 x 2 inch
total weight	279 g - 10 oz

PML10 - PML30 – hydraulic manual pumps

the hydraulic manual pump is often used for special situations.



PML10 - PML30



The PML10 & the PML30 hydraulic manual pumps power supply all of the LIBERVIT tools of the LIBERVIT ORANGeline range.

The PML30 hydraulic manual pump also offers the possibility to deploy two tools one after the other.

The use of the hydraulic manual pumps is often for special situations such as: explosive atmosphere, complete silent required, narrow space, etc.

Thanks to a watertight tank they can be used or store in any position. They benefit from a fast approach discharge and a second discharge for the work phase.

A LIBERVIT hydraulic hose is needed to connect the hydraulic manual pumps to the tools.

On option, the PML10 and PML30 hydraulic manual pumps can be packed in a PELICASE transport case or on a soft back-rack or in a transport sleeve.



PML10 hydraulic manual pump

TECHNICAL CHARACTERISTICS



hydraulic manual pump	PML10
body material	black powder coated aluminium
colours available	dark grey or olive green
service pressure	300 bar
oil tank capacity	1.7 litres - 60 fl oz
integrated manometer	yes
manometer protection grid	included, ref. TM665
fast discharge	yes, two stages pump
molette fonctions	PUMP ou RELEASE fonctions
oil level viewport	yes
oil filler plug	tank draining or filling
dimensions	450 x 160 x 200 mm - 18 x 6 x 8 inch
weight	9.2 kg - 20 lbs
protection cap	included

ACCESSORIES - ON OPTION



hydraulic hose	ref. LF2	ref. LFG	ref. LF10
dimensions	2 m	6 m	10 m
compatible with all LIBERVIT tools	yes		
hydraulic hose support	yes, ref. SLF, removable, standard clips attachment, 85 g		
weight	LF2 : 1.2 kg - LFG : 2.4 kg - LF10 : 3.5 kg		



transport sleeve	ref. ST/PML10
fabric	black, orange, yellow and reflective strips in coated nylon
shoulder strap	qty 2, L 1.25 m - 40 inch
hose's attachment	yes
dimensions	350 x 250 mm - 14 x 10 inch
weight	300 g - 10.5 oz



soft backpack rack	ref. CLS/PML10
material	Cordura® nylon fabric
colours	black, orange, yellow and reflective strips
hydraulic hose compartment	yes
removable protection sleeve	yes, zipped storage pocket
adjustable straps	padded straps, abdominal belt, chest strap
dimensions	600 x 500 mm - 23 x 20 inch
weight empty	1.84 kg - 4 lbs



PML10's PELICASE® transport case	ref. VDT/PML10 (BLACKline)
colours	black
dimensions	559 x 351 x 229 mm - 22 x 14 x 9 inch
weight	6 kg - 13 lbs



PML30 hydraulic manual pump

TECHNICAL CHARACTERISTICS



hydraulic manual pump	PML30
body material	black powder coated aluminium
colours available	dark grey or olive green
service pressure	300 bar
oil tank capacity	2.4 litres - 85 fl oz
integrated manometer	yes
manometer protection grid	included, ref. TM665
fast discharge	yes, two stages pump
molette fonctions	PUMP ou RELEASE fonctions
oil level viewport	yes
oil filler plug	tank draining or filling
dimensions	630 x 160 x 200 mm - 25 x 6 x 8 inch
weight	10.6 kg - 23 lbs
protection cap	included

ACCESSORIES - ON OPTION



hydraulic hose	ref. LF2	ref. LF6	ref. LF10
dimensions	2 m	6 m	10 m
compatible with all LIBERVIT tools	yes		
hydraulic hose support	yes, ref. SLF, removable, standard clips attachment, 85 g		
weight	LF2 : 1.2 kg - LF6 : 2.4 kg - LF10 : 3.5 kg		



transport sleeve	ref. ST/PML30
fabric	black, orange, yellow and reflective strips in coated nylon
shoulder strap	qty 2, L 1.25 m - 40 inch
hose's attachment	yes
dimensions	350 x 250 mm - 14 x 10 inch
weight	300 g - 10.5 oz



soft backpack rack	ref. CLS/PML10
material	Cordura® nylon fabric
colours	black, orange, yellow and reflective strips
hydraulic hose compartment	yes
removable protection sleeve	yes, zipped storage pocket
adjustable straps	padded straps, abdominal belt, chest strap
dimensions	600 x 500 mm - 23 x 20 inch
weight empty	1.84 kg - 4 lbs



PML10's PELICASE® transport case	ref. VDT/PML10 (BLACKline)
colours	black
dimensions	559 x 351 x 229 mm - 22 x 14 x 9 inch
weight	6 kg - 13 lbs



LF2 - LF6 - LF10 hydraulic hoses

hydraulic hoses can power supply all the LIBERVIT
ORANGeline hydraulic tools.





LF2 - LF6 - LF10

The LF2 - LF6 - LF10 hydraulic hoses can power supply all the LIBERVIT ORANGEline hydraulic tools. These hoses benefit from the patented "Hydrolec II" technology allowing both the HYDRAULIC & the ELECTRICAL in a single connection.

A removable SLF hydraulic hose support with ventral transport is delivered as standard with a hydraulic hose.

Two hydraulic hoses can be connected together to have a longer one.

e.g: two LF2 (2m each) will give a 4 m length.

Each hydraulic hose is delivered filled with oil and ready to use.



connection to a B.A.S., B.A.S. superlight or a B.A.S. optima hydraulic power unit



protection caps, ref. BF & BM



"Hydrolec II" technology



can operate with a PML30 or a PML10 hydraulic manual pump

TECHNICAL CHARACTERISTICS

	ref. LF2	ref. LF6	ref. LF10
hydraulic hose			
length	2 m - 6.5 ft	6 m - 20 ft	10 m - 33 ft
weight	1.2 kg - 2.5 lbs	2.4 kg - 5 lbs	3.5 kg - 11 lbs
compatible	with all LIBERVIT hydraulic tools		
colours	black		
hydraulic hose support	yes, ref. SLF, removable, standard clips attachment, 85 g		
hose support dimensions	28 x 13.5 x 1.5 cm - 11 x 5 x 0.5 inch		
hose support weight	85 g - 3 oz		
hydraulic coupling protection cap	on option, ref. BF & BM		
protection on coupling	female & male coupling (LIBERVIT hydraulic tools)		
BF's dimensions	Ø 59 mm x 36 mm - Ø 2.5 inch x 1.5 inch		
BM's dimensions	Ø 52 mm x H 63 mm - Ø 2 x H 2.5 inch		
weight	BF : 70 g - 2.5 oz - BM : 140 g - 5 oz		

Hydraulic door-openers

Ensures the opening of inward and outward opening doors safely and quickly.





light hydraulic door-openers



anti-panic hydraulic door-opener



mid-range hydraulic door-opener



entry hydraulic units



high performance hydraulic door opener



fast hydraulic spreader with controlled action

OP55 - OP55L - OP55HC - OP55LHCP light hydraulic door openers

ensure quick and safe opening of inward opening non-armoured doors, gates, shutters, sliding curtains and also outward by acting as a spreader. The handle with a contactor to action the door-opener offers a good hand hold.



OP55 - OP55L - OP55HC - OP55LHCP



OP55

OP55L

OP55HC

OP55LHCP



transport harness
on B.A.S. optima &
B.A.S. superlight

The OP55, OP55L, OP55HC & OP55LHCP hydraulic door openers ensure quick and safe opening of inward opening doors, gates, shutters, sliding curtains and also outward by acting as a spreader during a break-in mission.

With the OP55 or OP55L, a handle with a contactor to action the door-opener offers a good hand hold. For the OP55HC & OP55LHCP, they have a service handle that activates the hydraulic door opener.

For the tool to work, it must be connected to a LIBERVIT hydraulic power unit or a hydraulic manual pump*.

The OP55, OP55L, OP55HC & OP55LHCP are delivered in a transport bag.

A transport harness (ref. H/DP55/SNIP) allows the hand carrying of a light door opener but also to be clipped on the buckles at the front of the shoulder straps of a LIBERVIT hydraulic power unit allowing you to move in areas difficult to access while keeping hands available (accessory optional).

They can also be delivered on option in a PELICASE® transport case.

(*used with a hydraulic manual pump, the OP55 or OP55L door openers will not retract automatically.)

TECHNICAL CHARACTERISTICS

lightweight hydraulic jack	ref. OP55	ref. OP55L	ref. OP55HC	ref. OP55LHCP
jack thrust	6 tons	6 tons	6 tons	6 tons
jack's stroke	143 mm - 6 inch	220 mm - 9 inch	143 mm - 6 inch	220 mm - 9 inch
handle grip	yes with contactor	yes with contactor	service handle	service handle
dimensions	325 x 112 x 240 mm 13 x 4.5 x 9.5 inch	403 x 112 x 240 mm 16 x 4.5 x 9.5 inch	446 x 112 x 113 mm 17.5 x 4.5 x 4.5 inch	523 x 112 x 224 mm 20.5 x 4.5 x 8.8 inch
weight	4.8 kg - 10.5 lbs	5.8 kg - 13 lbs	5.7 kg - 12.5 lbs	6.6 kg - 14.5 lbs
transport bag	ref. ST/OP55	ref. ST/OP55L	ref. ST/OP55HC	ref. ST/OP55LHCP

ACCESSORIES ON OPTION :

PELICASE® transport case	ref.VDT/OP55 (I450)	ref.VDT/OP55L (I500)	ref.VDT/OP55HC (I550EU)	ref.VDT/OP55LHCP (I550EU)
dimensions	407 x 330 x 175 mm	470 x 357 x 176 mm	524 x 429 x 206 mm	524 x 429 x 206 mm
empty case weight	3 kg - 6 lbs	3.5 kg - 8 lbs	5.5 kg - 12 lbs	5.5 kg - 12 lbs

hydraulic coupling protection cap	ref. BF
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transport bag's strap	ref. SP/OP55 (to clip on the transport bag)
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transport harness	ref. H/DP55/SNIP
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transport harness





OP71P - OP71 - OP71HCP - OP71HC light hydraulic door openers

ensure the opening of inward and outward opening doors, gates, shutters, sliding curtains safely and quickly as well as some ships' waterproof doors.



OP71P - OP71 - OP71HCP - OP71HC



OP71P

OP71

OP71HCP

OP71HC



transport harness
on B.A.S. optima &
B.A.S. superlight

The OP71P, OP71, OP71HCP and OP71HC hydraulic door openers ensure quick and safe opening of inward opening doors, gates, shutters, sliding curtains and also outward by acting as a spreader.

For the tool to work, it must be connected to a LIBERVIT hydraulic power unit or a hydraulic manual pump*.

The OP71P, OP71, OP71HCP or OP71HC are delivered in a transport bag.

A transport harness (ref. H/OP71/SNIP) allows the hand carrying of a light door opener but also to be clipped on the buckles at the front of the shoulder straps of a LIBERVIT hydraulic power unit allowing you to move in areas difficult to access while keeping hands available (accessory optional).

They can also be delivered on option in a PELICASE® transport case.

(*used with a hydraulic manual pump, the OP71, OP71P or OP71HC door openers will not retract automatically.)

TECHNICAL CHARACTERISTICS

light hydraulic door-opener	ref. OP71	ref. OP71P	ref. OP71HC	ref. OP71HCP
1st stage thrust	7.2 tons	7.2 tons	7.2 tons	7.2 tons
2nd stage thrust	2.8 tons	2.8 tons	2.8 tons	2.8 tons
jack's stroke	262 mm - 10 inch	262 mm - 10 inch	262 mm - 10 inch	262 mm - 10 inch
1st stage's stroke	151.5 mm - 6 inch	151.5 mm - 6 inch	151.5 mm - 6 inch	151.5 mm - 6 inch
2nd stage's stroke	110.5 mm - 4.5 inch	110.5 mm - 4.5 inch	110.5 mm - 4.5 inch	110.5 mm - 4.5 inch
handle grip	no	90°indexable, 3 positions	service handle	service handle & 90°indexable, 3 positions
dimensions	365 x 140 x 120 mm 14 x 5.5 x 5 inch	365 x 260 x 120 mm 14 x 5.5 x 5 inch	462 x 140 x 120 mm 19 x 5.5 x 4.5 inch	462 x 260 x 120 mm 19 x 10.5 x 5 inch
weight	6 kg - 13 lbs	6.2 kg - 13.5 lbs	6.6 kg - 14.5 lbs	7.2 kg - 16 lbs
transport bag	ref. ST/OP71	ref. ST/OP71P	ref. ST/OP71HC	ref. ST/OP71HCP

ACCESSORIES ON OPTION :

PELICASE® transport case (black colour)	ref. VDT/OP71 or VDT/OP71P (1500)	ref. VDT/OP71HC or VDT/OP71HCP (1550)
dimensions	470 x 357 x 176 mm	524 x 429 x 206 mm
empty case weight	3.5 kg - 8 lbs	5.5 kg - 12 lbs

hydraulic coupling protection cap	ref. BF
transport bag's strap	ref. SP/OP71 (to clip on the transport bag)
transport harness	ref. H/OP71/SNIP



transport harness





HR7- mid-range hydraulic door-opener

designed to open PVC, wooden or metal doors,
single or multi-locks opening inward.



HR7



Designed to open PVC, wooden or metal doors, single or multi-locks opening inward, the HR7 hydraulic jack is placed horizontally between the door's vertical frames. A handle on the jack gives a better grip. It has an exclusive telescopic rod system with a "Extend" quick-lock and it can be adjusted in length to reduce installation time in front of the door.

A removable magnetic plate on the pushing jack will allow you to have a larger impact area to breach the door.

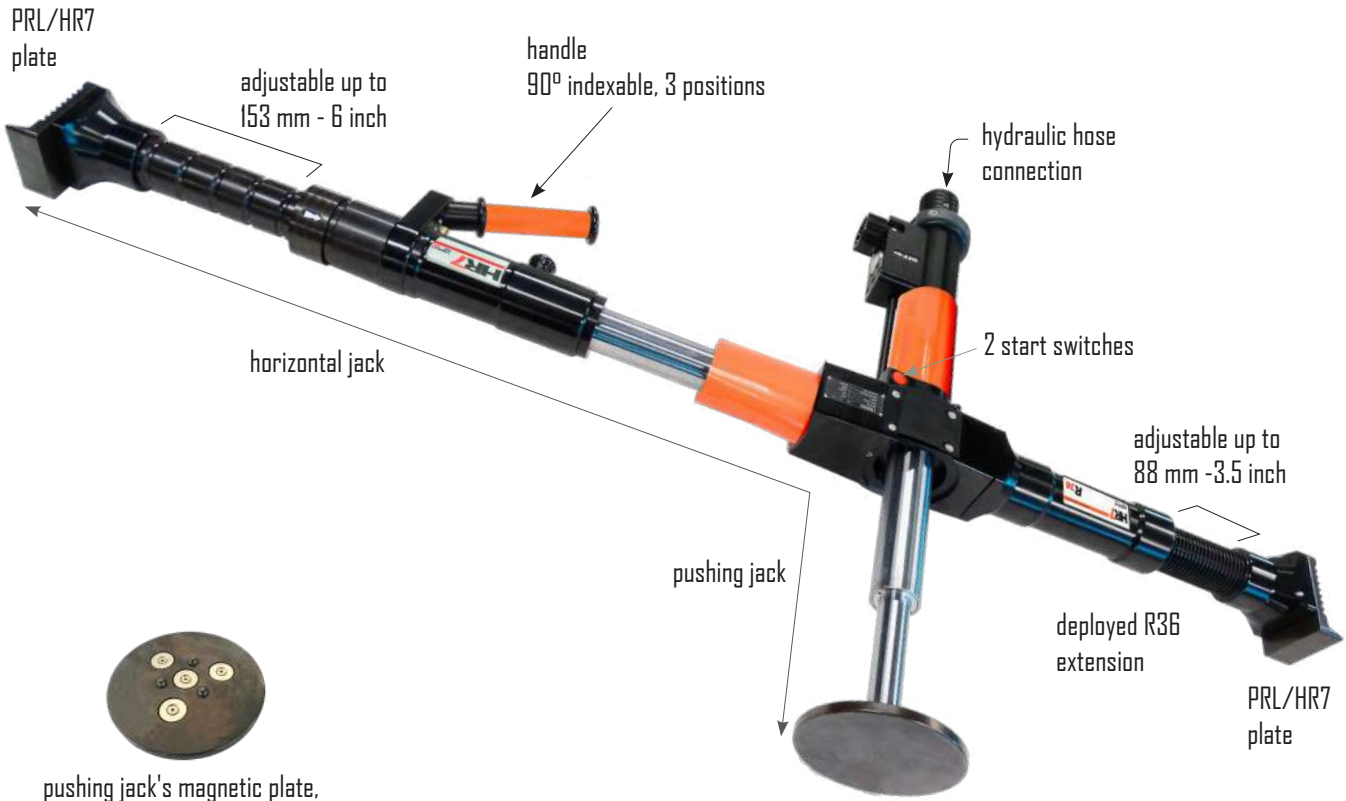
For power supply, the HR7 jack requires either one of the LIBERVIT hydraulic power units or a LIBERVIT manual pump. Two control switches on the tool activate the HR7 jacks.



HR7- mid-range hydraulic door-opener

TECHNICAL CHARACTERISTICS

mid-range hydraulic door opener	ref. HR7 includes :
horizontal jack's thrust	5.7 tons
retracted horizontal jack total length	670 mm - 26 inch
deployed horizontal jack total length	785 mm - 31 inch
horizontal jack stroke deployed maximal length	115 mm - 4.5 inch
horizontal jack's stroke extension	adjustable up to 153 mm - 6 inch
horizontal jack extension's system	by unlocking the mobile ring
horizontal jack & its extension deployed total length	937.6 mm - 37 inch
horizontal jack, its extension & R36 extension deployed total length	1292 mm - 4.2 ft
pushing jack 1st stage thrust	7.2 tons
pushing jack 2nd stage thrust	2.8 tons
pushing jack 1st stage stroke	175 mm - 7 inch
pushing jack 2nd stage stroke	113 mm - 4.5 inch
total pushing jack stroke	288 mm - 11 inch
horizontal jack handle	yes, 90° indexable, 3 positions
start switches	yes, qty 2
colours	black, orange & reflective parts
dimensions	670 x 470 x 100 mm - 26.5 x 18.5 x 4 inch
door-opener and plate pair weight PP/HR7	13.9 kg - 30.7 lbs
delivered with a pushing jack's magnetic plate	ref. PAA/HR7 , qty 1, removable, 4 strong magnets
dimensions	Ø 135 mm x 10 mm
weight	1.13 kg - 2.5 lbs
delivered with 3 pairs of plates	yes, removable, ref. PP/HR7 , ref. PR/HR7 , ref. PRL/HR7
PP/HR7 plate dimensions	74.7 x 72 x 33.5 mm - 3 x 2.5 x 1.2 inch
weight of 1 base plate	520 g - 1.15 lbs
PR/HR7 plate dimensions (with hook)	74.7 x 72 x 51.13 mm - 3 x 2.5 x 2 inch
weight of 1 base plate	580 g - 1.28 lbs
PRL/HR7 plate dimensions (large with hook)	74.7 x 92 x 51.13 mm - 3 x 3.5 x 2 inch
weight of 1 base plate	700 g - 1.54 lbs
delivered with 2 extensions	yes, qty x2, removable, ref. HR40
extension length	40 mm - 1.5 inch
dimensions	75 x 70 x 60 mm - 3 x 2.5 x 2 inch
poids	540 gr - 19 oz
delivered with extension	yes, removable, ref. R36
length HR7 retracted with extension	268 mm - 10.5 inch
length HR7 deployed with extension	356 mm - 14 inch
R36 extension	adjustable up to 88 mm - 3.5 inch
extension system	by screwing
dimensions	292 x 72 x 74.5 mm - 11.4 x 2.8 x 3 inch
weight	1.6 kg - 3.5 lbs
delivered with retractable tape measure	yes, ref. L3M
tape length	3 m - 10 ft
tape width	16 mm - 0.5 inch
magnetic	yes
self-locking	yes
dimensions	70 x 60 x 30 mm - 3 x 2.5 x 1 inch
weight	11 g - 0.5 oz
delivered in PELICASE® & Peli Storm® transport case	ref. VDT/HR7
colour	black (1610)
silica gel cartridge	qty 1, used to prevent humidity
dimensions	628 x 498 x 303 mm - 25 x 20 x 12 inch
weight empty	10.4 kg - 23 lbs
weight loaded	29.7 kg - 65.5 lbs



×2 plates, ref. PP/HR7



×2 plates, ref. PR/HR7



×2 plates, ref. PRL/HR7



x2 HR40 extensions



R36 extension



L3M tape measure



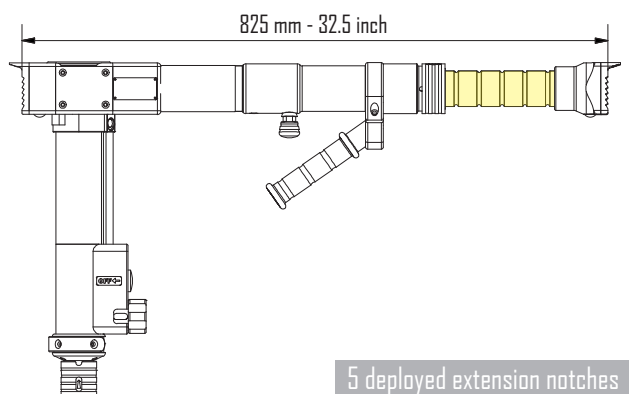
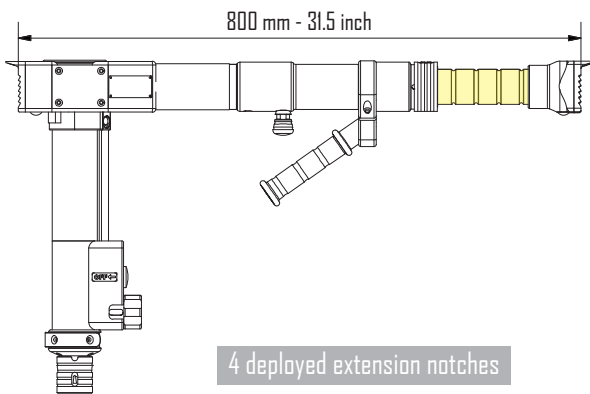
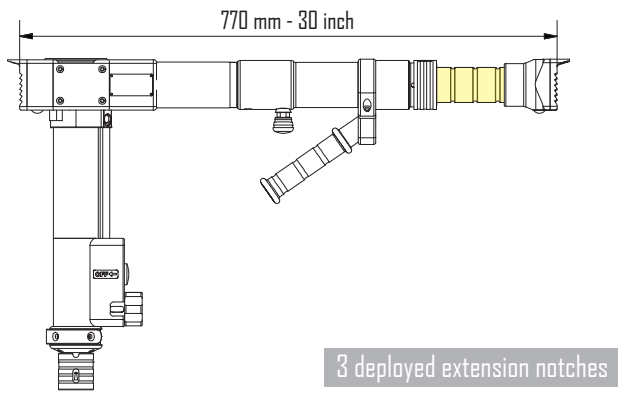
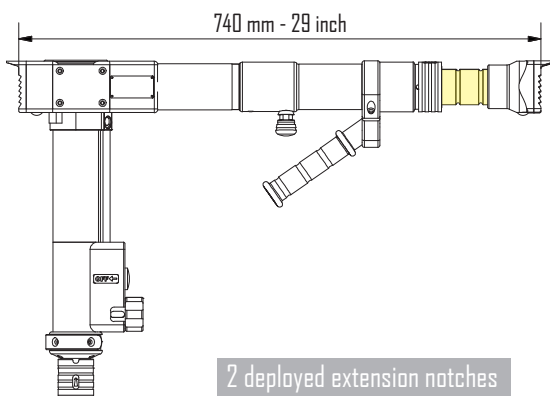
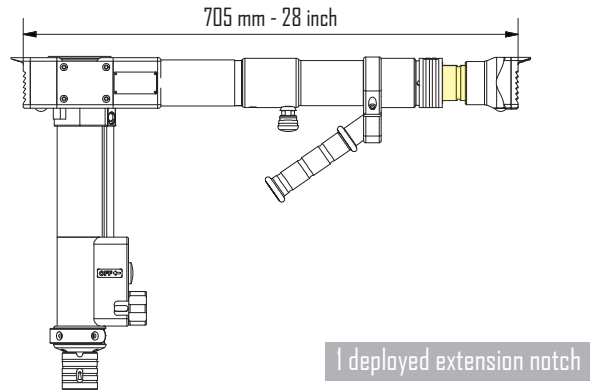
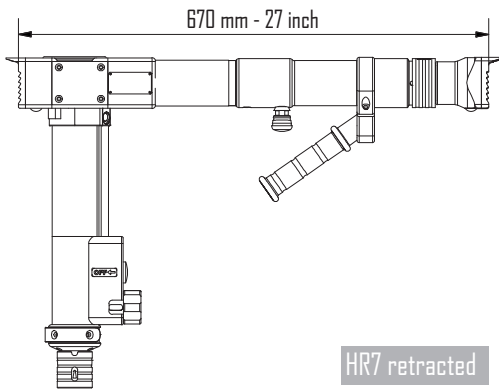
silica gel cartridge
(used to prevent humidity)

PAA/HR7
pushing jack's magnetic plate



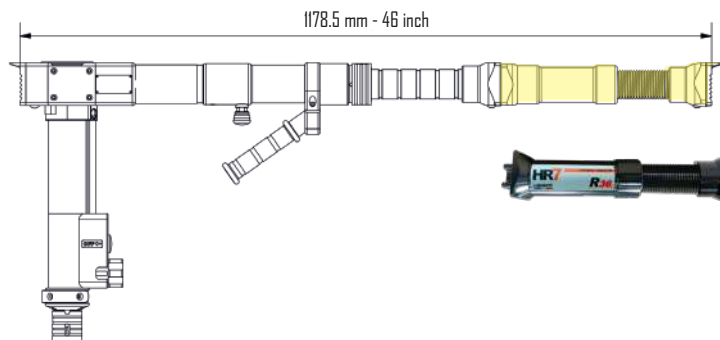
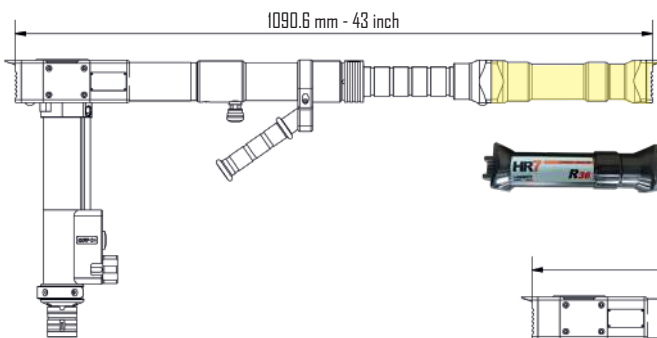
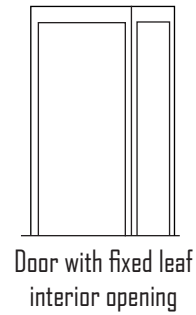
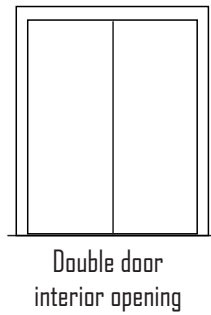
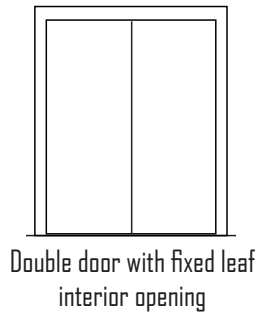
PELICASE® transport case, ref. VDT/HR7

HR7 different positions' dimensions

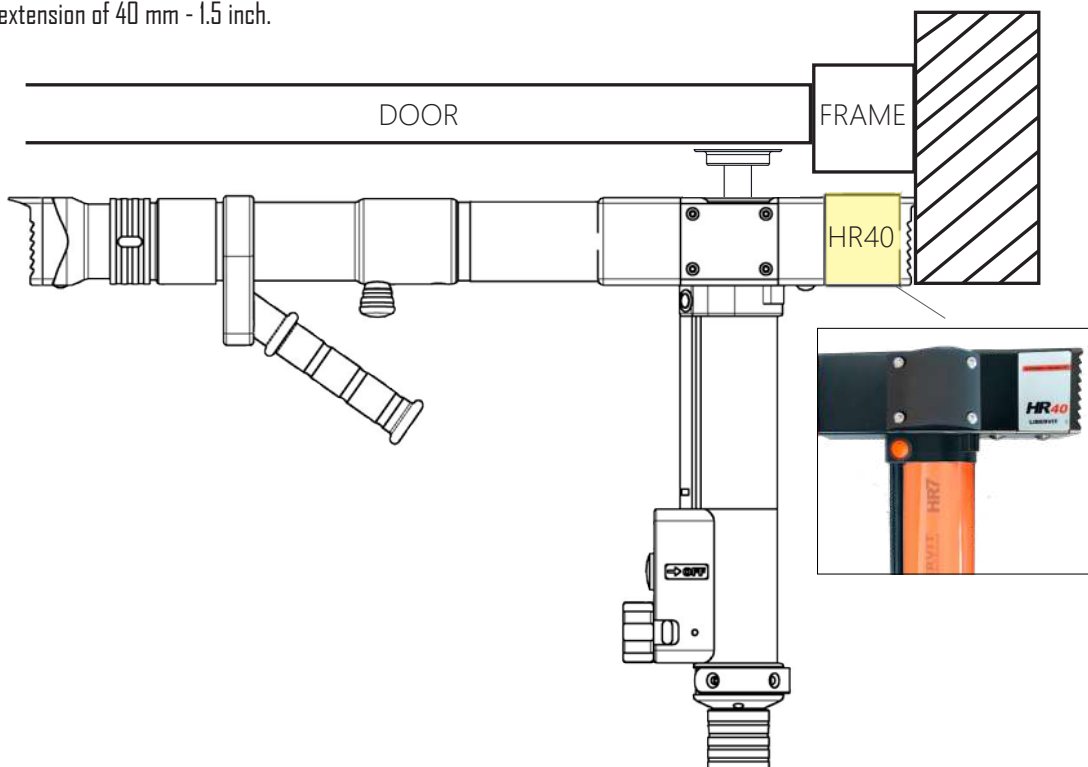


R36 & HR40 extensions' positioning

The use of the R36 extension is reserved to a 2 or 3-panel double door. The installation of the R36 extension must ONLY be MOUNTED AT THE HORIZONTAL JACK EXTENSION SIDE.



The HR40 extension can be used to shift the push point on the door. The HR40 extension is placed on the side of the PUSHING JACK of the HR7 and allows an extension of 40 mm - 1.5 inch.



HR7 accessories - H/HR7 - transport harness

HR7's transport harness	ref. H/HR7
removable	yes
attachments	on HR7 with velcro straps
straps attachments	yes, qty 2, standard emergency release buckles
hooks	yes, qty 2
rubber handle	yes
dimensions	260 x 210 x 80 mm - 10 x 8 x 3 inch
weight	90 g - 3 oz



This harness is to set on the HR7's body to help the operator to hold the door opener during long distances. It can be attached on the shoulder straps' hydraulic power unit during transport.

HR7 accessories - BF - protection caps



on option, a protection hydraulic coupling cap, ref. BF

protection cap	ref. BF
colour	black
dimensions	Ø 59 mm x 36 mm - Ø 2.5 inch x 1.5 inch
weight	70 g - 2.5 oz

The protection cap BF (female) protects your HR7 hydraulic door opener coupling from shocks and dust. When buying the HR7 the protection cap is an option.

HR7 accessories - PX/HR7 extensions

kit HR7 extensions	ref. PX/HR7
delivered in transport case	yes, ref VDT/PXHR7, case PELICASE
extensions included	ref. HR40 (x2), HR150, HR200
silica gel cartridge	qty 1, used to prevent humidity
case dimension	407 x 330 x 175 mm - 16 x 13 x 7 inch
weight empty	3 kg - 6.6 lbs
weight loaded	6.7 kg - 15 lbs



extensions	yes, qty x2, ref. HR40
extension length	40 mm - 1.5 inch
dimensions	75 x 70 x 60 mm - 3 x 2.5 x 2 inch
poids	540 gr - 19 oz



extension	yes, qty 1, ref. HR150
material	black anodized aluminium
dimensions	180 x 72 x 74.7 mm - 7 x 3 x 3 inch
weight	1.1 kg - 2.4 lbs



extension	yes, qty 1, ref. HR200
material	black anodized aluminium
dimensions	230 x 72 x 74.7 mm - 9 x 3 x 3 inch
weight	1.3 kg - 2.8 lbs



The 2x HR40, HR150 and HR200 manually removable extensions are delivered in a PELICASE filled with high density foam into which an imprint of the extensions. is made. It provides a perfect fit for the transport or storage. The HR7 and its extension will work on almost all doors. The extensions are on option when buying the HR7 door-opener.

HR7 accessories - CLS/HR7 transport soft backpack rack

HR7 soft backpack rack	ref. CLS/HR7
available colours	black, orange, yellow & reflective strips
material harness	Cordura® soft shell (1100 Den)
removable protection sleeve	yes, protection sleeve storage zip pocket
protection level with protection sleeve	IP64
reinforced handle	yes
carrying means	back / handheld
dimensions	595 x 435 x 125 mm - 23 x 17 x 5 inch
weight empty	4.2 kg - 9 lbs
weight fully equipped	23 kg - 51 lbs



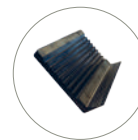
The HR7 is delivered in a PELICASE transport case but it can be replaced by a soft backpack rack on demand. The HR7 transport backpack rack is designed to allow the HR7 jack to be carried on the back or by hand. The LIBERVIT soft backpack rack is padded with a high density foam for comfort as well as adjustable shoulder straps, an abdominal belt and an adjustable chest strap for back support. On option, a removable waterproof protective sleeve will cover all the equipment in extreme conditions.

HR7 accessories - PLKIT/ HR7- HR7 plates for PVC doors

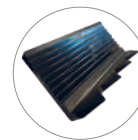
kit PVC doors plates	ref. PLKIT/HR7
delivered in PELICASE transport case	yes, ref VDT/PLKIT
plates included	ref. PRL125/HR7, PRL180/HR7, PRL300/HR7
silica gel cartridge	qty 1, used to prevent humidity
case dimensions	470 x 357 x 176 mm - 18.5 x 14 x 7 inch
weight empty	3.2 kg - 6.5 lbs
weight loaded	13.4 kg - 28 lbs



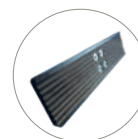
plates	ref. PRL125/HR7
dimensions	90 x 125 x 60 mm - 3.5 x 5 x 2.5 inch
plate weight	1.1 Kg - 2.6 lbs
quantity	2 plates



plates	PRL180/HR7
dimensions	90 x 180 x 70 mm - 3 x 7 x 2 inch
plate weight	1.6 kg - 3.5 lbs
quantity	2 plates



plates	ref. PRL300/HR7
dimensions	70 x 300 x 40 mm - 2 x 12 x 2 inch
plate weight	2.05 kg - 4.5 lbs
quantity	2 plates



The special PVC doors plates are manually removable and are packed in a PELICASE. The PRL125/HR7 anti-slip with hook plate is placed between the door and the door frame to guarantee an extra grip for the jack while pushing. The PRL180/HR7 and the PRL300/HR7 have the same function with different dimensions. The PRL300/HR7 is mainly used with doors framed by decoration mouldings. The PLKIT/HR7 is an option when buying a HR7 hydraulic door-opener.





LIBERVIT

OFF ←

LIBERVIT
ORANGEline

VE70-L- high performance hydraulic door-opener

the VE70-L hydraulic door-opener opens heavy-armoured, inward-opening, multi-locks, wooden, PVC, metal doors or outward-opening metal doors when equipped with the optionT.



VE70-L



The VE70-L hydraulic door-opener opens heavy-armoured, inward-opening, multi-locks, wooden, PVC, metal doors. Safe, quick and easy to use, a heavy-armoured door can be opened in less than 20 seconds.

On the VE70-L hydraulic jack, the upper bearing plate is fitted with a manually removable plate.

The doors' opening is done progressively, without impact and in optimal safety whichever mode chosen: remote controlled in case of backdraft and flashover or by actioning the control switch on the tool.

(*tool not self-sufficient needs to be used with a LIBERVIT hydraulic power unit or manual pump)



VE70-L high performance jack

TECHNICAL CHARACTERISTICS

high performance hydraulic jack	ref. VE70-L
thrust	7.1 tons
hydraulic jack stroke	522 mm - 20.5 inch
hydraulic jack retracted	1130 mm - 44.5 inch
hydraulic jack deployed	1652 mm - 65 inch
upper support length	880 mm - 35 inch
deployed upper support length	1010 mm - 40 inch
upper support extension	130 mm - 5 inch
transport handle	yes
upper support plate	yes (removable)
door & ground base plate's crampons	yes (removable)
door base plate's SIG anti-noise sole	yes (removable)
VE70-L dimensions	1130 x 300 x 135 mm - 45 x 12 x 5 inch
VE70-L weight	16 kg - 35 lbs



VE70-L high performance jack



removable upper support plate

carbon upper support

transport handles



door base plate with crampons



extension up to 130 mm - 5 inch

locking button

hydraulic jack

hose coupling

service handle



ground base plate with crampons



jack's service handle instructions symbols

VE70-L/KIT

high performance door-opener & accessories

TECHNICAL CHARACTERISTICS

VE70-L hydraulic jack set	ref. VE70-L/KIT
high performance hydraulic door-opener	ref. VE70-L
thrust	71 kN
hydraulic jack stroke	522 mm - 20.5 inch
hydraulic jack retracted	1130 mm - 44.5 inch
hydraulic jack deployed	1652 mm - 65 inch
upper support length	880 mm - 35 inch
deployed upper support length	1010 mm - 40 inch
upper support extension	130 mm - 5 inch
transport handle	yes
upper support plate	yes (removable)
door & ground base plate's crampons	yes (removable)
door base plate's SIG anti-noise sole	yes (removable)
VE70-L dimensions	1130 x 300 x 135 mm - 45 x 12 x 5 inch
VE70-L weight	16 kg - 35 lbs
150 mm extension	ref. R150
length	L 150 mm - 6 inch
weight	1 kg - 2 lbs
300 mm extension	ref. R300
length	300 mm - 12 inch
weight	1.8 kg - 4 lbs
450 mm extension	ref. R450
length	450 mm - 18 inch
weight	2.5 kg - 5.5 lbs
delivered in PELICASE® & Peli Storm® transport case	ref. VDT2
available colours	black (1750)
silica gel cartridge	qty 1, used to prevent humidity
case dimensions	1350 x 405 x 155 mm - 53 x 16 x 6 inch
weight empty	11 kg - 24 lbs
case weight loaded	32 kg - 70.5 lbs



in the transport case
a silica gel cartridge
(used to prevent humidity)

VE70-L/KIT high performance door-opener & accessories



VE70-L hydraulic jack door opener

extension ref. R150



extension ref. R300



extension ref. R450



VDT2 PELICASE® transport case

VE70-L high performance door-opener's accessories

ACCESSORIES - ON OPTION



R150 extension	ref. R150, L 150 mm - 6 inch - weight : 1 kg - 2 lbs
R300 extension	ref. R300, L 300 mm - 12 inch - weight : 1.8 kg - 4 lbs
R450 extension	ref. R450, L 450 mm - 18 inch - weight : 2.5 kg - 5.5 lbs



SGS1 small base plate	ref. SGS1
anti-slip crampons	qty 6
dimensions	300 x 300 x 8 mm - 12 x 12 x 0.5 inch
weight	6.4 kg - 14 lbs



SGS2 large base plate	ref. SGS2
anti-slip crampons	qty 6
dimensions	450 x 450 x 8 mm - 18 x 18 x 0.5 inch
weight	13.5 kg - 30 lbs



ASC/594 short upper support	ref. ASC/594
size difference	126 mm - 5 inch shorter than VE70-L upper support
material	carbon fiber
dimensions	749 x 131 x 55 mm - 29.5 x 5 x 2 inch
weight	3.2 kg - 7 lbs
VE70-L jack adaptable	from July 2010



KIT/ASO accessories in PELICASE®	ref. KIT/ASO
includes:	
short upper support	ref. ASC/594
flange axis	ref. VE70-L/EU-019
short plate	ref. SGS1
anti-slip hooked bearing plate	ref. OMEGA
PELICASE® transport case	ref. VDT/ASO (1620)
silica gel cartridge	qty 1, used to prevent humidity
case dimensions	969 x 406 x 155 mm - 38 x 16 x 6 inch
weight empty	7.9 kg - 4 lbs



PRL300 extra-large anti-slip base plate	ref. PRL300
adaptable on the VE70-L upper support	yes, with the VHR70 adaptor
dimensions	70 x 300 x 40 mm - 3.2 x 2.9 x 2.8 inch
weight	2.05 kg - 4.5 lbs



VHR70 - HR7's base plate adaptor for VE70-L	ref. VHR70
material	black powder coated aluminium alloy
adaptable on VE70-L jack	from June 2010
dimensions	83.5 x 74.7 x 72 mm - 3.2 x 2.9 x 2.8 inch
weight	422 g - 15 oz



OMEGA anti-slip hooked bearing plate	ref. OMEGA
dimensions	70 x 75 x 64 mm - 2.7 x 3 x 2.5 inch
weight	765 g - 1.6 lbs
VE70-L jack adaptable	from July 2010

VE70-L high performance door opener's accessories - on option



optionT bearing point for outward opening metal doors

reference	optionT
hit pad	yes
dimensions	284 x 120 mm - 11 x 5 inch
weight	3.2 kg - 7 lbs
VE70-L jack adaptable	from July 2010
delivered in solid transport case	yes



THORN perforating spur

reference	ref. THORN
dimensions	149 x 120 x 103 mm - 6 x 5 x 4 inch
weight	1.8 kg - 4 lbs
VE70-L jack adaptable	from July 2010
delivered in solid transport case	yes



VE70-L/C anti-slip crampons

reference	ref. VE70-L/C
crampon dimensions	Ø 148 x 22 mm - Ø 6 x 0.5 inch
crampon weight	9 g - 0.3 oz
circlips & crampons	qty 4 per bag



jack's hydraulic coupling protection cap

reference	ref. BF
colour	black or dark grey or olive green
material	textured soft PVC with metal core
protection on coupling	female coupling (LIBERVIT hydraulic tools)
dimensions	Ø 59 mm x 36 mm - Ø 2.5 inch x 1.5 inch
weight	70 g - 2.5 oz



sharpening station

reference	ref. TOURET/VE70/EU-015
turntable supply voltage	220 Volts
grinding wheel dimensions	Ø 150 x 20 x 32 mm - Ø 6 x 0.8 x 1.5 inch
station dimension	410 x 330 x 275 mm - 16 x 13 x 11 inch
weight	10 kg - 22 lbs



transport bag

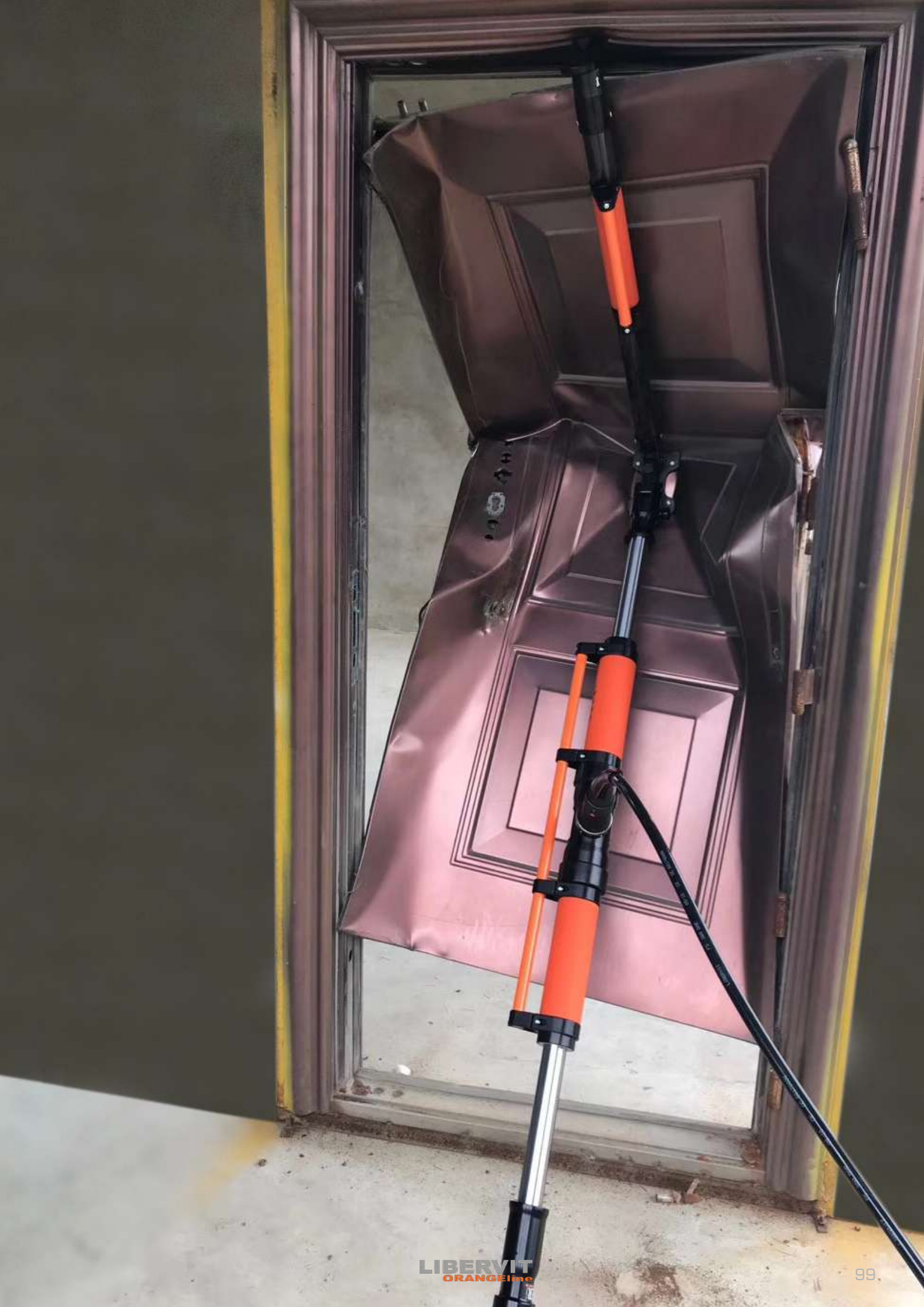
reference	ref. ST/VE70-L
dimensions	1150 x 350 x 150 mm - 45 x 14 x 6 inch
empty bag weight	1.5 kg - 3 lbs



PELICASE[®] transport case

reference	ref. VDT2
colour	black (1750)
dimensions	1350 x 405 x 155 mm - 53 x 16 x 6 inch
weight empty	11 kg - 24 lbs





EX100 - anti-panic doors hydraulic door-opener

used to open single or multi-points anti-panic doors.



EX100



Designed to open single or multi-points anti-panic doors the EX100 is placed at the horizontal on an anti-panic door.

Once in place, activate the tool by turning the service handle or with a remote control until the jack retracts and squashes the door.

Three extensions will allow you to place it on different anti-panic doors' dimensions. The V90 pry bar is used to ease the EX100 plates positioning.




EX100- anti-panic doors hydraulic door-opener

TECHNICAL CHARACTERISTICS

anti-panic doors' hydraulic door opener	ref. EX100
tractive effort	100 kN
jack's stroke	251.5 mm - 10 inch
retracted jack length	773.5 mm - 30.5 inch
deployed jack length	1025 mm - 40 inch
short angle plate	qty 1, removable
long angle plate	qty 1, removable
service handle	yes
handle	yes
locking axis	qty 5, removable
dimensions without extensions	760 x 250 x 250 mm - 30 x 10 x 10 inch
weight without extensions	14.2 kg - 31.5 lbs
delivered with a set of 3 extensions	yes, ref. R155 , ref. R246 , ref. R335
R155 extension	155 mm extension
R155 dimensions	Ø70 mm x 185 mm - Ø3 inch x 7.5 inch
R155 weight	0.84 kg - 1.85 lbs
R246 extension	246 mm extension
R246 dimensions	Ø70 mm x 276 mm - Ø3 inch x 11 inch
R246 weight	1.1 kg - 3 lbs
R335 extension	335 mm extension
R335 dimensions	Ø70 mm x 365 mm - Ø3 inch x 14.5 inch
R335 weight	1.4 kg - 3 lbs
delivered with pry bar	ref. V90
lever heads	90° notched plate and crowbar
material	high resistance treated steel
handle diameter	Ø 20 mm - Ø 0.7 inch
handle protection	PVC protection
length	711 mm - 28 inch
weight	2.5 kg - 5.4 lbs
delivered with PELICASE® transport case	ref. VDT/EX100
colour	black (1700)
silica gel cartridge	qty 1, used to prevent humidity
dimensions	969 x 406 x 155 mm - 38 x 16 x 6 inch
weight empty	10 kg - 22 lbs
weight loaded	30 kg - 66 lbs

ACCESSORIES - ON OPTION

	hydraulic coupling protection cap	ref. BF
	colour	black or dark grey or olive green
	material	soft granite UPVC with metal core
	protection on fittings	female hydraulic coupling (LIBERVIT hydraulic tools)
	dimensions	Ø 59 mm x 36 mm - Ø 2.5 inch x 1.5 inch
	weight	70 g - 2.5 oz

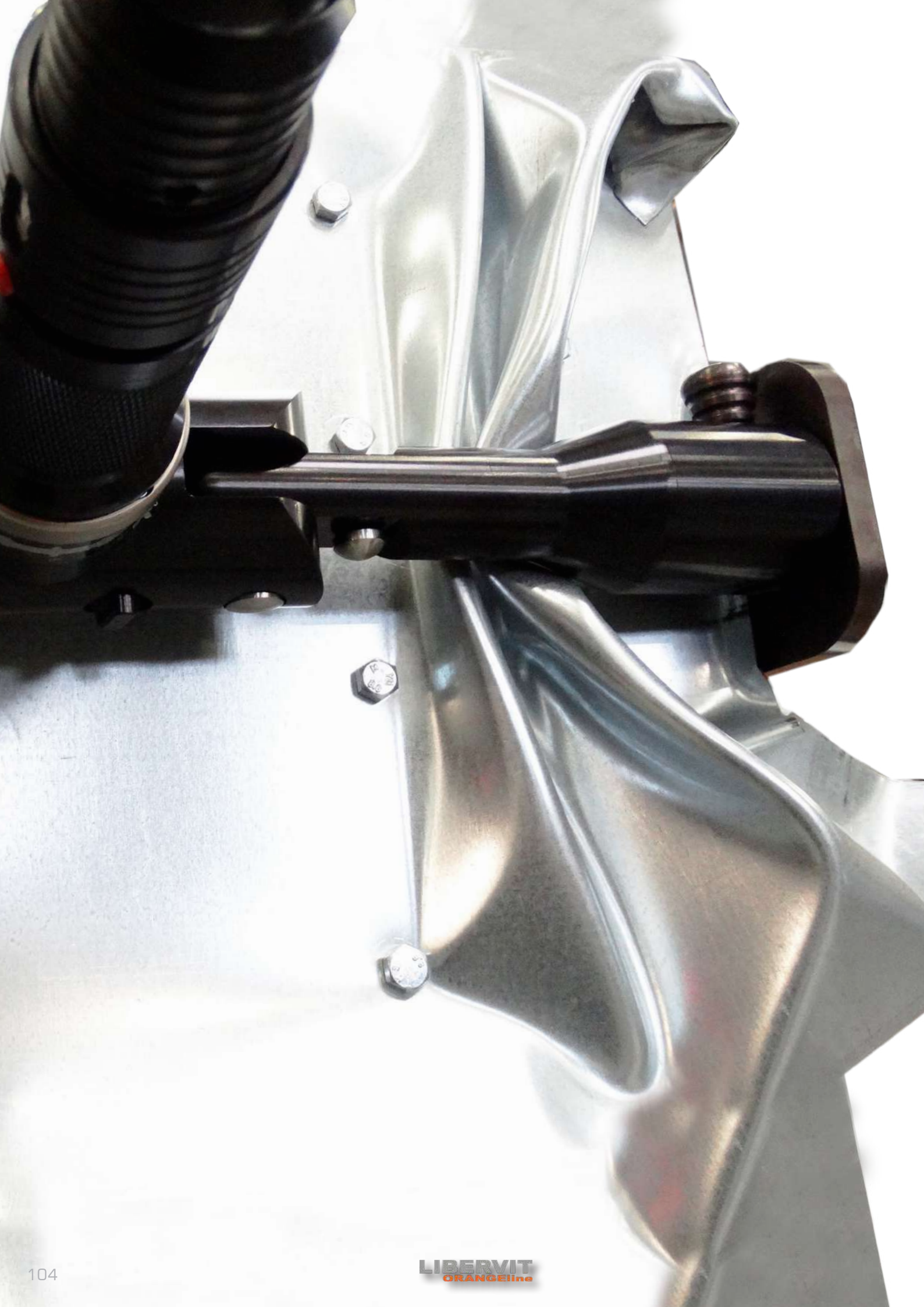
The short angle must always be placed by the anti-panic door lock.



If positioning the EX100 gets difficult use the V90 pry bar to create a gap.



PELICASE® transport case 





Multitool28 - multi-function tool

The Multitool28 is the only tool able to combine in one tool a cutter and a spreader.



Multitool28



The Multitool28 is able to combine in one tool a cutter and a spreader. The integrated manual pump has a fast approach discharge as well as a work discharge phase. Light and manoeuvrable the Multitool28 can be used in any position and is ideal for situation requiring quick actions or operating in explosive atmosphere. Its spreader function will help you open metal shutters, push open bars, some inward opening doors, etc.



Multitool28 - multi-function tool

TECHNICAL CHARACTERISTICS

multi-functions tool	ref. Multitool28
maximum cutting thrust	280 kN
maximum spreading thrust	41 kN
maximum spreading capacity	200 mm - 8 inch
any position use	yes
transport handle	qty 1
pump lever orientation	yes, 360° orientation
nozzles and blades	removable
two stages pump	yes
integrated manual pump	yes
delivered in transport bag & strap	yes, ref. ST/M28, removable strap with quick-release buckles
dimensions	630 x 230 x 190 mm - 25 x 9 x 8 inch
weight	10 kg - 22 lbs

on option - Multitool28's accessories

soft backpack	ref. CLS/M28
PELICASE® transport case	ref. VDT/M28
colour	black
telescopic handle	yes
wheels	yes
dimensions	795 x 518 x 310 mm - 31 x 21 x 12 inch
weight empty	13 kg - 2 st



delivered with Multitool28's transport bag, ref. ST/M28

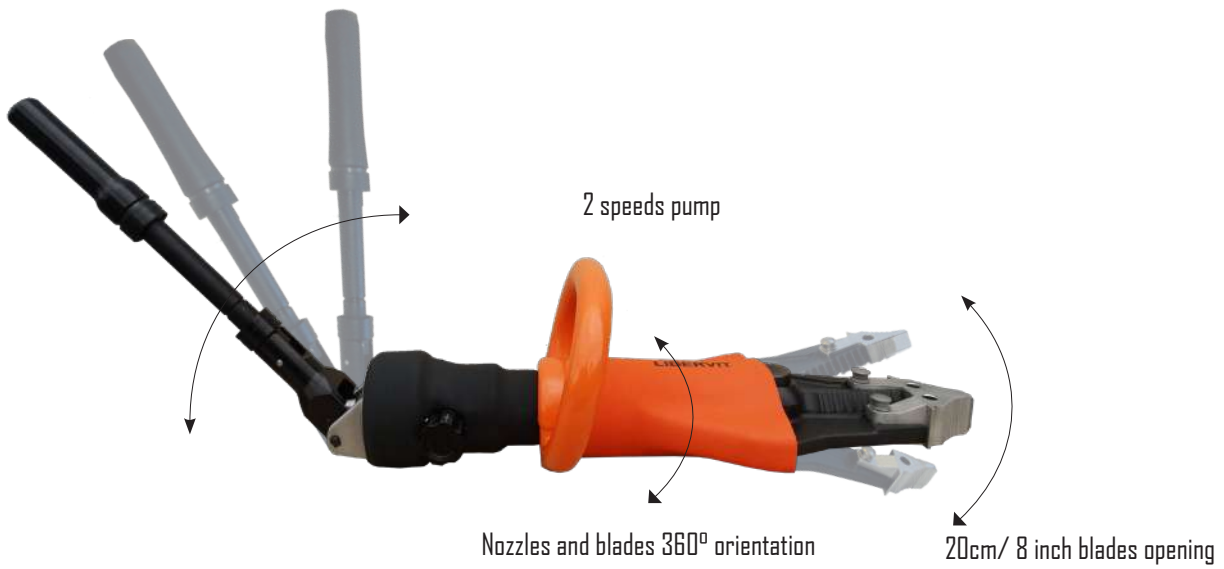
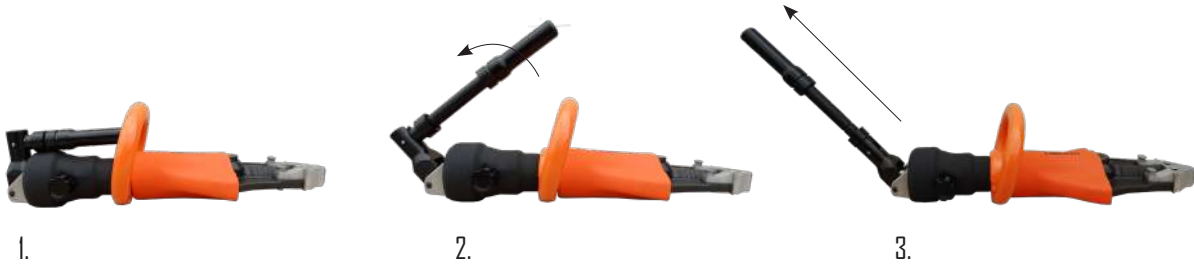


on option, PELICASE® transport case, ref. VDT/M28



SPREADER/ CUTTER

3 steps pump lever opening :







FORCIBLE ENTRY

Laser rangefinder & tape measure

The laser rangefinder and the tape measure are useful to measure distances before positioning the DOOR RAIDER or the HR7.



LASER METER 30 - L3M



The LASER METER 30 laser rangefinder is useful to calculate the right distance between the ground and the door upper frame or to measure the door's length before setting the VE70L or the HR7 door-openers.

The L3M self-locking magnetic tape measure is useful to calculate the right distance between the ground and the door upper frame or to measure the door's length before setting the VE70L or the HR7 door-openers.

TECHNICAL CHARACTERISTICS

laser rangefinder	ref. LASER METER 30
batteries	2 AAA batteries included
measure accuracy	Typ. +/-1/16-in (1.5 mm- 0.06 inch)
range	up to 30 m - 100 ft.
protection sleeve	yes
weight	100 g - 0.22 lbs
dimensions	40 x 100 x 25 mm - 1.5 x 4 x 1 inch

TECHNICAL CHARACTERISTICS

tape measure	ref. L3M
tape length	3 m - 10 ft
tape width	16 mm - 0.5 inch
magnetic	yes
self-locking	yes
weight	11 g - 0.5 oz
dimensions	70 x 60 x 30 mm - 3 x 2.5 x 1 inch

Entry hydraulic units

all our hydraulic door-openers are compatible with our hoses, hydraulic units and manual pumps.





OP55's serie hydraulic units



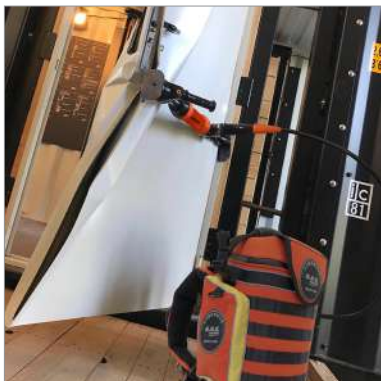
OP71's serie hydraulic units



HR7 hydraulic units



VE70-L hydraulic units



EX100 hydraulic units

OP55 hydraulic units' selection

the OP55 hydraulic door-opener can be power supplied by all LIBERVIT hydraulic units and manual pumps.





H/BSL/SNIP



H/DP55/SNIP

OPB55 light

The OPB55 light unit includes:

- a B.A.S. optima hydraulic power unit (integrated 1.5 m hydraulic hose)
- a DP55 door-opener with its ST/DP55 transport bag
- removable carrying harness set H/BSL/SNIP and H/DP55/SNIP for DP55 on B.A.S. optima



H/BSL/SNIP



H/DP55/SNIP

OPB55

The OPB55 unit includes:

- a B.A.S. superlight hydraulic power unit (integrated 1.5 m hydraulic hose)
- a DP55 door-opener with its ST/DP55 transport bag
- removable carrying harness set H/BSL/SNIP and H/DP55/SNIP for DP55 on B.A.S. superlight



OPM55

The OPM55 includes:

- a PML10 hydraulic manual pump
- a LF2 hydraulic hose (2 m) & a removable SLF hydraulic hose support for ventral transport
- a NPB pry bar
- a DP55 door-opener (without its transport bag)
- a soft back-rack EBP/OPM55 to transport the kit

OP71 lightweight hydraulic door opener's units

the OP71 hydraulic door-opener can be power supplied by all LIBERVIT hydraulic power units and manual pumps.





H/BSL/SNIP



H/DP71/SNIP

OPB71 light

The OPB71 light unit includes:

- a B.A.S. optima hydraulic power unit (integrated 1.5 m hydraulic hose)
- a DP71 door-opener with its ST/DP71 transport bag
- removable carrying harness set H/BSL/SNIP and H/DP71/SNIP for DP71 on B.A.S. optima



H/BSL/SNIP



H/DP71/SNIP

OPB71

The OPB71 unit includes:

- a B.A.S. superlight hydraulic power unit (integrated 1.5 m hydraulic hose)
- a DP71 door-opener with its ST/DP71 transport bag
- removable carrying harness set H/BSL/SNIP and H/DP71/SNIP for DP71 on B.A.S. superlight



OPM71

The OPM71 includes:

- a PML10 hydraulic manual pump
- a LF2 hydraulic hose (2 m) & a removable SLF hydraulic hose support for ventral transport
- a NPB pry bar
- a DP71 door-opener (without its transport bag)
- a soft back-rack EBP/OPM71 to transport the kit



LIBERVIT
B.A.S.
superlight
power unit



HR7 hydraulic units' selection

the HR7 hydraulic door-opener can be power supplied by all LIBERVIT hydraulic units and manual pumps.





BHR7

The BHR7 unit includes:

- a B.A.S. superlight hydraulic power unit (integrated 1.5 m - 5 ft hydraulic hose)
- a LF2 hydraulic hose (2 m) & a removable SLF hydraulic hose support for ventral transport
- a PELICASE® transport case to carry the B.A.S. superlight and the LF2
- a complete HR7 door-opener in PELICASE®
- a H/HR7 transport harness removable for the door opener HR7



MHR7

the MHR7 hydraulic unit includes:

- a PML10 hydraulic manual pump
- a LF2 hydraulic hose (2 m) & a removable SLF hydraulic hose support for ventral transport
- a PELICASE® transport case to carry the PML10 and the LF2
- a complete HR7 door-opener in PELICASE®

VE70-L hydraulic units' selection

The VE70-L high performance hydraulic door-opener can be power supplied by all LIBERVIT hydraulic units and manual pumps.





DOOR RAIDER light B

the DOOR RAIDER light B unit includes:

- a B.A.S. superlight hydraulic power unit in PELICASE® (integrated 1.5 m - 5 ft hydraulic hose)
- a VE70-L hydraulic jack & 3 extensions in PELICASE®



DOOR RAIDER light M

the DOOR RAIDER light M unit includes:

- a PML10 hydraulic manual pump
- a LF2 hydraulic hose (2 m) & a removable SLF hydraulic hose support with ventral transport
- a PELICASE® transport case to carry the PML10 and the LF2
- a VE70-L hydraulic jack & 3 extensions in PELICASE®

EX100 hydraulic units' selection

the EX100 anti-panic door opener can be power supplied by all LIBERVIT hydraulic units and manual pumps.





BEX100

The BEX100 unit includes:

- a B.A.S. superlight hydraulic power unit (integrated 1.5 m hydraulic hose)
- a LF2 hydraulic hose (2 m) & a removable SLF hydraulic hose support for ventral transport
- a PELICASE® transport case to carry the B.A.S. superlight and the LF2
- an EX100 hydraulic door opener, its pry bar in PELICASE®



MEX100

The MEX100 unit includes:

- a PML10 hydraulic manual pump
- a LF2 hydraulic hose (2 m) & a removable SLF hydraulic hose support for ventral transport
- a PELICASE® transport case to carry the PML10 and the LF2
- an EX100 hydraulic door opener, its pry bar in PELICASE®

Training doors

training is one of the keys to success during operations.





TTdoor S training door fixed to a wall



TTdoor training door with base



SG/CTDOOR configurable convertible breaching & shooting training door



STD tactical ship training door

TTdoor-S - training door

the training door helps to train to the use of different tools and technics to open doors.



TTdoor-S



When training personals to methods of entry the TTdoor-S helps realizing all kind of manoeuvres with any tool such as battering rams, lever, DOOR RAIDER light, OP55, HR7, etc.

It is fixed to a wall and simulate situations you could encounter in real operations. Three lock simulators with calibrated wooden fuses reproduce the resistance from single lock or multi-points lock doors.

The central lock simulator can be fitted with 3 fuses to reproduce the progressive opening of a door close to reality.

The TTdoor-S has been designed to give the rescuers groups the opportunity to train and practice their entry-technics to develop the reflexes to succeed in their operations.

An identification plate can be engraved on demand.



TECHNICAL CHARACTERISTICS

training door fixed to a wall door	ref. TTdoor-S 3 lock simulators with 3 extractors, 3 aluminium hit pad (250 x 250 x 15 mm - 10 x 10 x 0.5 inch - weight 2.6 kg - 6 lbs) ref. TTpad, 2 handles
steel door's frame	8 mm - 0.32 inch thick
steel frame's anchor point	qty 17
material	grey powder coated steel
personalized identification plate	personalized engraving on demand
hardware	12 screws - 8 x 70 mm, 12 washers (hit pads) 9 screws - 8 x 35 mm, 9 lock nuts (extractors) 4 screws - 8 x 12 mm, 4 washers (personalized identification plate)
100 wooden fuses box	qty 2 boxes, ref. LIB15/70
monkey wrench	qty 2, Ø 22 mm - 0.9 inch
structure	removable
dimensions	2220 x 1200 x 200 mm - 7.5 x 3 x 7 ft
poids	301 kg - 47.5 st

TTdoor - training door

the training door helps to train to the use of different tools and technics to open doors.



TTdoor



When training personals to entry technics the TTdoor helps realizing all kind of actions with any tool such as battering rams, lever, DOOR RAIDER light, OP55, HR7, etc Three lock simulators with calibrated wooden fuses reproduce the resistance from single lock or multi-points lock doors.

The central lock simulator can be fitted with 3 fuses to reproduce the progressive opening of a door close to reality.

The TTdoor has been designed to give the intervention groups the opportunity to train and practice their entry-technics to develop the reflexes to succeed in their operations. Removable, the TTdoor can be transported by its lifting rings and used on different locations. An identification plate can be engraved on demand.



TECHNICAL CHARACTERISTICS

training door on base	ref. TTdoor
door	3 lock simulators with 3 extractors, 3 aluminium hit pad (250 x 250 x 15 mm - 10 x 10 x 0.5 inch - weight 2.6 kg - 6 lbs) ref. TTpad, 2 handles
frame	yes
door base	steel, 8 mm - 0.32 inch thick, with 4 drillings for ground anchors
right side tie rod	qty 1, with damping buffer
left side tie rod	qty 1
material	grey powder coated steel
lifting rings	qty 2
personalized identification plate	personalized engraving on demand
hardware	4 screws - 14 x 130 mm, 4 washers, 4 mobile nuts (steel door base) 6 screws - 14 x 25 mm, 6 washers, 6 nuts (right and left tie rod) 12 screws - 8 x 70 mm, 12 washers (hit pads) 9 screws - 8 x 35 mm, 9 lock nuts (extractors) 4 screws - 8 x 12 mm, 4 washers (personalized identification plate)
monkey wrench	qty 2, Ø 22 mm - 0.9 inch
100 wooden fuses box	qty 2 boxes, ref. LIB15/70
structure	removable
dimensions	2280 x 980 x 2119 mm - 7.5 x 3 x 7 ft
poids	454 kg - 72 st

STD - Watertight training door

simulates the opening of a watertight door. Thanks to the patented reusable locking system requiring no consumables, it allows an unlimited number of uses during the training.





STD

The STD watertight training door was designed to provide the ability for the task force to simulate the opening of watertight doors on ships, using suitable hydraulic door opener tools.

The LIBERVIT STD door is not intended to test the power of the tools used, but to allow operators to acquire the automatism of implementing the tools, as well as to put into practice the approach tactics, of opening and entering the area after opening.

Made to the dimensions of real watertight doors and in very resistant materials, the STD door has an unlimited life. All the contact points on which the hydraulic tools will exert their effort to open are made of stainless steel and are replaceable if this is necessary after a very large number of uses.

Equipped with three reusable closing points, made of treated steel, and offering strong resistance to opening, the LIBERVIT STD door does not require any consumables. After opening, simply close the door, rotate the levers of each of the three closing points and thus lock the door for the next use, this operation can be repeated indefinitely.

An identification plate positioned on the front of the door, can be customized by laser engraving (unit emblem, or any other specific identification)

Delivered on two removable feet for total stability, the door can also be installed wall mounted.

TECHNICAL CHARACTERISTICS

locks simulator	qty 3, ball locks without consumables
locks' system	qty 3, manual reusable locking system
handles	qty 3
door base	qty 2
material	grey powder coated steel
handling footprint	qty 2
personalized identification	plate personalized engraving on demand
structure	dismountable
monkey wrench	x 2 wrenches Ø 24 mm, x 1 wrench Ø 17 mm
training	for hydraulic door openers (DP55 / DP71...) & hydraulic spreaders (E300, E500 & FAST35)
dimensions	1820 x 1460 x 1790 mm
weight	290 kg



LIBERVIT





Search & Rescue organizations must be able to deal with a large number of situations requiring the use of specific equipment.

Road rescue on passenger vehicles, heavy goods vehicles, public transport, rail or air accidents, rescue clearance in the event of the collapse of structures from residential or industrial buildings, are interventions that are part of the daily life of many rescuers.

At LIBERVIT, we gave priority to portability of the equipment, absolute silence during the use of the equipment, and the performance necessary for the missions to be carried out.

We have made the only connected and quietest hydroelectric power unit in the world.

Through this hydroelectric power unit, you can power all the hydraulic tools that we manufacture and have unlimited autonomy with the use of only two batteries.

EXTRICATION & RESCUE IN DIFFICULT ACCESS AREAS

Hydraulic power units & manual pumps

all our tools can be power supplied by all our hydraulic power units and manual pumps.





B.A.S. portable hydraulic power unit



B.A.S. superlight portable hydraulic power unit



PML10 hydraulic manual pump



PML30 hydraulic manual pump



GHT2 petrol driven hydraulic power unit

B.A.S. & B.A.S. superlight hydraulic power units

can supply the LIBERVIT hydraulic tools of all LIBERVIT ORANGEline range.



B.A.S. & B.A.S. superlight



Compact, light and silent the B.A.S. as well as the B.A.S. superlight hydraulic power units can supply all the LIBERVIT ORANGeline hydraulic tools.

However, the B.A.S. hydraulic power unit allows the alternate use of two LIBERVIT hydraulic tools.

Backpack carryable, with a shoulder strap or by hand you will be able to evolve in areas difficult to access while keeping your hands available.

The hydraulic power units have an integrated 1.5 m hydraulic hose and a 48V lithium battery offering 2 hours of action tool.

They are supplied as standard with a manual radio remote control or wired convertible.

The LIBERVIT Connected app will allow you to diagnose your hydraulic power unit (available only on Google Play & Huawei).

Features and accessories to discover on the following pages.



Hydraulic tools and hoses to use :



CAN SUPPLY 2 TOOLS ALTERNATELY

B.A.S.



all the hydraulic hoses



all the spreaders



all the cutters



all the telescopic jacks



EX100 door opener



all the OP series door openers



all the DP71 series door openers



VE70-L high performance door opener



mid range HR7 door opener



B.A.S. superlight



all the hydraulic hoses



all the spreaders



all the cutters



all the telescopic jacks



EX100 door opener



all the OP series door openers



all the DP71 series door openers



VE70-L high performance door opener



mid range HR7 door opener



The LIBERVIT connected application available on the  &  will enable you to diagnose your hydraulic power unit and will also indicate: the battery charge status, the number of charges / discharges already done, the oil level, the engine running status, the hand radio remote functioning as well as the battery charger, the tool's effort produced and many more useful information.
Languages available : French, English, Spanish, Chinese, German, and Thai.



With the T360 technology developed by LIBERVIT, the hydraulic power units can be used and stored in all positions, while retaining all of its performance.



Removable and washable the hydraulic power unit' outer shell is made of multi-layered padded Cordura (1100 Den) and is IP64.
It is also fitted with water-repellent YKK® zippers as well as an anti-noise partitions.



Foldable a lifting ring at the back of the unit offers a 100% reliable anchor point to lift, air lift and hang.



A 1.5 meters hydraulic hose is permanently stored in a dedicated compartment, just open it to extract the hose. The compartment has 2 openings giving you the choice to extract it from left or right.



Shoulder strap's emergency release buckles system has been integrated to discard the power unit when carried on the back.



48 dB : test performed at a distance of 5 m.



A dashboard protected by a removable flap provides access to the start-up switch as well as to the battery charge status indicator, the pairing mode for radio system, the Bluetooth search and the faulty oil level status.



To protect the battery and increase its autonomy we have fitted the B.A.S superlight and the B.A.S. optima hydraulic power unit with an auto-shutdown technology. The auto-shutdown kicks in after 4 hours of non-use.
The auto-shutdown can be disabled through the LIBERVIT app and it can be set to a 1 to 8 hours period.

EXTRICATION
RESCUE IN DIFFICULT ACCESS AREAS

B.A.S. hydraulic power unit



TECHNICAL CHARACTERISTICS

hydraulic power unit	ref. B.A.S.
service pressure	300 bar
oil tank capacity	1.65 L - 58 fl oz
tools operated	two alternately
use, transport, storage	T360° multi-position technology
outer-shell	Cordura® soft shell (1100 Den)
molle® system	yes
closing	YKK® water repellent zipper
reinforced bottom bag	yes, semi-rigid / high abrasion resistance
colours	orange, black, yellow & reflective strips
carrying means	back / handheld / shoulder strap
pair of backpack shoulder and chest straps	yes, qty 1, ref. EPGD, to set on the back of the power unit backpack, removable and adjustable
shoulder strap	yes, qty 1, ref. BAS/B
reinforced handle	yes, qty 1, ref. BAS/P
left & right side removable pocket	qty 2, ref. PA1/BAS & ref. PA2/BAS
lifting ring	at the unit back to lift, air lift, lever, hang
integrated hydraulic hose	1.50 m - 5 ft
hydraulic hose casing	yes
decibels	48 dB*
power supply	qty 1, LIBERVIT 48 V Lithium battery, ref. BI-ION48
battery autonomy	2 hours of tool action**
battery removal	manually
battery maximum charging time	35 min (100% charge)
battery charge indicator	yes, on the battery and on the power unit dashboard
auto-shutdown	yes, after 4 hours non-use (auto-shutdown adjustable & can be disabled)
LIBERVIT automatic battery charger	qty 1, ref. CB-ION48 (220V) or CB-ION48 (110V)
convertible hand radio remote control	qty 1, with molle® system sleeve
power supply cable length	3 m - 10 ft
hand radio remote range	30 m - 99 ft
complete diagnosis LIBERVIT Connected	LIBERVIT Connected app on Google Play & Huawei store (deactivable Bluetooth)
dimensions	350 x 300 x 410 mm - 14 x 12 x 16 inch
weight	12 kg - 26 lbs***

* test done at a 5 m distance

** test done at a 150 bar average pressure

*** ready to use without portage means

ACCESSORIES

interactive radio remote wristband	on option, ref. BRI
cross body shoulder strap	on option, ref. BAS/EPM
extreme conditions sleeve	on option, ref. HCE/BAS
magnetic kit	on option, ref. KM/BAS
hook kit	on option, ref. KC/BAS
peripherals transport bag	on option, ref. STP/BAS, for handle, pair of shoulder strap, strap, battery charger, hand radio remote control
spare lithium battery	on option, ref. BI-ION48
PELICASE® transport case	on option, ref. VDT/BAS

On option, the B.A.S. hydraulic power unit, its charger and radio remote can be packed in a solid case.

PELICASE® transport case	ref. VDT/BAS
available colour	black
telescopic handle	yes
wheels	yes
silica gel cartridge	qty 1, used to prevent humidity
dimensions	800 x 520 x 300 mm - 31 x 21 x 11 inch
weight empty	12.5 kg - 27.5 lbs
case loaded	24.7 kg - 54.5 lbs

B.A.S. superlight hydraulic power unit



TECHNICAL CHARACTERISTICS

hydraulic power unit	ref. B.A.S. superlight
service pressure	300 bar
oil tank capacity	1.24 L - 42 fl oz
use, transport, storage	multi-position technology T360°
outer-shell	Cordura® soft shell (1100 Den), IP index : IP64
molle® system	yes
closing	YKK® water-repellent zippers
reinforced bottom bag	yes, semi-rigid / high abrasion resistance
colours	black, orange, yellow & reflective strips
carrying means	back / handheld / shoulder strap
pair of backpack shoulder and chest straps	yes, qty 1, ref. EPGD, to set on the back of the power unit backpack, removable and adjustable
shoulder strap	yes, qty 1, ref. BSL/B
reinforced handle	yes, qty 1, ref. BSL/P
pocket	yes, qty 1, ref. PA1/BSL, left side removable pocket
lifting ring	at the unit back to lift, air lift, lever, hang
integrated hydraulic hose	1.50 m - 5 ft
hydraulic hose casing	yes
decibels	48 dB*
power supply	qty 1, 48 V LIBERVIT rechargeable Lithium battery, ref. BI-10N48
battery autonomy	2 hours of tool action**
battery removal	manually
battery maximum charging time	35 min (100% charge)
battery charge indicator	yes, on the battery and on the power unit dashboard
auto-shutdown	yes, after 4 hours of non-activity (adjustable auto-shutdown that can be disabled)
LIBERVIT automatic battery charger	qty 1, ref. CB-10N48 (220 V) or CB-10N48 (110 V)
convertible hand radio remote control	qty 1, with molle® system sleeve
power supply cord length	3 m - 10 ft
hand radio remote range	30 m - 99 ft
complete diagnosis LIBERVIT Connected	free App on Google Play & Huawei store (deactivable Bluetooth)
dimensions	280 x 230 x 390 mm - 11 x 9 x 15.5 inch
weight	11 kg - 24 lbs***

* test done at a 5 m distance

** test done at a 150 bar average pressure

*** ready to use without portage means

ACCESSORIES

interactive radio remote wristband	on option, ref. BRI
cross body shoulder strap	on option, ref. BAS/EPM
extreme conditions sleeve	on option, ref. HCE/BSL
spare removable pocket	on option, right side (R) : ref. PA2/BSL
magnetic kit	on option, ref. KM/BSL
hook kit	on option, ref. KC/BSL
peripherals transport bag	on option, ref. STP/BSL for handle, pair of shoulder strap, strap, battery charger, hand radio remote control
spare lithium battery	on option, ref. BI-10N48
transport bag	on option, ref. VDT/BSL

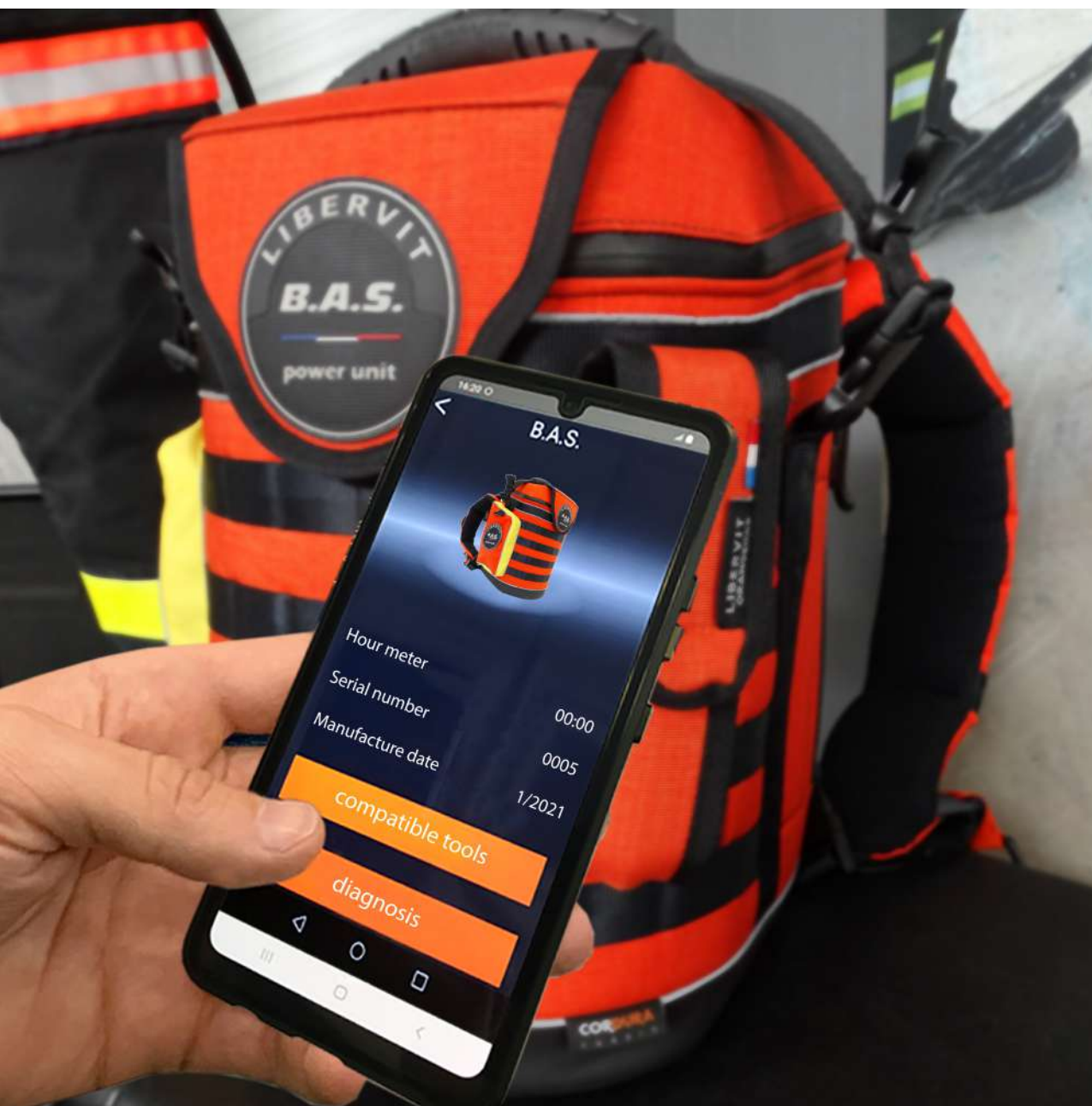
On option, the B.A.S. superlight unit, its charger and radio remote can be packed in a solid case.

PELICASE® transport case	ref. VDT/BSL
colour	black
telescopic handle	yes
wheels	yes
dimensions	630 x 510 x 300 mm - 25 x 20 x 12 inch
weight empty	10.5 kg - 23 lbs
case loaded	24.5 kg - 54 lbs

EXTRICATION
RESCUE IN DIFFICULT ACCESS AREAS

LIBERVIT Connected

complete hydraulic power unit diagnosis via the app LIBERVIT connected.





LIBERVIT Connected



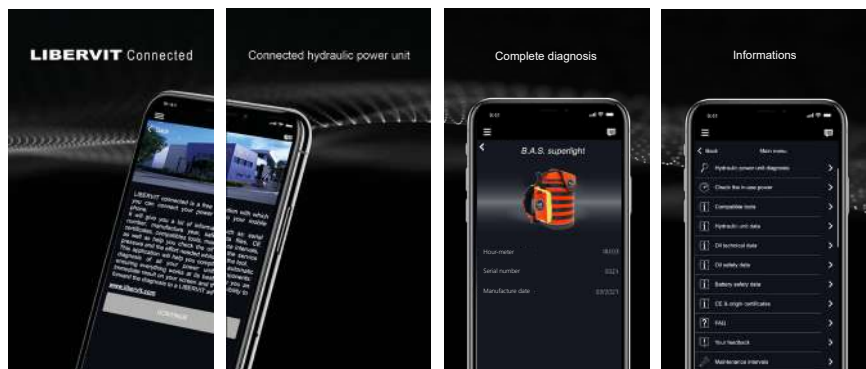
To ease as much as possible our units' preventive maintenance, the hydraulic power unit is delivered in series with a receiving and transmitting data system that all users can access on their smart phone to perform a complete diagnosis of their equipment. The Application LIBERVIT connected can be downloaded from the Google or Huawei store.

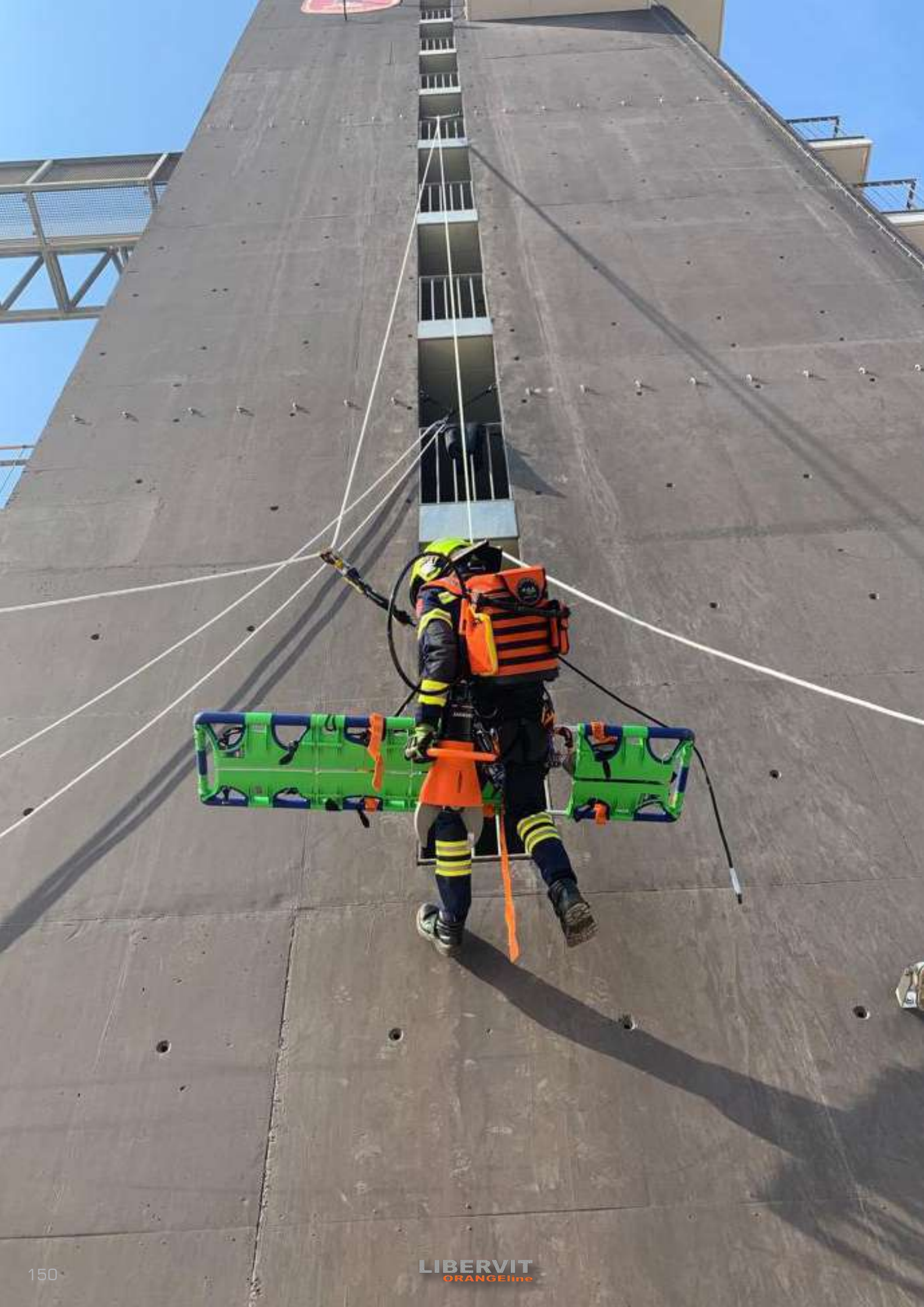
- The diagnostic indicates:
- The battery charge status
- The hydraulic oil level
- The engine condition
- The hydraulic pressure
- The radio remotes condition (with the B.A.S. superlight)
- The battery charger condition
- The tool's effort (in use with the unit)
- And much more

You will be able to send an email directly from your phone to our technical department with the diagnosis. Our technicians will be able to read the data and act accordingly if a maintenance or repair is needed and help you.

 > AFTER SALES SERVICE : aftersales@libervit.com

EXTRICATION
RESCUE IN DIFFICULT ACCESS AREAS







Hydraulic power unit's accessories

on option are available some accessories for the
B.A.S. & B.A.S. superlight hydraulic power units.





INTERACTIVE RADIO REMOTE WRISTBAND

ref. BRI

The interactive radio remote wristband activates the LIBERVIT hydraulic power unit from a distance, the tool's effort in action in real time is also visible on the screen.

Its waterproof (IP64) touch screen indicates the radio signal, the battery level (10h autonomy in use), the date and time. The wristband also benefits from a red LED (added light – ON or OFF) and a USB-C port to charge it. You can check whether the auto-shutdown is activated or not. Activate or disable the auto-shutdown from the LIBERVIT Connected App.



CROSS BODY SHOULDER STRAP

Ref. BAS/EPM

The cross body shoulder strap fits on the hydraulic power unit in place of the shoulder straps with safety buckle for quick ejection and a securing harness for light door openers.



LEFT OR RIGHT SIDE REMOVABLE POCKETS

Ref: PAI/BSL (left side) or PAZ/BSL (right side)

Left or right spare side removable pockets to fit on the hydraulic power unit body.



PERIPHERALS TRANSPORT BAG

Ref: STP/BSL

The hydraulic power unit peripherals can be protected and stored in a transport bag: handle, shoulder straps, strap, battery charger, hand radio remote control and an extra battery.



MAGNETIC KIT

Ref: KM/BSL

With the magnetic kit you can free yourself from the hydraulic power unit weight and place it against any metallic surface.



HOOK KIT

Ref: KC/BSL

To hang the hydraulic power unit when it cannot be left on the floor.



EXTREME CONDITION SLEEVE

Ref: HCE/BSL

It will protect your hydraulic power unit from extreme weather conditions such as heavy rain, sandstorm, etc delivered in a pouch adaptable on the molle system or by carabiner.



CARRYING HARNESS FOR LIGHTWEIGHT DOOR OPENER

ref. H/BSL/SNIP or ref. H/BOP/SNIP

The carrying harness clips on the top of the hydraulic power unit and allows the transport of the different lightweight door opener from the range LIBERVIT, You will be able to evolve in hard-to-reach areas while keeping your hands available.



PELICASE® TRANSPORT CASE for the hydraulic power units B.A.S., B.A.S. superlight & B.A.S. optima

ref. VDT/BAS, ref. VDT/BSL, ref. VLD/BOPTIMA

The hydraulic power unit, its battery charger and the hand radio remote control (for the B.A.S. & B.A.S. superlight) can be packed in a waterproof case. The transport case is fitted with a high density black foam in which an imprint of the tool has been made to keep it secure during transport or storage. We use the PELICASE® brand for its quality and reliability. Our cases have wheels and a foldable handle.

CHT2 petrol driven hydraulic power unit

the petrol driven hydraulic power unit CHT2 has two hydraulic connectors and allow the alternate use of two tools.



CHT2



The petrol driven hydraulic power unit CHT2 has two hydraulic connectors and allows the alternate use of two tools.

The CHT2 hydraulic power unit offers just that :

- 3 hours of intensive work (full tank)
- 2 tools can be permanently connected but separately operated
- tools can be connected and disconnected any time.

All our tools are equipped with quick-fastening anti-pollution connection.



use for 3 hours of intensive work



petrol driven engine



CHT2 petrol driven hydraulic power unit



to connect 2 hydraulic connections

TECHNICAL CHARACTERISTICS

petrol driven hydraulic power unit	CHT2
operating pressure	300 bar
engine	Honda® GX 160 - 4 temps
cont. rated power	2,9 kW (3,9 HP) / 3 600 tr / min
fuel tank capacity	3,1 L. / 1 gal
fuel	unleaded gasoline
oil tank	mineral oil
hydraulic connectors	2
tools operated	two alternately
dimensions	570 x 420 x 410 mm
weight	35 kg

PML10 - PML30 – hydraulic manual pumps

the hydraulic manual pump is often used for special situations.



PML10 - PML30



The PML10 & the PML30 hydraulic manual pumps power supply all the tools of the LIBERVIT ORANGELINE range.

The PML30 hydraulic manual pump also offers the possibility to deploy two tools one after the other.

The use of the hydraulic manual pumps is often for special situations such as: explosive atmosphere, complete silent required, narrow space, etc.

Thanks to a watertight tank they can be used or store in any position. They benefit from a fast approach discharge and a second discharge for the work phase.

A LIBERVIT hydraulic hose is needed to connect the hydraulic manual pumps to the tools.

On option, the PML10 and PML30 hydraulic manual pumps can be packed in a PELICASE case or on a soft back-rack or in a transport sleeve.



PML10 - PML30 hydraulic manual pumps

PML10 hydraulic manual pump



hydraulic manual pump	PML10
body material	black powder coated aluminium
service pressure	300 bar
oil tank capacity	1.7 litres - 60 fl oz
integrated manometer	yes
manometer protection grid	included, ref. TMG65
fast discharge	yes, two stages pump
molette fonctions	PUMP ou RELEASE fonctions
oil level viewport	yes
oil filler plug	tank draining or filling
dimensions	450 x 160 x 200 mm - 18 x 6 x 8 inch
weight	9.2 kg - 20 lbs
protection cap	included

PML30 hydraulic manual pump



hydraulic manual pump	PML30
body material	black powder coated aluminium
service pressure	300 bar
oil tank capacity	2.4 litres - 85 fl oz
integrated manometer	yes
manometer protection grid	included, ref. TMG65
fast discharge	yes, two stages pump
molette fonctions	PUMP ou RELEASE fonctions
oil level viewport	yes
oil filler plug	tank draining or filling
dimensions	630 x 160 x 200 mm - 25 x 6 x 8 inch
weight	10.6 kg - 23 lbs
protection cap	included

ACCESSORIES - ON OPTION



hydraulic hose	ref. LF2	ref. LF6	ref. LF10
dimensions	2 m	6 m	10 m
compatible with all LIBERVIT tools	yes	yes	yes
removable hydraulic hose support	ref. SLF, 85 g	ref. SLF, 85 g	none
total weight	1.2 kg	2.4 kg	3.5 kg



transport sleeve	ref. ST/PML10 or ref. ST/PML30
fabric	black & grey coated nylon
shoulder strap	qty 2, L 1.25 m - 40 inch
hose's attachment	yes
dimensions	350 x 250 mm - 14 x 10 inch
weight	300 g - 10.5 oz



soft backpack rack	ref. CLS/PML10
material	Cordura® nylon fabric
colours	orange, yellow, black & reflective strips
hydraulic hose compartment	yes
removable protection sleeve	yes, zipped storage pocket
adjustable straps	padded straps, abdominal belt, chest strap
dimensions	600 x 500 mm - 23 x 20 inch
weight empty	1.84 kg - 4 lbs



PELICASE® transport case	ref. VDT/PML10 (1610)
colours	black
dimensions	559 x 351 x 229 mm - 22 x 14 x 9 inch
weight	6 kg - 13 lbs

PELICASE® transport case	ref. VDT/PML30 (1650)
colours	black
dimensions	795 x 518 x 310 mm - 31 x 20.3 x 12.5 inch
weight	13 kg - 28.5 lbs



Hydraulic tools and hoses to use :



PML10



all the hydraulic hoses



all the spreaders



all the cutters



all the telescopic jacks



EX100 door opener



all the OP series door openers



all the DP71 series door openers



VE70-L high performance door opener



mid range HR7 door opener



CAN SUPPLY 2 TOOLS ALTERNATELY

PML30



all the hydraulic hoses



all the spreaders



all the cutters



all the telescopic jacks



EX100 door opener



all the OP series door openers



all the DP71 series door openers



VE70-L high performance door opener



mid range HR7 door opener

EXTRICATION
RESCUE IN DIFFICULT ACCESS AREAS

LF2 - LF6 - LF10 hydraulic hoses

hydraulic hoses can power supply all the LIBERVIT
ORANGeline hydraulic tools.



LF2 - LF6 - LF10



The LF2 - LF6 - LF10 hydraulic hoses power supply all the LIBERVIT ORANGEline range hydraulic tools. These hoses benefit from the patented "Hydrolec II" technology allowing both the HYDRAULIC & the ELECTRICAL in a single connection.
A removable SLF hydraulic hose support with ventral transport is delivered as standard with a hydraulic hose.
Two hydraulic hoses can be connected together to have a longer one.
e.g: two LF2 (2m each) will give a 4 m length.
Each hydraulic hose is delivered filled with oil and ready to use.



can operate with a hydraulic power unit



female or male hydraulic coupling protection caps, ref. BF & BM



Technology hydrolec II



can operate with a PML30 or a PML10 hydraulic manual pump

TECHNICAL CHARACTERISTICS

hydraulic hose	ref. LF2	ref. LF6	ref. LF10
length	2 m - 6.5 ft	6 m - 20 ft	10 m - 33 ft
weight	1.2 kg - 2.5 lbs	2.4 kg - 5 lbs	3.5 kg - 7.7 lbs
compatible	with all LIBERVIT hydraulic tools		
colours	black & orange	black & orange	black & orange
removable hydraulic hose support	yes, ref. SLF	yes, ref. SLF	none
SLF hose support dimensions	28 x 13.5 x 1.5 cm - 11 x 5 x 0.5 inch		
SLF hose support weight	85 g - 3 oz		
hydraulic coupling protection cap	on option, ref. BF & BM		
protection on coupling	female & male coupling (LIBERVIT hydraulic tools)		
BF's dimensions	Ø 59 mm x 36 mm - Ø 2.5 inch x 1.5 inch		
BM's dimensions	Ø 52 mm x H 63 mm - Ø 2 x H 2.5 inch		
weight	BF : 70 g - 2.5 oz - BM : 140 g - 5 oz		

Extrication's hydraulic cutters

to cut : fences, barbed-wires, padlocks, curtains,
large dimension profiles, tubes and for crashed
vehicle extrication (automobile, train, aircraft...).



LD, BP & U-shape hydraulic cutters



All the LIBERVIT cutters are designed to cut fences, barbed-wires, padlocks, metal curtains, large dimension profiles, tubes and for crashed vehicle, train, aircraft... extrication.

The U shape cutters are mainly aimed at cutting large profiles.

The nano hydraulic cutter NC28, the smallest and the lightest LIBERVIT cutter will allow you mobility and easy carrying when cutting profiles.

On option, a PELICASE® transport case adapted to the cutter selected.

A soft CORDURA® fabric backpack-rack is also available.



Hydraulic cutters

TECHNICAL CHARACTERISTICS

straight blades nano hydraulic cutter	ref. NC28
maximum blades opening	50 mm - 2 inch
maximum thrust	280 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch steel, S235JR (EN 10277/18)
transport handle	yes
service handle	yes
dimensions	435 x 175 x 105 mm - 17 x 7 x 4 inch
weight	8.5 kg - 1.5 st



long straight blades hydraulic cutter	ref. LD2
maximum blades opening	250 mm - 10 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
transport handle	qty 1
service handle	yes
dimensions	675 x 247 x 235 mm - 26 x 10 x 9.5 inch
weight	13.3 kg - 2 st



short straight blades hydraulic cutter	ref. LD2C
maximum blades opening	167 mm - 6 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
transport handle	qty 1
service handle	yes
dimensions	616 x 247 x 235 mm - 24 x 10 x 9.5 inch
weight	12.6 kg - 1.9 st



long curved blades hydraulic cutter	ref. BP2
maximum blades opening	140 mm - 6 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
transport handle	qté 1
service handle	oui
dimensions	660 x 247 x 235 mm - 26 x 10 x 9.5 inch
weight	13.4 kg - 2.1 st



short curved blades hydraulic cutter	ref. BP2C
maximum blades opening	80 mm - 3 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
transport handle	qty 1
service handle	yes
dimensions	630 x 247 x 235 mm - 25 x 10 x 9.5 inch
weight	12.9 kg - 2 st



U shape blades hydraulic cutter	ref. U400
maximum blades opening	165 mm - 6.5 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
transport handle	qty 1
service handle	oui
dimensions	688 x 247 x 235 mm - 27 x 10 x 9.5 inch
weight	14.2 kg - 2.2 st



Hydraulic cutters' accessories - on option

The cutters can be packed in a PELICASE® waterproof case. All our cases meet military & air transport standards. They have wheels and a carrying handle retractable.*

The cutters can be adapted to our soft backpack rack made of CORDURA®. They have adjustable large shoulder straps and an abdominal one to offer comfort and stability while carrying them.*

The protection cap BF protects your hydraulic coupling from impact and dust (ref. BF).*

*Optional when acquiring a hydraulic cutter.



PELICASE® transport case

NC28 transport case	ref. VDT/NC28
dimensions	559 x 351 x 229 mm - 22 x 14 x 9 inch
weight empty	6 kg - 13 lbs
LD2 transport case	ref. VDT/LD2
telescopic handle	yes
wheels	yes
stainless steel padlock hasps	qty 2
dimensions	781 x 521 x 295 mm - 31 x 20.5 x 12 inch
weight empty	16.5 kg - 2.6 st
LD2C transport case	ref. VDT/LD2C
telescopic handle	yes
wheels	yes
stainless steel padlock hasps	qty 2
dimensions	781 x 521 x 295 mm - 31 x 20.5 x 12 inch
weight empty	16.5 kg - 2.6 st
BP2 transport case	ref. VDT/BP2
telescopic handle	yes
wheels	yes
stainless steel padlock hasps	qty 2
dimensions	781 x 521 x 295 mm - 31 x 20.5 x 12 inch
weight empty	16.5 kg - 2.6 st
BP2C transport case	ref. VDT/BP2C
telescopic handle	yes
wheels	yes
stainless steel padlock hasps	qty 2
dimensions	781 x 521 x 295 mm - 31 x 20.5 x 12 inch
weight empty	16.5 kg - 2.6 st
U400 transport case	ref. VDT/U400
telescopic handle	yes
wheels	yes
stainless steel padlock hasps	qty 2
dimensions	781 x 521 x 295 mm - 31 x 20.5 x 12 inch
weight empty	16.5 kg - 2.6 st



soft backpack rack

NC28 cutter's backpack rack	ref. CLS/NC28
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs
LD2 cutter's backpack rack	ref. CLS/LD2
protection sleeve included	removable, ref. CLS/PB
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs
LD2C cutter's backpack rack	ref. CLS/LD2C
protection sleeve included	removable, ref. CLS/PB
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs
BP2 cutter's backpack rack	ref. CLS/BP2
protection sleeve included	removable, ref. CLS/PB
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs
BP2C cutter's backpack rack	ref. CLS/BP2C
protection sleeve included	removable, ref. CLS/PB
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs
U400 cutter's backpack rack	ref. CLS/U400
protection sleeve included	removable, ref. CLS/PB
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs

hydraulic coupling
protection cap, ref. BF



Hydraulic cutters for rescue in difficult access areas

to cut : fences, barbed-wires, padlocks, curtains,
large dimension profiles, tubes and for crashed
vehicle extrication (automobile, train, aircraft...).
Each cutters endowed of a swivel to be secure
while using during an intervention.



Hydraulic cutters for Rescue in difficult access areas



All the LIBERVIT cutters are designed to cut fences, barbed-wires, padlocks, metal curtains, large dimension profiles, tubes and also extrication from crashed vehicle, train, aircraft... . The U shape cutters are mainly aimed at cutting large profiles.

Each cutters endowed of a swivel to be secure while using during an intervention.

The nano hydraulic cutter NC28-G, the smallest and the lightest LIBERVIT cutter will allow you mobility and easy carrying when cutting profiles.

On option, a PELICASE® transport case adapted to the cutter selected. A soft CORDURA® fabric backpack-rack is also available.



Hydraulic cutters

TECHNICAL CHARACTERISTICS

straight blades nano hydraulic cutter	ref. NC28-G
maximum blades opening	50 mm - 2 inch
maximum thrust	280 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch steel, S235JR (EN 10277/18)
swivel	ref. EM-CE, allows rotation of the tool
transport handle	yes
service handle	yes
dimensions	435 x 175 x 105 mm - 17 x 7 x 4 inch
weight	8.5 kg - 1.5 st



long straight blades hydraulic cutter	ref. LD2-G
maximum blades opening	250 mm - 10 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
swivel	ref. EM-CE, allows rotation of the tool
transport handle	qty 1
service handle	yes
dimensions	675 x 247 x 235 mm - 26 x 10 x 9.5 inch
weight	13.3 kg - 2 st



short straight blades hydraulic cutter	ref. LD2C-G
maximum blades opening	167 mm - 6 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
swivel	ref. EM-CE, allows rotation of the tool
transport handle	qty 1
service handle	yes
dimensions	616 x 247 x 235 mm - 24 x 10 x 9.5 inch
weight	12.6 kg - 1.9 st



long curved blades hydraulic cutter	ref. BP2-G
maximum blades opening	140 mm - 6 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
swivel	ref. EM-CE, allows rotation of the tool
transport handle	qté 1
service handle	oui
dimensions	660 x 247 x 235 mm - 26 x 10 x 9.5 inch
weight	13.4 kg - 2.1 st



short curved blades hydraulic cutter	ref. BP2C-G
maximum blades opening	80 mm - 3 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
swivel	ref. EM-CE, allows rotation of the tool
transport handle	qty 1
service handle	yes
dimensions	630 x 247 x 235 mm - 25 x 10 x 9.5 inch
weight	12.9 kg - 2 st



U shape blades hydraulic cutter	ref. U400-G
maximum blades opening	165 mm - 6.5 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
swivel	ref. EM-CE, allows rotation of the tool
transport handle	qty 1
service handle	oui
dimensions	688 x 247 x 235 mm - 27 x 10 x 9.5 inch
weight	14.2 kg - 2.2 st



Hydraulic cutters' accessories - on option

The cutters can be packed in a PELICASE® waterproof case. All our cases meet military & air transport standards. They have wheels and a carrying handle retractable.*

The cutters can be adapted to our soft backpack rack made of CORDURA®. They have adjustable large shoulder straps and an abdominal one to offer comfort and stability while carrying them.*

The protection cap BF protects your hydraulic coupling from impact and dust (ref. BF).*

For secure the tools : a safety sling with 2 carabiners (Srope-O) or a 10 safety slings & its transport bag (ST-OSrope)*.

*Optional when acquiring a hydraulic cutter.



PELICASE® transport case

NC28-G transport case	ref. VDT/NC28
dimensions	559 x 351 x 229 mm - 22 x 14 x 9 inch
weight empty	6 kg - 13 lbs
LD2-G transport case	ref. VDT/LD2
telescopic handle	yes
wheels	yes
stainless steel padlock hasps	qty 2
dimensions	781 x 521 x 295 mm - 31 x 20.5 x 12 inch
weight empty	16.5 kg - 2.6 st
LD2C-G transport case	ref. VDT/LD2C
telescopic handle	yes
wheels	yes
stainless steel padlock hasps	qty 2
dimensions	781 x 521 x 295 mm - 31 x 20.5 x 12 inch
weight empty	16.5 kg - 2.6 st
BP2-G transport case	ref. VDT/BP2
telescopic handle	yes
wheels	yes
stainless steel padlock hasps	qty 2
dimensions	781 x 521 x 295 mm - 31 x 20.5 x 12 inch
weight empty	16.5 kg - 2.6 st
BP2C-G transport case	ref. VDT/BP2C
telescopic handle	yes
wheels	yes
stainless steel padlock hasps	qty 2
dimensions	781 x 521 x 295 mm - 31 x 20.5 x 12 inch
weight empty	16.5 kg - 2.6 st
U400-G transport case	ref. VDT/U400
telescopic handle	yes
wheels	yes
stainless steel padlock hasps	qty 2
dimensions	781 x 521 x 295 mm - 31 x 20.5 x 12 inch
weight empty	16.5 kg - 2.6 st



soft backpack rack

NC28-G cutter's backpack rack	ref. CLS/NC28
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs
LD2-G cutter's backpack rack	ref. CLS/LD2
protection sleeve included	removable, ref. CLS/PB
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs
LD2C-G cutter's backpack rack	ref. CLS/LD2C
protection sleeve included	removable, ref. CLS/PB
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs
BP2-G cutter's backpack rack	ref. CLS/BP2
protection sleeve included	removable, ref. CLS/PB
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs
BP2C-G cutter's backpack rack	ref. CLS/BP2C
protection sleeve included	removable, ref. CLS/PB
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs
U400-G cutter's backpack rack	ref. CLS/U400
protection sleeve included	removable, ref. CLS/PB
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs

protection cap
ref. BF



ref. ST-OSrope







E300 & E500 hydraulic spreaders

used to spread bars, open metal shutters, inward opening doors as well as many other applications requiring the use of strength.



E300 - E500



The E300 & E500 spreaders are used to spread bars, open metal shutters, inward opening doors as well as many other applications requiring the use of strength.

To work the spreader needs a LIBERVIT hydraulic power unit or manual pump and a hydraulic hose to connect them together.

E300 spreader – 84 kN – short arms- max opening 329 mm

E500 spreader – 50 kN – long arms- max opening 500 mm

On option, a PELICASE® transport case adapted to the spreader you selected. A soft CORDURA® fabric backpack-rack is also available.



E300 & E500 hydraulic spreaders

TECHNICAL CHARACTERISTICS

short arms hydraulic spreader	ref. E300
maximum arms' opening	329 mm - 13 inch
maximum thrust	84 kN
transport handle	qty 1
service handle	yes
dimensions	560 x 270 x 170 mm - 22 x 11 x 7 inch
weight	14 kg - 2.2 st



long arms hydraulic spreader	ref. E500
maximum arms' opening	500 mm - 19.5 inch
maximum thrust	50 kN
transport handle	qty 1
service handle	yes
dimensions	680 x 270 x 170 mm - 27 x 11 x 7 inch
weight	15.2 kg - 2.3 st



Hydraulic spreaders' accessories - on option

The spreaders can be packed in a PELICASE® waterproof case. All our cases meet military & air transport standards. They have wheels and a carrying handle retractable.*

The spreaders can be adapted to our soft backpack rack made of CORDURA®. They have adjustable large shoulder straps and an abdominal one to offer comfort and stability while carrying them.*

The protection cap BF protects your hydraulic coupling from impact and dust (ref. BF).*

*Optional when acquiring a hydraulic spreader.



PELICASE® transport case

E300 transport case	ref. VDT/E300
dimensions	795 x 518 x 310 mm - 31 x 21 x 12 inch
weight empty	13 kg - 2 st

E500 transport case	ref. VDT/E500
telescopic handle	yes
wheels	yes
stainless steel padlock hasps	qty 2
dimensions	795 x 518 x 310 mm - 31 x 21 x 12 inch
weight empty	13 kg - 2 st



soft backpack rack

E300 spreader's backpack rack	ref. CLS/E300
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs

hydraulic coupling protection cap, ref. BF



EXTRICATION
RESCUE IN DIFFICULT ACCESS AREAS

E300-G - E500-G hydraulic spreaders for rescue in difficult access areas

to spread bars, open metal shutters, inward opening doors for crashed vehicle extrication (automobile, train, aircraft...).

Each spreaders endowed of a swivel to be secure while using during intervention.



E300-G - E500-G hydraulic spreaders for rescue in difficult access areas



The E300-G & E500-G spreaders are designed to spread bars, open metal shutters, inward opening doors, etc...as well as for extrication from crashed vehicle, train, aircraft... in difficult access area.

Each spreaders endowed of a swivel to be secure while using during an intervention.

To work the spreader needs a LIBERVIT hydraulic power unit or manual pump and a hydraulic hose to connect them together.

E300-G spreader - 84 kN - short arms- max opening 329 mm

E500-G spreader - 50 kN - long arms- max opening 500 mm

On option, a PELICASE® transport case adapted to the cutter selected. A soft CORDURA® fabric backpack-rack is also available.



E300-G - E500-G hydraulic spreaders for rescue in difficult access areas

TECHNICAL CHARACTERISTICS

short arms hydraulic spreader	ref. E300-G
maximum arms' opening	329 mm - 13 inch
maximum thrust	84 kN
swivel	ref. EM-CE, allows rotation of the tool
transport handle	qty 1
service handle	yes
dimensions	560 x 270 x 170 mm - 22 x 11 x 7 inch
weight	14 kg - 2.2 st



long arms hydraulic spreader	ref. E500-G
maximum arms' opening	500 mm - 19.5 inch
maximum thrust	50 kN
swivel	ref. EM-CE, allows rotation of the tool
transport handle	qty 1
service handle	yes
dimensions	680 x 270 x 170 mm - 27 x 11 x 7 inch
weight	15.2 kg - 2.3 st



Hydraulic spreaders' accessories - on option

The spreaders can be packed in a PELICASE® waterproof case. All our cases meet military & air transport standards. They have wheels and a carrying handle retractable.*

The spreaders can be adapted to our soft backpack rack made of CORDURA®. They have adjustable large shoulder straps and an abdominal one to offer comfort and stability while carrying them.*

The protection cap BF protects your hydraulic coupling from impact and dust (ref. BF).*

For secure the tools : a safety sling with 2 carabiners (Srope-O) or a 10 safety slings & its transport bag (ST-OSrope)*.

*Optional when acquiring a hydraulic spreader.



PELICASE® transport case



soft backpack rack

protection cap
ref. BF



ref. ST-OSrope



E300-G transport case	ref. VDT/E300
dimensions	795 x 518 x 310 mm - 31 x 21 x 12 inch
weight empty	13 kg - 2 st

E300-G spreader's backpack rack	ref. CLS/E300
dimensions	700 x 540 x 190 mm - 27.5 x 21 x 7.5 inch
weight empty	2.28 kg - 5 lbs

E500-G transport case	ref. VDT/E500
telescopic handle	yes
wheels	yes
stainless steel padlock hasps	qty 2
dimensions	795 x 518 x 310 mm - 31 x 21 x 12 inch
weight empty	13 kg - 2 st



EXTRICATION
RESCUE IN DIFFICULT ACCESS AREAS





VT380.10/5 - VT500.10/5 hydraulic telescopic jacks

jacks are frequently used to rescue road accident victims as well as during search & rescue operations.



VT380.10/5 & VT500.10/5



The VT380.10/5 is a small telescopic hydraulic jack (max deployed length: 521 mm - 1.7 ft). The VT500.10/5 is a telescopic hydraulic jack (max deployed length : 875 mm - 2.8 ft). Both hydraulic jacks have two stages telescopic hydraulic jack.

The VT380.10/5 & the VT500.10/5 telescopic hydraulic jacks make it possible to lift heavy loads to carry out and rescue victims trapped under a collapsed structure or building, but also to create space to rescue victims from a damaged vehicles after road accidents.

The integrated check-valves to the service handle insure that even under a heavy load at maximum pressure the jack can still be disconnected from the hydraulic hose without risk. To work the hydraulic jack must be used with a LIBERVIT hydraulic power unit or hydraulic manual pump.

A hydraulic hose is needed to connect the tool to the hydraulic power unit or hydraulic manual pump.



on option, R169 & R455 extensions



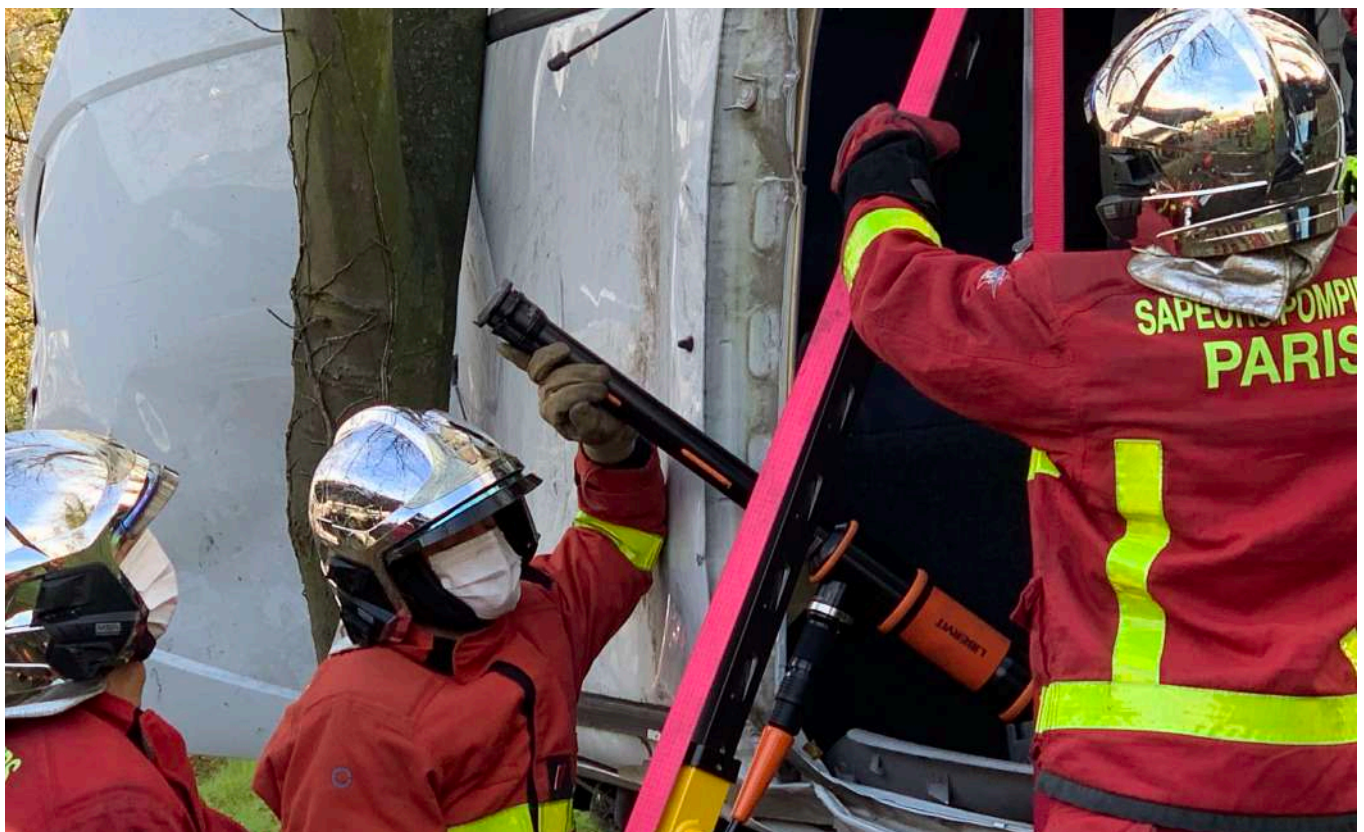
VT380.10/5 - VT500.10/5 hydraulic telescopic jacks

TECHNICAL CHARACTERISTICS

hydraulic telescopic jack	VT380.10/5
first stage thrust	10 tons
second stage thrust	5 tons
jack's stroke first stage	80 mm - 3 inch
jack's stroke second stage	61 mm - 2.4 inch
retracted length	380 mm - 15 inch
deployed length	521 mm - 20.5 inch
service handle	yes, 2 positions : OPEN/CLOSE
jack's feet	qty 2, removable, réf. VT/EU-006
dimensions	375 x 78 x 240 mm - 15 x 3 x 10 inch
weight	6.5 kg - 14 lbs



hydraulic telescopic jack	VT500.10/5
first stage thrust	10 tons
second stage thrust	5 tons
jack's stroke first stage	200 mm - 8 inch
jack's stroke second stage	182 mm - 7 inch
retracted length	495 mm - 19.5 inch
deployed length	875 mm - 34.5 inch
service handle	yes, 2 positions : OPEN/CLOSE
jack's feet	qty 2, removable, réf. VT/EU-006
dimensions	495 x 78 x 240 mm - 19.5 x 3 x 10 inch
weight	10 kg - 22 lbs



Hydraulic jacks' accessories - on option

The jacks can be packed in a PELICASE® waterproof case. All our cases meet military & air transport standards. They have wheels and a carrying handle retractable.*

The jacks and also the extensions* can be adapted to our soft backpack rack made of CORDURA®. They have adjustable large shoulder straps and an abdominal one to offer comfort and stability while carrying them.*

The protection cap BF protects your hydraulic coupling from impact and dust (ref. BF).*

*Optional when acquiring a hydraulic telescopic jack & on option the extensions.

hydraulic coupling protection cap, ref. BF



VT500/10.5 transport harness with swivel

VT500/10.5 transport harness	ref. EM-VT500
allows	tool rotation and transport
velcro attachments	qty 2 buckles
rubber handle	yes
swivel	yes, qty 1
dimensions	270 x 180 x 100 mm - 10.6 x 7 x 4 inch
weight	163 g



VT380/10.5 transport harness with swivel

VT380/10.5 transport harness	ref. EM-VT380
allows	tool rotation
velcro attachments	qty 1 buckle
swivel	yes, qty 1
dimensions	190 x 40 x 20 mm - 7.5 x 1.5 x 0.7 inch
weight	83 g



small extension

small format extension	ref. R169
extension dimensions	169 mm - 6.6 inch
material	aluminium
grip	with rubber grips
compability	with VT380.10/5 or VT500.10/5
colours	black & orange
dimensions	204 x 64 mm - 8 x 2.5 inch
weight	780 g - 1.7 lbs



large extension

large format extension	ref. R455
extension dimensions	455 mm - 18 inch
material	aluminium
grip	with rubber grips
compability	with VT380.10/5 or VT500.10/5
colours	black & orange
dimensions	495 x 64 mm - 19.5 x 2.5 inch
weight	2.3 kg - 5 lbs



PELICASE® transport case

VT500/10.5 transport case	ref. VDT/VT500
allows transport of	jack, extensions, backpack rack
dimensions	618 x 494 x 222 mm - 24.5 x 19.5 x 9 inch
weight empty	6.4 kg - 14 lbs

VT380/10.5 transport case	ref. VDT/VT380
allows transport of	jack, extensions, backpack rack
dimensions	618 x 494 x 222 mm - 24.5 x 19.5 x 9 inch
weight empty	6.4 kg - 14 lbs



soft backpack rack

VT500/10.5 jack's backpack rack	ref. CLS/VT500
dimensions	700 x 570 x 200 mm - 27.5 x 22.5 x 8 inch
weight empty	2.7 kg - 6 lbs

VT380/10.5 jack's backpack rack	ref. CLS/VT380
dimensions	700 x 570 x 200 mm - 27.5 x 22.5 x 8 inch
weight empty	2.7 kg - 6 lbs



The ADVI jack's right angle tool is designed to increase the bearing surface of the hydraulic jack on the bodyworks, and thus obtain greater efficiency and better stability, for example when pushing the dashboard of a vehicle damaged as a result of a frontal impact, and allow the responders to free a trapped victim.*

jack's right angle tool	ref. ADVI
dimensions	419 x H 259 x 116 mm - 16.5 x 10.2 x 4.5 inch
weight	6.9 kg - 15.5 lbs

VT380.10/5-G - VT500.10/5-G hydraulic telescopic jacks for rescue in difficult access areas

jacks are frequently used to rescue road accident victims as well as during search & rescue operations.

Each jacks endowed of a swivel to be secure while using during intervention.



VT380.10/5-G - VT500.10/5-G hydraulic jacks for rescue in difficult access areas



The VT380.10/5-G is a small telescopic hydraulic jack (max deployed length : 561 mm - 1.8 ft).
The VT500.10/5 is a telescopic hydraulic jack (max deployed length : 735 mm - 2.4 ft).
Both hydraulic jacks have two stages telescopic hydraulic jack.

The VT380.10/5 & the VT500.10/5 telescopic hydraulic jacks make it possible to lift heavy loads to carry out and rescue victims trapped under a collapsed structure or building, but also to create space to rescue victims from a damaged vehicles after road accidents.

The integrated check-valves to the service handle insure that even under a heavy load at maximum pressure the jack can still be disconnected from the hydraulic hose without risk. To work the hydraulic jack must be used with a LIBERVIT hydraulic power unit or hydraulic manual pump.

A hydraulic hose is needed to connect the tool to the hydraulic power unit or hydraulic manual pump.



on option, R169 & R455 extensions



VT380.10/5-G - VT500.10/5-G hydraulic telescopic jacks

TECHNICAL CHARACTERISTICS

hydraulic telescopic jack	VT380.10/5-G
first stage thrust	10 tons
second stage thrust	5 tons
jack's stroke first stage	80 mm - 3 inch
jack's stroke second stage	61 mm - 2.4 inch
retracted length	420 mm - 16.5 inch
deployed length	561 mm - 22 inch
service handle	yes, 2 positions : OPEN/CLOSE
jack's feet	qty 2, removable, réf. VT/EU-006, with sling support
dimensions	420 x 78 x 240 mm - 16.5 x 3 x 10 inch
weight	7 kg - 15.5 lbs



hydraulic telescopic jack	VT500.10/5-G
first stage thrust	10 tons
second stage thrust	5 tons
jack's stroke first stage	200 mm - 8 inch
jack's stroke second stage	182 mm - 7 inch
retracted length	535 mm - 1.8 ft
deployed length	735 mm - 2.4 ft
service handle	yes, 2 positions : OPEN/CLOSE
jack's feet	qty 2, removable, réf. VT/EU-006, with sling support
dimensions	535 x 78 x 240 mm - 21 x 3 x 10 inch
weight	9 kg - 20 lbs



Hydraulic jacks' accessories - on option

The jacks can be packed in a PELICASE® waterproof case. All our cases meet military & air transport standards. They have wheels and a carrying handle retractable.*

The jacks and also the extensions* can be adapted to our soft backpack rack made of CORDURA®. They have adjustable large shoulder straps and an abdominal one to offer comfort and stability while carrying them.*

The protection cap BF protects your hydraulic coupling from impact and dust (ref. BF).*

For secure the tools : a safety sling with 2 carabiners (Srope-O) or a 10 safety slings & its transport bag (ST-OSrope)*.

*Optional when acquiring a hydraulic telescopic jack & on option the extensions.



ref. ST-OSrope



VT500/10.5-G transport harness with swivel

VT500/10.5-G transport harness	ref. EM-VT500
allows	tool rotation and transport
velcro attachments	qty 2 buckles
rubber handle	yes
swivel	yes, qty 1
dimensions	270 x 180 x 100 mm - 10.6 x 7 x 4 inch
weight	163 g



VT380/10.5-G transport harness with swivel

VT380/10.5-G transport harness	ref. EM-VT380
allows	tool rotation
velcro attachments	qty 1 buckle
swivel	yes, qty 1
dimensions	190 x 40 x 20 mm - 7.5 x 1.5 x 0.7 inch
weight	83 g



small extension

small format extension	ref. R169
extension dimensions	169 mm - 6.6 inch
material	aluminium
grip	with rubber grips
compability	with VT380.10/5-G or VT500.10/5-G
colours	black & orange
dimensions	204 x 64 mm - 8 x 2.5 inch
weight	780 g - 1.7 lbs



large extension

large format extension	ref. R455
extension dimensions	455 mm - 18 inch
material	aluminium
grip	with rubber grips
compability	with VT380.10/5-G or VT500.10/5-G
colours	black & orange
dimensions	495 x 64 mm - 19.5 x 2.5 inch
weight	2.3 kg - 5 lbs



PELICASE® transport case

VT500/10.5-G transport case	ref. VDT/VT500
allows transport of	jack, extensions, backpack rack
dimensions	618 x 494 x 222 mm - 24.5 x 19.5 x 9 inch
weight empty	6.4 kg - 14 lbs

VT380/10.5-G transport case	ref. VDT/VT380
allows transport of	jack, extensions, backpack rack
dimensions	618 x 494 x 222 mm - 24.5 x 19.5 x 9 inch
weight empty	6.4 kg - 14 lbs



soft backpack rack

VT500/10.5-G jack's backpack rack	ref. CLS/VT500
dimensions	700 x 570 x 200 mm - 27.5 x 22.5 x 8 inch
weight empty	2.7 kg - 6 lbs

VT380/10.5-G jack's backpack rack	ref. CLS/VT380
dimensions	700 x 570 x 200 mm - 27.5 x 22.5 x 8 inch
weight empty	2.7 kg - 6 lbs



The ADVI jack's right angle tool is designed to increase the bearing surface of the hydraulic jack on the bodyworks, and thus obtain greater efficiency and better stability, for example when pushing the dashboard of a vehicle damaged as a result of a frontal impact, and allow the responders to free a trapped victim.*

jack's right angle tool
dimensions
weight

ref. ADVI
419 x H 259 x 116 mm - 16.5 x 10.2 x 4.5 inch
6.9 kg - 15.5 lbs

VSD130/13D2 hydraulic lifting unit

the VSD130/13D2 hydraulic lifting jacks allow during urban search & rescue to lift heavy loads alternately or simultaneously.



VSD130/13D2



The VSD130/13D2 lifting kit allows the simultaneous or alternate use of two high power hydraulic jacks. After having placed the hydraulic jacks under their loads, each jacks can be activated by the remote control.

The remote control device can be operated by all the LIBERVIT power units as well as manual pumps.

TECHNICAL CHARACTERISTICS

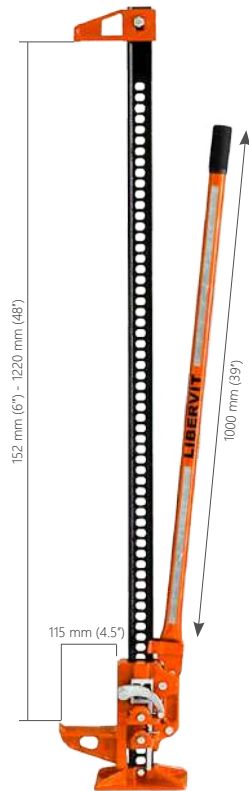


hydraulic lifting unit	ref. VSD130/13D2
includes :	
distributor	qty 1, 2 outlets, ref. D2
distributor check valve	yes, integrated
distributor's dimensions	340 x 284 x 168 mm - 13.5 x 11 x 6.5 inch
distributor's weight	7.6 kg - 17 lbs
blue hydraulic hose	qty 1, ref. LF3VSD1
red hydraulic hose	qty 1, ref. LF3VSD2
hose length	3 m - 10 ft
one hose weight	1.5 kg - 3.5 lbs
lifting jacks	qty 2, ref. VSD130/13
service pressure	300 bar
jacks thrust	130 kN
jack retracted length	278 mm - 11 inch
jack deployed length	408 mm - 16 inch
jack's stroke	130 mm - 5 inch
jack's dimensions	258 x 278 X 114 mm - 10 x 11 x 4.5 inch
one jack's weight	8.8 kg - 19.5 lbs
lifting unit total weight	28.2 kg - 4.5 st
jack's extension	on option, ref. R169 (compatible with all LIBERVIT hydraulic jacks)
dimensions	169 x 64 mm - 6.6 x 2.5 inch
weight	780 g - 1.7 lbs
hydraulic coupling protection cap	on option, ref. BF
PELICASE® transport case	on option, ref. VOT/VSD130
colour	black
dimensions	795 x 518 x 394 mm - 31 x 20.5 x 15.5 inch
weight empty	13.5 kg - 29.5 lbs

UP135 - mechanical lifting jack

The mechanical lifting jack UP135 with its long lever arm makes it easy to raise and lower the vehicle.





UP135



The mechanical lift hydraulic jack UP135 will lift up to 3000 kg. Its long lever arm makes it easy to raise and lower the vehicle. The hydraulic jack is equipped with a non-return blocking device for a controlled and safe working mode. The 152 cm (6'') length of the multi-purpose jack is quite practical, since you can store it in each vehicle without cluttering the trunk or taking up too much space. The weight of the jack is 15 kg. The minimum lifting height is 15.5 cm, the maximum is 135 cm.



TECHNICAL CHARACTERISTICS

mechanical lifting jack	ref. UP135
bearable load	up to 3 tons
function	manual
maximum lifting capacity	3000 kg - 472 st
minimum lifting height	155 mm - 6 inch
maximum lifting height	1350 mm - 53 inch
non-return blocking device	yes
colours	orange, black & reflective bands
dimensions	1550 x 245 x 140 mm - 61 x 10 x 5.5 inch
weight	14 kg - 31 lbs

on option :

support base	ref. UP135/EMB
material	reinforced plastic
utilisation	special UP135's support base
lifting jack foot print	185 x 110 mm - 7 x 4 inch
function	prevents the jack from sinking
dimensions	290 x 290 mm - 11.5 x 11.5 inch
weight	800 g - 1.7 lbs



LIBERVIT

LIBERVIT

LIBERVIT
B.A.S.
power unit



SAPEURS POMPIERS

STABFAST™ ALU

XL

THERMIC POWER V2

exothermic cutting unit

through high temperature fusion (5000°C) cuts,
in a short time frame, all kind of material.





THERMIC POWER V2

The THERMIC POWER V2 portable exothermic cutting unit gives you the benefit of the very latest technical developments made to the ignition system, the oxygen bottle as well as the cutting rods.

In collaboration with a french battery manufacturer, we have developed a miniaturized and ultra-light ignition system, with a high power and allowing more than 20 successive ignitions before recharging.

The miniaturization of the THERMIC POWER V2 allows us to offer a unique solution, allowing the operator to position his ignition system on the right or left side of the carrying harness and remove it quickly when needed.

We use a 3 L / 300 bar carbon fiber oxygen bottle which allowed us to significantly reduce weight and dimensions.





















The cutting rods in rolled metal allows a significant flow of oxygen and faster cutting. Cutting rods can be reignited after a voluntary or involuntary cutting interruption.

With a weight of 18 kg ready for use, the THERMIC POWER V2 is one of the lightest and most efficient on the market.



THERMIC POWER V2

exothermic cutting unit

THERMIC POWER	#	Items	Reference	Weight-Kg
	1	3L / 300 bar carbon fiber oxygen cylinder	TP-O/ES-001	2.56
	2	oxygen regulator kit (manometer + regulator + anti-backdraft valve + female oxygen coupling)	D/THPW	1.59
	3	oxygen bottle & cutting rods backpack carrying harness	H/TP	2.16
	4	300 bar oxygen hose	TP-F	0.44
	5	electrical ignition power unit + fabric protection cover 12V - 5Ah rechargeable Lithium battery (BLFP12-5)	BA/THPW	1.60
	6	battery charger	CB/THPW	0.74
	7	exothermic torch	TPT	0.92
	8	exothermic torch extension	TPT/E	0.56
	9	hand held striking plate	plaqueAM	0.62
	10	ground striking plate	plaqueAS	1.48
	11	x10 Ø6,3 mm - L600 mm cutting rods	ETM63-600	1.24
	12	x10 Ø9,5 mm - L600 mm cutting rods	ETM95-600	2
	13	x3 cutting rod's spring collets - x1 Ø9,5 mm - x2 Ø6,3 mm	TPT/EU-002-A TPT/EU-002-B	0.10
	14	pair of high protection glasses tinted n°6	L6/THPW	0.40
	15	pair of glasses equipped with automatic concealment filters + protective case+microfiber cloth	G3	
	16	X5 FFP3 breathing masks with valve	M/THPW	
	17	oxygen lubricant TRIBOLUBE 71 - 56 gr	TRIBOLUBE71	0.06
	18	pair of heat-resistant leather gloves	G/THPW	0.40
	19	peripherals transport bag	STP/THPW	1.40
	20	PELICASE® transport case (black) or PELI Storm® transport case (olive green)	VDT/THPW VLD/THPW	11.68 13

PELICASE[®] transport case contents



EXTRICATION
RESCUE IN DIFFICULT ACCESS AREAS



bag including accessories



Urban search & rescue heavy-duty work units





LB30 urban search & rescue unit



LB35 urban search & rescue unit



LB40 urban search & rescue unit



LCHT1 & LCHT2 urban search & rescue units

LB30 - LB35 - LB40 heavy-duty work units

to help you in your choices we offer you some suggestions of extrication, hydraulic tools as well as urban search & rescue sets.



LB30 - LB35 - LB40



The LB30, LB35 and LB40 heavy-duty work sets are for each of them including a B.A.S. hydraulic power unit, a hydraulic hose extension and three softshell carrying backpacks allowing the transport of different type of hydraulic cutters, spreaders, telescopic jacks with their own jack extension.



urban search & rescue heavy-duty work unit : réf. LB30
 B.A.S. (1.65 L tank) urban search & rescue hydraulic power unit (allows the alternate use of two tools)
 LF6 hydraulic hose
 BP2 hydraulic cutter (long curved blades)
 E300 hydraulic spreader
 VT500.10/5 telescopic hydraulic jack and its R169 extension
 3 soft backpack racks : CLS/BP2 – CLS/E300 - CLS/VT500.R



urban search & rescue heavy-duty work unit : réf. LB35
 B.A.S. (1.65 L tank) urban search & rescue hydraulic power unit (allows the alternate use of two tools)
 LF6 hydraulic hose
 LD2 hydraulic cutter (long straight blades)
 E300 hydraulic spreader
 VT500.10/5 telescopic hydraulic jack and its R169 extension
 3 soft backpack racks : CLS/LD2 – CLS/E300 - CLS/VT500.R



urban search & rescue heavy-duty work unit : réf. LB40
 B.A.S. (1.65 L tank) urban search & rescue hydraulic power unit (allows the alternate use of two tools)
 LF6 hydraulic hose
 U400 hydraulic cutter (U shape blades)
 E300 hydraulic spreader
 VT500.10/5 telescopic hydraulic jack and its R169 extension
 3 soft backpack racks : CLS/U400 – CLS/E300 - CLS/VT500.R

LB30 - LB35 - LB40 heavy-duty work unit



B.A.S. power unit for heavy duty work

hydraulic power unit	ref. B.A.S.
service pressure	300 bar
oil tank capacity	1.65 L - 58 fl oz
tools operated	two alternately
use, transport, storage	T360 ^o multi-position technology
outer-shell	CORDURA [®] soft shell (1100 Den)
molle [®] system	yes
closing	YKK [®] water repellent zipper
reinforced bottom bag	yes, semi-rigid / high abrasion resistance
colours	orange, black, yellow & reflective strips
carrying means	back / handheld / shoulder strap
pair of backpack shoulder and chest straps	yes, qty 1, ref. EPGD, to set on the back of the power unit backpack, removable and adjustable
shoulder strap	yes, qty 1, ref. BAS/B
reinforced handle	yes, qty 1, ref. BAS/P
left & right side removable pocket	qty 2, ref. PA1/BAS & ref. PA2/BAS
lifting ring	at the unit back to lift, air lift, lever, hang
integrated hydraulic hose	1.50 m - 5 ft
hydraulic hose casing	yes
decibels	48 dB*
power supply	qty 1, LIBERVIT 48 V Lithium battery, ref. BI-10N48
battery autonomy	2 hours of tool action**
battery removal	manually
battery maximum charging time	35 min (100% charge)
battery charge indicator	yes, on the battery and on the power unit dashboard
auto-shutdown	yes, after 4 hours non-use (auto-shutdown adjustable & can be disabled)
LIBERVIT automatic battery charger	qty 1, ref. CB-10N48 (220V) or CB-10N48 (110V)
convertible hand radio remote control	qty 1, with molle [®] system sleeve
power supply cable length	3 m - 10 ft
hand radio remote range	30 m - 99 ft
complete diagnosis LIBERVIT Connected	LIBERVIT Connected app on Google Play & Huawei store (deactivable Bluetooth)
dimensions	350 x 300 x 410 mm - 14 x 12 x 16 inch
weight	12 kg - 26 lbs***

* test done at a 5 m distance

** test done at a 150 bar average pressure

*** ready to use without portage means



LFB hydraulic hose

hydraulic hose	ref. LFB
length	6 m - 20 ft
weight	3.5 kg - 7.7 lbs



E300 hydraulic spreader

short arms spreader	ref. E300
maximum arms' opening	329 mm - 13 inch
maximum thrust	84 kN
dimensions	560 x 270 x 170 mm - 22 x 11 x 7 inch
weight	13 kg - 2 st



VT500.10/5 hydraulic telescopic jack

hydraulic jack	ref. VT500.10/5
first stage thrust	10 tons
second stage thrust	5 tons
jack's stroke	380 mm - 1.2 ft
dimensions	495 x 78 x 240 mm - 19.5 x 3 x 10 inch
weight	10 kg - 22 lbs
short extension	ref. R169
short extension dimensions	169 x 64 mm - 6.6 x 2.5 inch
short extension weight	780 g - 1.7 lbs



3 backpacks for spreader E300 - jack VT500.10/5 - cutter BP2 or LD2 or U400

soft backpack E300	ref. CLS/E300
soft backpack VT500.10/5	ref. CLS/VT500.R
soft backpack BP2	ref. CLS/BP2
soft backpack LD2	ref. CLS/LD2
soft backpack U400	ref. CLS/U400

LB30 - LB35 - LB40 heavy-duty work unit

TECHNICAL CHARACTERISTICS



long straight blades cutter	ref. LD2
maximum blades opening	250 mm - 10 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
transport handle	qty 1
service handle	yes
dimensions	675 x 300 x 205 mm - 26 x 12 x 8 inch
weight	13.3 kg - 2 st



long curved blades cutter	ref. BP2
maximum blades opening	140 mm - 6 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
transport handle	qty 1
service handle	oui
dimensions	660 x 250 x 220 mm - 26 x 10 x 9 inch
weight	13.4 kg - 2.1 st



U shape blades cutter	ref. U400
maximum blades opening	165 mm - 6.5 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch barre d'acier
transport handle	qty 1
service handle	oui
dimensions	688 x 250 x 220 mm - 27 x 10 x 8.5 inch
weight	14.2 kg - 2.2 st



EXTRICATION
RESCUE IN DIFFICULT ACCESS AREAS

LCHT1 - LCHT2 heavy-duty work units

to help you in your choices we offer you some suggestions of extrication, hydraulic tools as well as urban search & rescue sets.



LCHT1 - LCHT2



The LCHT1 & LCHT2 heavy-duty work sets are for each of them including a petrol driven hydraulic power unit, two hydraulic hoses extension, one hydraulic cutter, a hydraulic spreader, a telescopic jack with two extensions and a jack right angle tool.



urban search & rescue heavy-duty work unit : réf. LCHT1

CHT2 petrol driven hydraulic power unit (allows the alternate use of two tools)

LF6 hydraulic hoses (x2)

LD2 hydraulic cutter (long straight blades)

E500 hydraulic spreader

VT500.10/5 telescopic hydraulic jack and its R169 & R455 extensions

ADVI jack right angle tool



urban search & rescue heavy-duty work unit : réf. LCHT2

CHT2 petrol driven hydraulic power unit (allows the alternate use of two tools)

LF6 hydraulic hoses (x2)

U400 hydraulic cutter (U shape blades)

E500 hydraulic spreader

VT500.10/5 telescopic hydraulic jack and its R169 & R455 extensions

ADVI jack right angle tool

LCHT1 - LCHT2 heavy-duty work units



LCHT2 petrol driven hydraulic power unit for heavy duty work

petrol driven hydraulic power unit	ref. CHT2
operating pressure	300 bar
engine	Honda® GX 160 - 4 stroke
cont. rated power	2.9 kW (3.9 HP) / 3 600 rpm
fuel tank capacity	3.1 L. / 1 gal
fuel	super unleaded gasoline
oil tank	mineral oil
hydraulic connections	2
tools operated	two alternatively
dimensions	570 x 420 x 410 mm - 10.5 x 4.5 x 4 inch
weight, ready to use	35 kg - 77 lbs
temperature scale	-20°C - + 55°C



LFB hydraulic hose

hydraulic hose	ref. LFB
length	6 m - 20 ft
weight	3.5 kg - 7.7 lbs



E500 hydraulic spreader

short arms spreader	ref. E500
maximum arms' opening	500 mm - 19.5 inch
maximum thrust	50 kN
dimensions	680 x 270 x 170 mm - 27 x 11 x 7 inch
weight	15.2 kg - 2.3 st



VT500.10/5 hydraulic telescopic jack

hydraulic jack	ref. VT500.10/5	
first stage thrust	100 kN	
second stage thrust	49 kN	
jack's stroke	380 mm - 1.2 ft	
jack's dimensions	495 x 78 x 240 mm - 19.5 x 3 x 10 inch	
jack's weight	10 kg - 22 lbs	
2 extensions	ref. R169	ref. R455
extension's dimensions	169 x 64 mm - 6.6 x 2.5 inch	455 x 64 mm - 18 x 2.5 inch
extension's weight	780 g - 1.7 lbs	2.3 kg - 5 lbs



ADVI jack right angle tool

jack's right angle tool	ref. ADVI
material	steel
maximum support load	10 tons
dimensions	419 x H 259 x 116 mm - 16.5 x 10.2 x 4.5 inch
weight	6.9 kg - 15.5 lbs

LCHT1 - LCHT2 heavy-duty work units

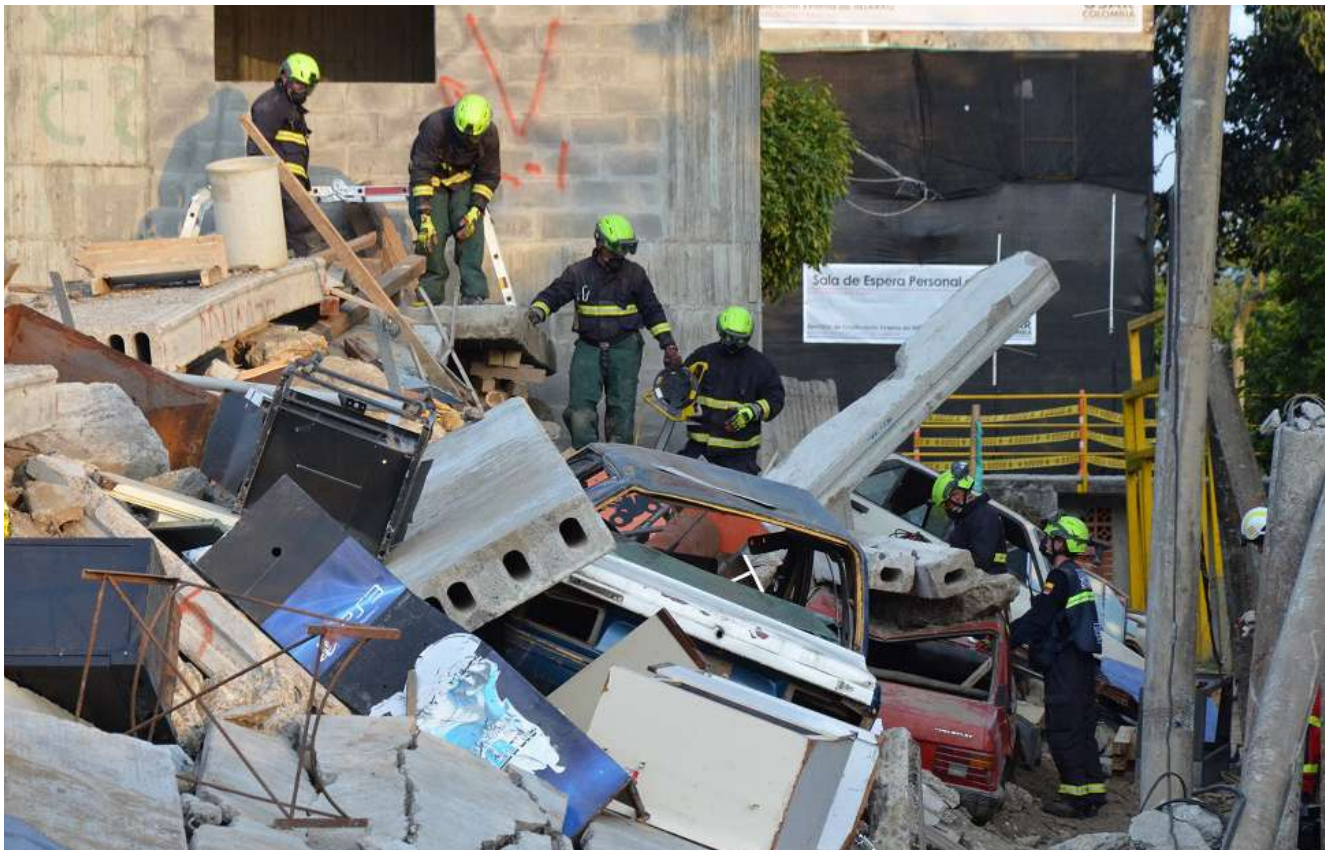
TECHNICAL CHARACTERISTICS



long straight blades cutter	ref. LD2
maximum blades opening	250 mm - 10 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch
transport handle	qty 1
service handle	yes
dimensions	675 x 300 x 205 mm - 26 x 12 x 8 inch
weight	13.3 kg - 2 st



U shape blades cutter	ref. U400
maximum blades opening	165 mm - 6.5 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch barre d'acier
transport handle	qty 1
service handle	oui
dimensions	688 x 250 x 220 mm - 27 x 10 x 8.5 inch
weight	14.2 kg - 2.2 st



EXTRICATION
RESCUE IN DIFFICULT ACCESS AREAS

Vehicle extrication's protection cover & sleeves

protect vehicles' sharp edges during extrication operations on all types of vehicles.





PROTECT1 - PROTECT 2 - PROTECT 3



PROTECT1, PROTECT2 & PROTECT3 : vehicles' sharp edges protection sleeves & cover protect the rescue team and victims from injuries on sharp edges and shards of glass during extrication operations.

The PROTECT1 magnetic cover covers up any part of the vehicle thanks to the integrated magnets.

The PROTECT2 protection sleeve is equipped with a strap and makes it possible to cover and strap the vehicle's sharp edges.

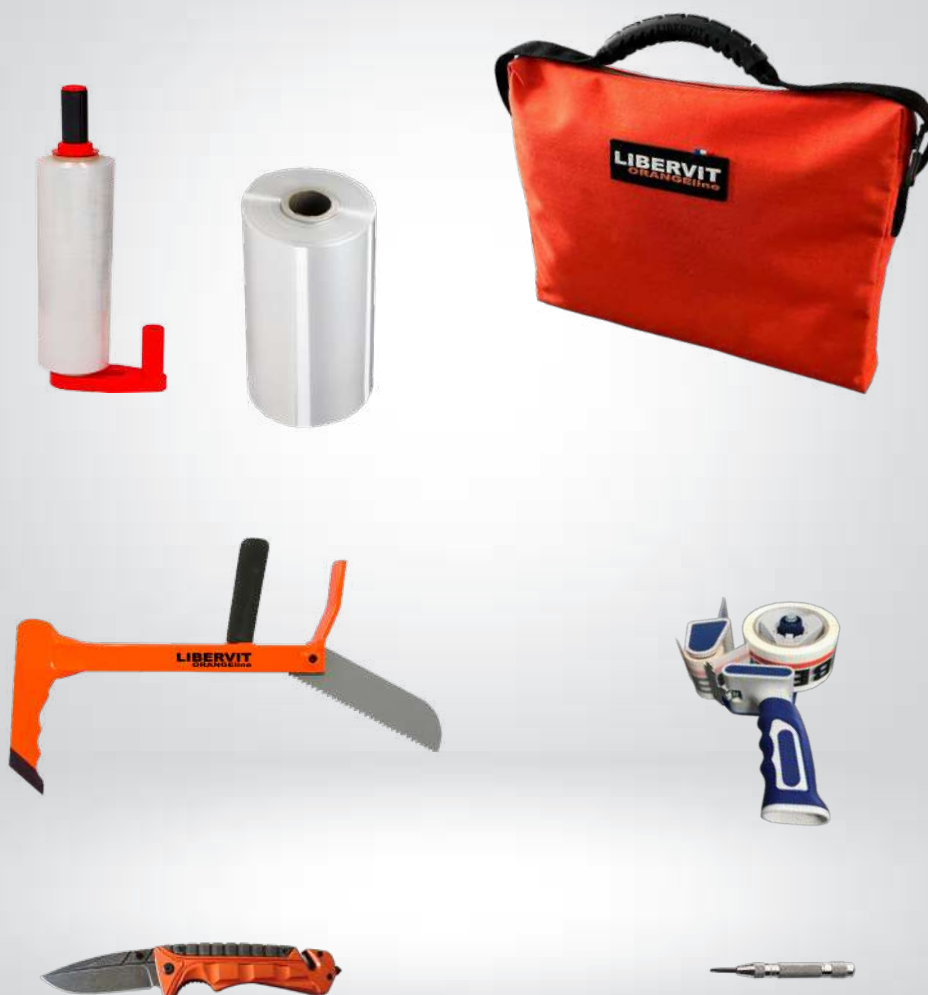
The PROTECT3 protection sleeve can be positioned at the ends of the vehicle's sharp edges and secured with hook-and-loop velcro straps.

TECHNICAL CHARACTERISTICS

magnetic protection cover	ref. PROTECT1
material	Cordura® fabric (1110 Den - IP64 index protection) & tear-proof tarpaulin interior
sew-in magnets	6 magnets
dimensions	600 x 800 mm - 23.5 x 31.5 inch
weight	875 g - 2 lbs
protective sleeve with straps	ref. PROTECT2
material	Cordura® fabric (1110 Den - IP64 index protection) & tear-proof tarpaulin interior
tightening strap	qty 1
maximum opening to cover sharp edges	300 mm - 12 inch
minimum opening to cover sharp edges	130 mm - 5 inch
closed dimensions	150 x 100 mm - 5.9 x 3.5 inch
open dimensions	470 x 335 x 10 mm - 18.5 x 13 x 0.4 inch
weight	720 g - 1.5 lbs
protective sleeve with velcro	ref. PROTECT3
material	Cordura® fabric (1110 Den - IP64 index protection) & tear-proof tarpaulin interior
Velcro closure	yes
maximum opening to cover sharp edges	200 mm - 8 inch
closed dimensions	150 x 100 mm - 5.9 x 3.5 inch
open dimensions	690 x 620 mm - 27 x 24 inch
weight	600 gr - 1.5 lbs

GBV - vehicle glass rescue management kit

makes it possible to protect rescue teams and victims from glass breakage during vehicles' extrication. The adhesive film maintains the glass broken and avoids the risk of cuts.





GBV



The vehicle glass rescue management kit GBV allows you to have all necessary tools for rapid implementation during an extrication operation and to protect the firefighters, emergency crews and the victim from glass breakage.

The adhesive film holds the glass in place and is designed to maintain all glass debris reducing the risk of injury from glass fragments and dust.

The glass saw is used to remove a windshield in less than a minute.

The automatic punch causes a shock by the triggering of a spring, under the effect of a simple pressure.

The seat belt cutter allows you to cut the trim of the vehicle as well as the seat belts.

TECHNICAL CHARACTERISTICS

vehicule glass rescue management kit & transport bag

ref. GBV

includes :

1 transport bag	ref. ST/GBV
1 LIBERVIT adhesive roll tape	ref. RL/GBV
1 scotch dispenser	ref. DL/GBV
1 60 x 50 cm repositionable adhesive roll	ref. R/GBV
1 repositionable adhesive dispenser	ref. D/GBV
1 automatic punch	ref. PV/GBV
1 seat belt cutter	ref. CCS/GBV
1 glass saw	ref. SV/GBV

GCO/200 - floor blanket

the GCO/200 floor blanket creates a clean area to safely set your equipment in risky or dirty surface.



GCO/200



Made of Cordura® fabric (1100 Den), the GCO/200 floor blanket creates a clean area to safely set your equipment in risky or dirty surface. It is washable. The floor blanket is IP64. Conditioning in a soft bag.



TECHNICAL CHARACTERISTICS

floor blanket	ref. GCO/200
material	Cordura® orange fabric
conditioning	in a soft bag
washable	yes
dimensions	1500 x 2000 mm - 59 x 79 inch
floor blanket weight	1.1 kg - 2.5 lbs
floor blanket & bag's total weight	1.32 kg - 3 lbs

ADV1 - jack's right angle



ADV1



The ADV1 jack's right angle tool is designed to increase the bearing surface of the hydraulic jack on the bodyworks, and thus obtain greater efficiency and better stability, for example when pushing the dashboard of a vehicle damaged as a result of a frontal impact, and allow the responders to free a trapped victim.



TECHNICAL CHARACTERISTICS

jack's right angle tool	ref. ADV1
material	steel
maximum support load	10 tons
dimensions	419 x H 259 x 116 mm - 16.5 x 10.2 x 4.5 inch
weight	6.9 kg - 15.5 lbs

LIBERVIT MAINTENANCE TOOLS

MAN10 - air gun

the MAN10 air gun is a pressure gauge to control and adjust the pneumatic pressure of all LIBERVIT hydraulic tools.



MAN10



The MAN10 air gun is a pressure gauge to control and adjust the pneumatic pressure of all our tools in the LIBERVIT range. It can be connected to any standard air compressor.

EXTRICATION
RESCUE IN DIFFICULT ACCESS AREAS



TECHNICAL CHARACTERISTICS

air gun	ref. MAN10
maximum pressure	12 bar
gun	LIBERVIT special nozzle
manometer	yes
solid transport case	yes
case dimension	292 x 341 x 100 mm - 11.49 x 13 x 4 inch
weight case loaded	1.2 kg - 2.64 lb

LIBERVIT MAINTENANCE TOOLS

SGDF1 - fluid management system for LIBERVIT hydraulic power units








SGDF1

The SGDF1 is a fluid management system dedicated for the LIBERVIT hydraulic power units. During oil maintenance, with the SGDF1 system, you will be able to drain or fill the oil tank of your hydraulic power unit. On option, we can provide you with the oil HAFA Circol 22.

LIBERVIT hydroelectric power units' oil tank capacity

LIBERVIT hydroelectric power units	B.A.S.	B.A.S. superlight	B.A.S. optima
			
Max oil tank capacity	1.65 [L]	1.23 [L]	0.57 [L]



TECHNICAL CHARACTERISTICS

reference	SGDF1
function	fluid management system : - DRAINING - FILLING
dedicated system	only for LIBERVIT hydroelectric power units automatic
filling of the tank	HAFA CIRCOL 22 mineral oil (tank empty when delivered)
translucent hose	yes, draining tip in its housing
maximum tank capacity	2 liters
manometer	yes, 2 bar max
hydraulic connection	yes, only for LIBERVIT hydraulic connection
buttons	2 buttons : - to start the hydraulic power unit - filling valve
dimensions	220 x 400 x 310 mm - 9 x 15.5 x 12 inch
weight filled with 2L of oil	5.2 kg - 11.5 lbs
not delivered	- HAFA CIRCOL 22 mineral oil - draining container

LIBERVIT MAINTENANCE TOOLS

COMP/8B - air compressor

the COMP/8B portable compressor controls and adjusts the pressure of all your hydraulic tools in our LIBERVIT range.





COMP/8B

The COMP/8B portable compressor controls and adjusts the pressure of all your hydraulic tools in our LIBERVIT range.

TECHNICAL CHARACTERISTICS

air compressor	ref. COMP/8B (BLACK+DECKER réf. BDCINF18)
inflation nozzle	LIBERVIT tools' nozzle
high-pressure hose	60cm- 23 inch
big volume hose	40 cm- 16 inch
capacity	160Psi/ 11bar
power source 1	alternating current - 200- 230V
power source 2	direct current - 12V auxiliary power outlet
power source 3	18V lithium battery
automatic stop	yes
dimensions	120 × 200 × 180mm - 10 × 8 × 7 inch
weight	2 kg - 4.4 lbs
B&D accessories	not included
battery	yes, lithium, ref. BL1518 (BLACK & DECKER)
voltage	18V - 1.5 Ah
class	2
dimensions:	120 × 90 × 60mm - 5 × 3.5 × 2inch
weight	0.4kg - 0.8 lbs
battery charger	yes, ref. BDC1A-QW (BLACK & DECKER)
voltage	14.4/ 18V
power type	electric, 230- 50 Hz
max charge time	60mn
dimensions	137 × 95 × 165mm - 5 × 4 × 6.5 inch
weight	0.5 kg - 1 lbs
transport bag	yes, ref. ST/COMP/8B

LIBERVIT MAINTENANCE TOOLS

ODM - maintenance tools

the ODM LIBERVIT tool bag has everything you need to help your qualified staff perform level I maintenance





ODM

The ODM LIBERVIT tools transport case has everything you need to help your qualified staff perform level I maintenance : spare parts replacement, spreader's arms installation, hinges or joints greasing, screws tightening on all LIBERVIT BLACKline and DEFENSE tools' ranges and hydraulic power units.

With the tools they will be able to change / replace:

- cutters' blades
- spreaders' arms removal
- articulations oiling
- pneumatic pressurization
- service pressure control
- the tank hydraulic fluid draining and leveling up
- regularly tightening LIBERVIT's tools screws
- install and remove the soft frame of the B.A.S., B.A.S. superlight or B.A.S. optima power unit.

TECHNICAL CHARACTERISTICS

LIBERVIT maintenance tools in PELICASE® transport case	ref. ODM
transport case	ref. VDT/ODM
Pelicase transport case dimensions	559 x 351 x 229 mm - 22 x 14 x 9 inch
empty case weight	6.5 kg - 14 lbs
equiped case weight	12 kg - 26.5 lbs

includes :

1	xl	pair of rulers for installing and removing the soft frame of the LIBERVIT soft backpack power unit (ref. KPBAS)		
2	xl	1L oil can HAFA CIRCOL 22 (ref. 1L)	14	xl slip joint plier (ref. PM-ODM)
3	xl	400 ml adhesive grease spray (ref. SG400-ODM)	15	xl combination spanner 24 (ref. CM24-ODM)
4	xl	cloth (ref. C-ODM)	16	xl combination spanner 22 (ref. CM22-ODM)
5	xl	0-400 Bar manometer (ref. MH-ODM)	17	xl combination spanner 21 (ref. CM21-ODM)
6	xl	valve core extractor tool (ref. EDV-ODM)	18	xl pair of combination spanners 19 (ref. CM19-ODM)
7	xl	air gun (ref. MANIO-ODM)	19	xl combination spanner 17 (ref. CM17-ODM)
8	xl	torque wrench (ref. CD-ODM)	20	xl combination spanner 13 (ref. CM13-ODM)
9	xl	hydraulic drain valve (ref. BPV)	21	xl combination spanner 10 (ref. CM10-ODM)
10	xl	large flat screwdriver (ref. GTP-ODM)	22	xl funnel (ref. ENT-ODM)
11	xl	small flat screwdriver (ref. PTP-ODM)	23	xl circlip pliers 3 - 10 (ref. PC310-ODM)
12	xl	small Phillips screwdriver (ref. PTC-ODM)	24	xl circlips pliers 10 - 25 (ref. PC1025-ODM)
13	xl	Allen key's set (ref. BTR-ODM)	25	xl BTR 10 tip (ref. EBTR10-ODM)

Since 1993, LIBERVIT studies, develops, and manufactures tools to help private and public rescue units, such as Firefighters, Civil Protection, in wreckage extrication.

Throughout these years, we have never ceased to create and bring new and effective solutions to the many problems brought to us. Over time, we've built ourselves a reputation for seriousness, quality and efficiency, enabling us today to be active over 5 continents.

With LIBERVIT maritime rescue, we are becoming, once again, the pioneers and the leaders in a field as complex and specialized as the one embracing watery and underwater operations.

After many years of research, developments, tests and filing several international patents, we are proud to present our new and high-quality equipment.

This is the beginning of a wider range to which we will be adding to within the next few years.

LAND, WATERY AND UNDERWATER EXTRICATION - SEARCH & RESCUE UNITS

HYDRAULIC TOOLS

W.R.M.
WATER RESCUE
MANAGEMENT



ENTER
A NEW ERA

Enjoy a unique experience



 **LIBERVIT**
maritime rescue

made in France

EXPERIMENT EFFICIENCY



With LIBERVIT maritime rescue, enter the world of efficiency.

Discover a range of rescue tools entirely dedicated to aquatic and underwater environment operations.

You now have the best equipment that is.

THE ULTIMATE SOLUTION TO EXTREME SITUATIONS

01

INNOVATION & PERFORMANCES

The only extrication range in the world designed for aquatic & underwater environment. A hydroelectric unit with neutral buoyancy able to work in all positions, floats allowing rescue divers to use all of the LIBERVIT tools from the Maritime Rescue range without having to bear the weight.

02

MOBILITY & ADAPTABILITY

The battery-powered central unit gives the rescuers direct access to any intervention site without using big flexible lengths. The LIBERVIT SeriesM hydraulic couplings are easing the tool use and interchange on land, in between waters and up to 80 m/ 262 ft depth in fresh or sea water, clean or very muddy.

03

LONGEVITY & GUARANTEE

Made in the best materials all the LIBERVIT maritime rescue tools' range is intended for use in aquatic and underwater environment. A worldwide network of distributors allows us to distribute our products and give our customers a 3 years manufacturer's warranty.

WATER RESCUE MANAGEMENT YOU WONDER WHY?

THE ULTIMATE SOLUTION TO EXTREME SITUATIONS

2007 A BRIDGE COLLAPSES IN MINNEAPOLIS

The Interstate 35W bridge over the Mississippi River in downtown Minneapolis collapsed, sending cars, trucks and even a school bus that were crawling over it in bumper-to-bumper rush hour traffic plummeting into the river below and onto the rocky shore. Thirteen people were killed, 145 more were injured, many of them seriously.



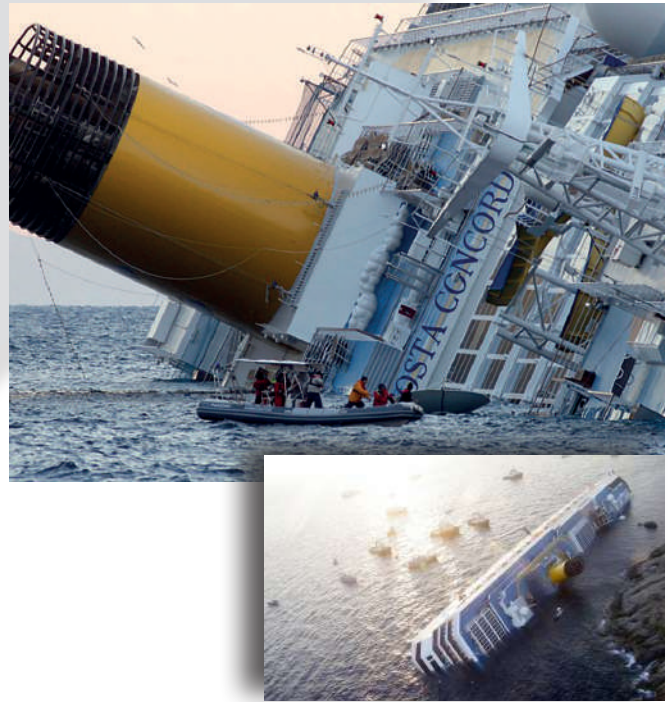
2011 TSUNAMI IN NORTHEASTERN JAPAN

A devastating Japan earthquake and tsunami that killed more than 18,000 people, caused billions of dollars in damage and displaced 230,000 people.

2012 OCEAN LINER CAPSIZES IN TUSCANY

On 13 January 2012, the Italian cruise ship Costa Concordia ran aground and overturned after striking an underwater rock off Isola del Giglio, Tuscany, resulting in 32 deaths.

The eight-year-old Costa Cruises vessel was on the first leg of a cruise around the Mediterranean Sea when she deviated from her planned route at the Isola del Giglio, sailed closer to the island, and struck a rock formation on the sea floor. A six-hour rescue effort brought most of the passengers ashore.



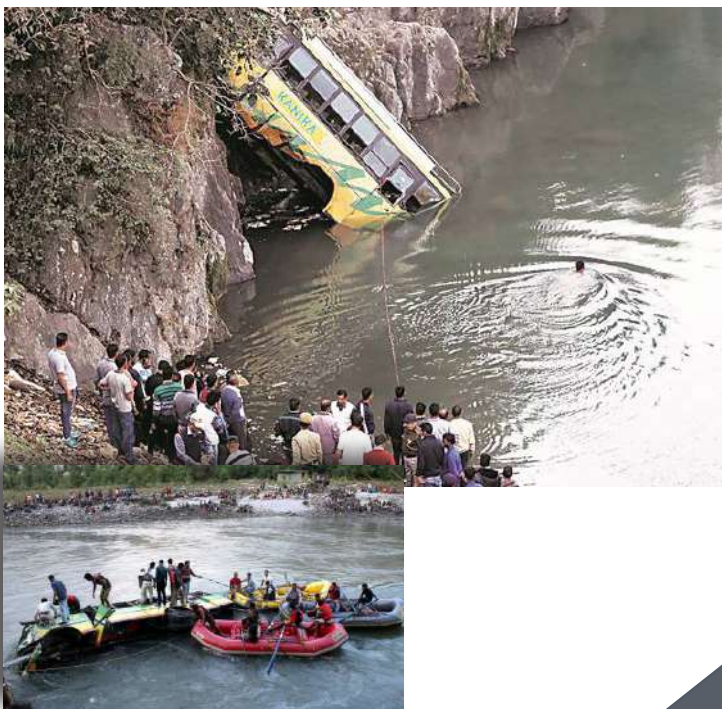
2014 A FERRY SANK IN SOUTH KOREA

The sinking of MVSewol, also called the Sewol ferry disaster, occurred on the morning of 16 April 2014, when the ferry was on the way from Incheon towards Jeju in South Korea. Out of 476 passengers and crew, 304 died in the disaster, most notably around 250 students from Danwon High School. Of the approximately 172 survivors, more than half were rescued by fishing boats and other commercial vessels that arrived at the scene approximately 40 minutes before the Korea Coast Guard.

2015 TAIWAN PLANE CRASHES INTO A RIVER

The plane, carrying 58 passengers and crew, clipped an overpass soon after take-off from Taipei's Songshan airport and plunged into a river on wednesday morning.

Fifteen survivors were pulled from the wreckage, while 12 people remained missing. Many of the passengers were mainland Chinese tourists. 60 divers went underwater to search in addition to 20 boats scouring the river.



2016 A BUS FALLS INTO RIVER IN MANDI

Seventeen people died and 26 others injured, some of them seriously, when a rashly driven private bus skidded off the road and plunged into Beas river near Mandi town on Saturday. There are two couples among the dead. At least 14 people died on the spot while others later succumbed to their injuries either on way to the regional hospital at Mandi or after reaching the hospital. One person died while on way to Shimla's Indira Gandhi Medical College (IGMC) hospital as he was in a critical condition.

2018

A BUS FALLS INTO RIVER IN LAGOS

Three persons, including a driver, Sidi Abudu, Friday lost their lives after an interstate luxurious bus in which they were travelling plunged into the Maiden River in Ikorodu, Lagos. Fifty-nine people were on board the ill-fated bus which had taken off from Aba, Abia state for Lagos. However, on the Majidun River bridge at Owode Onirin, about 30 minutes from its Mazamaza, Lagos, final destination the bus unexpectedly took a plunge into the depth of the water below.



2019

A BRIDGE COLLAPSES IN TAIWAN

A towering arch bridge over a bay in Eastern Taiwan has collapsed, sending an oil tanker truck falling onto boats in the water below.

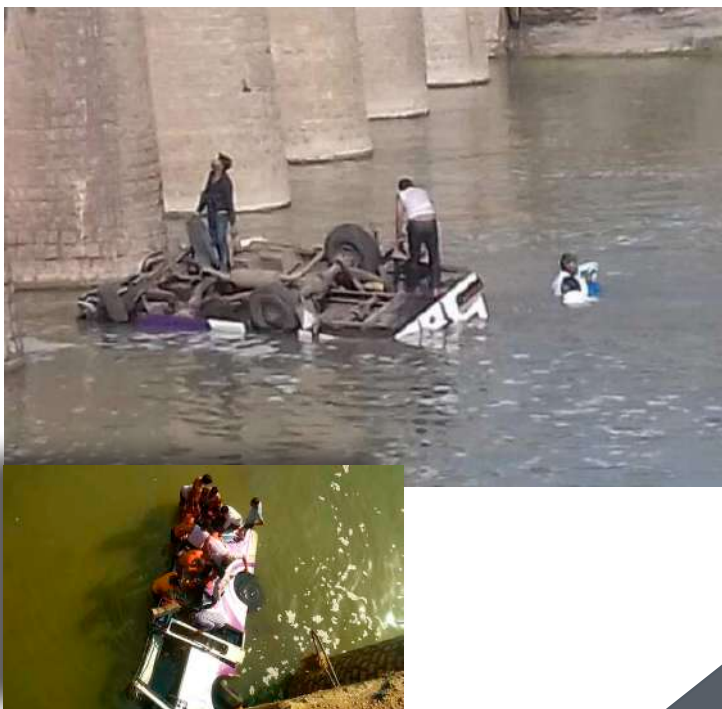
A disaster relief official said the collapse set off a fire and at least ten people have been seriously hurt, and six trapped people were rescued using life-saving tools under very difficult conditions.

The bridge collapsed in Nanfanggao, a tiny but often overcrowded fishing village.

2019 A BRIDGE COLLAPSES IN FRANCE

The collapse of the Mirepoix-sur-Tarn suspension bridge (Haute-Garonne) in France, after the passage of a heavy truck caused the death of 2 people and 5 others injured.

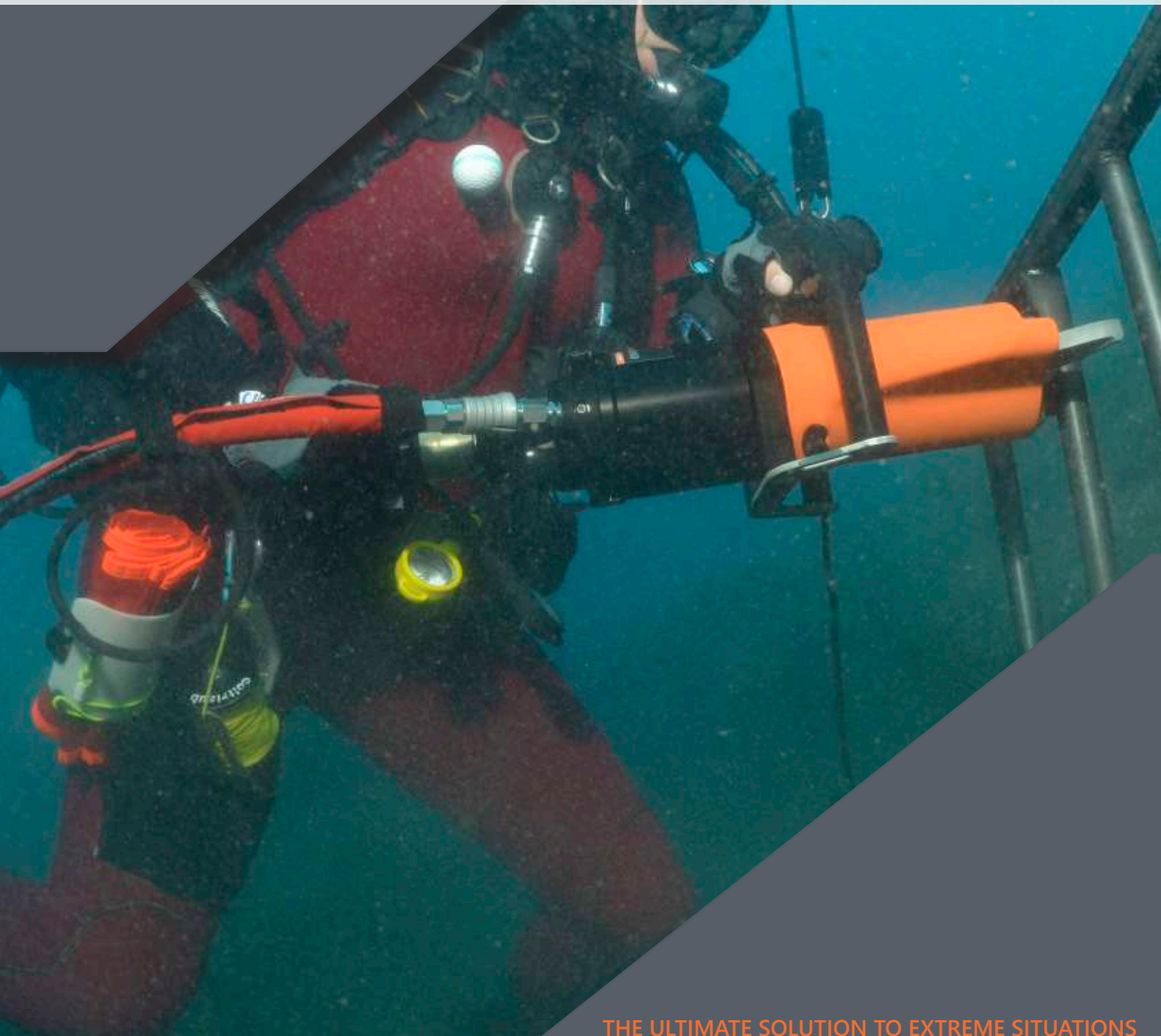
The SDIS66 rescue divers equipped with LIBERVIT underwater extrication units were sent to lend a hand to the SDIS31 in the framework of zonal reinforcement.



2020 A BUS FALLS INTO RIVER IN INDIA

At least 24 people have been killed after a bus in which they were travelling fell into a river in Bundi district of Rajasthan reports PTI. According to the police, the incident took place on Kota Lalsot Mega Highway. The private bus was taking a wedding party when it fell in the Maiz river near Papdi village under the limits of the Lekhari police station. The deceased include 11 women and 3 children. Fifteen others have suffered injuries in the incident and have been admitted to a nearby hospital.

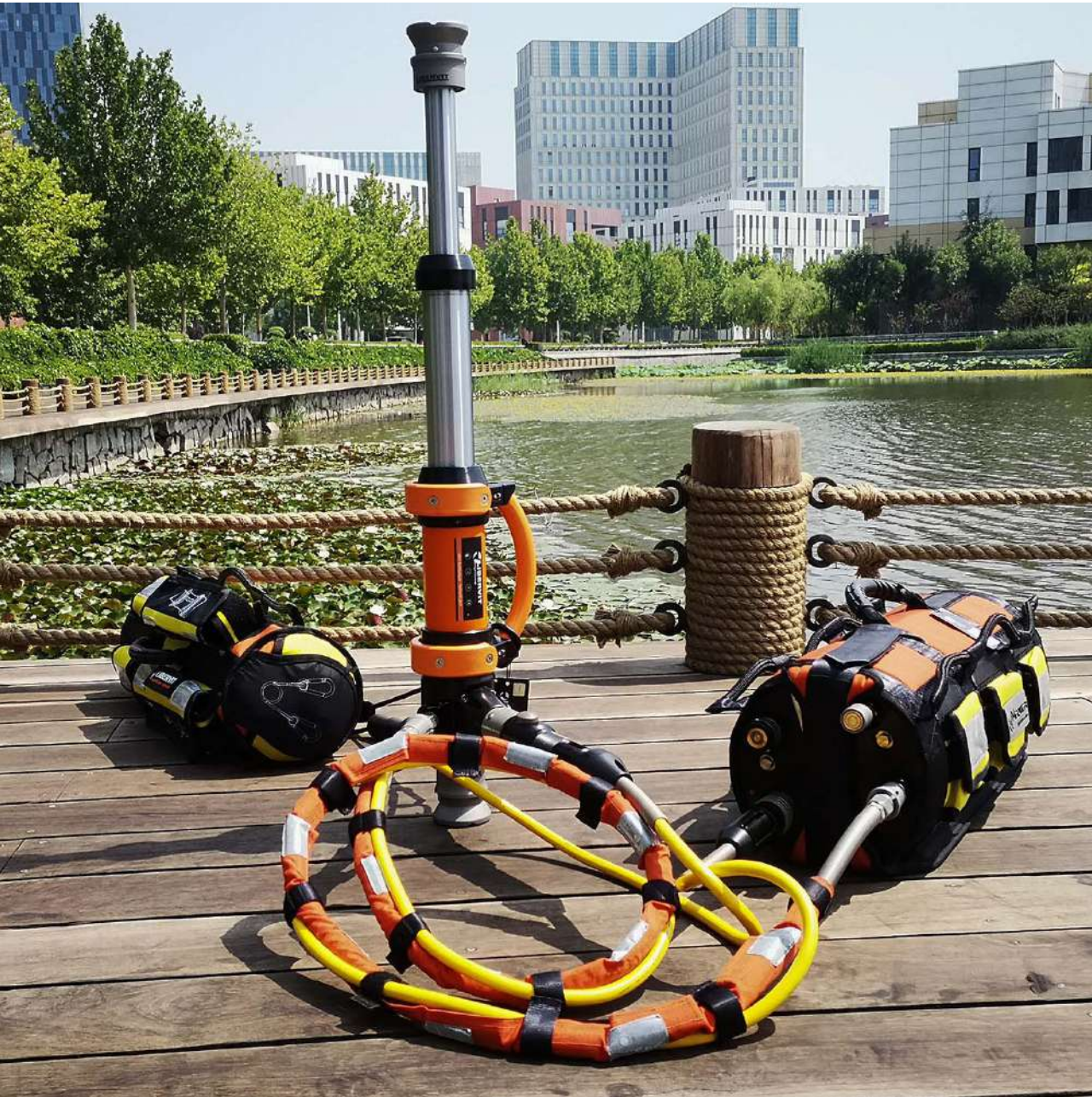
FROM NOW ON
YOU WILL NO LONGER CONSIDER
WATER RESCUE AS SECONDARY



UNDEREXTRICATION & HEAVY DUTY WORK - HYDRAULIC TOOLS

THE ULTIMATE SOLUTION TO EXTREME SITUATIONS

Land, watery and underwater extrication search & rescue units' suggestions



A wide range of combinations

The Mpower hydraulic power unit can power supply all the LIBERVIT maritime rescue tools.
Select one or more units according to your needs.



M63 includes :
-MLD40 hydraulic cutter
-Rope length adjustable sling
-Mstab-63 cutter's buoyancy control device & accessories



M63 includes :
-MBP40 hydraulic cutter
-Rope length adjustable sling
-Mstab-63 cutter's buoyancy control device & accessories



M63 includes :
-MBPL40 hydraulic cutter
-Rope length adjustable sling
-Mstab-63 cutter's buoyancy control device & accessories



M63 includes :
-MLD40 hydraulic cutter
-Rope length adjustable sling
-Mstab-63 cutter's buoyancy control device & accessories



Mpower power unit

Mconnect service handle

Mflex hydraulic hose

M38 includes :
- Mpower hydraulic power unit
- Mflex hydraulic hose
- Mconnect service handle /cable remote
can power supply
all the LIBERVIT maritime rescue tools



M63 includes :
-MU400 hydraulic cutter
-Rope length adjustable sling
-Mstab-63 cutter's buoyancy control device & accessories



M65 includes :
-MVT5 hydraulic telescopic jack
-Rope length adjustable sling
-Mstab-65 jack's buoyancy control device & accessories



M66 includes :
-MVT380 hydraulic telescopic jack
-Rope length adjustable sling
-Mstab-66 jack's buoyancy control device & accessories



M67 includes :
-ME5 hydraulic spreader
-Rope length adjustable sling
-Mstab-67 spreader's buoyancy control device & accessories



M64 includes :
-ME4 hydraulic spreader
-Rope length adjustable sling
-Mstab-66 spreader's buoyancy control device & accessories

Hydraulic power unit set

the M38 set includes a Mpower hydraulic power unit, a Mflex hydraulic hose, a Mconnect service handle, 6 weight bags, a safety sling, a maintenance bag with tools in a transport case.



M38 :
Mpower - power unit
Mconnect - service handle / cable remote
Mflex - hydraulic hose & accessories



The M38 set includes :

a Mpower - hydraulic power unit, a Mflex - 2 or 4 m long hydraulic hose, a Mconnect - 2 or 4 m long service handle, 6 LOAD250 - weightbags, a Srope - safety sling, a MP/MBI - maintenance bag in a VDT/M38 - transport case.

Equipped with patented T360° technology, the Mpower hydraulic power unit allows work in all positions, and has neutral buoyancy.

In the hydraulic power unit, a rechargeable lithium battery allows autonomy of 45 minutes of tool action. A hydraulic hose and a 2 or 4 m long service handle connect the hydraulic power unit to the tool, which allows the Mpower hydraulic power unit to operate from the tool. If useful, for safety reasons, the service handle can be release from the tool and able to operate from a distance. The Mpower hydraulic power unit is used to power all the tools in the LIBERVIT maritime rescue range.



On option, a M-FLASHLIGHT switch-ring bezel rotation light is fully waterproof, impact resistant and omnidirectional. This light is designed to help keep you safe and make sure you are found in an emergency situation. Includes a removable belt clip.

The M38 set includes :

hydraulic power unit	ref. Mpower	
hydraulic hose	ref. Mflex2 (2 m long)	or ref. Mflex4 (4 m long)
service handle	ref. Mconnect2 (2 m long)	or ref. Mconnect4 (4 m long)
weight bags for buoyancy settings	qty 6, ref. LOAD250	
safety sling	ref. Srope	
Mpower maintenance bag with tools	ref. MP/MBI	
PELICASE transport case	ref. VDT/Mpower	
dimensions	781 x 520 x 295 mm - 31 x 20 x 11 inch	
weight empty	16.5 kg - 2.5 st	
weight packed	47 kg - 7 st	

TECHNICAL CHARACTERISTICS

hydraulic power unit	ref. Mpower
service pressure	300 bar
supply	battery Lithium 12V
average working time	45 min
charge battery indicator	ref. MCI, qty 1
Lithium battery charger	ref. MCB/L, qty 1
battery maximum charge time	90 min for 100% charge
maximum depth use	80 m / 262 ft
dehumidifier dessiccant cartridge	qty 1, ref. HYSB
protection sleeve	qty 1, ref. MP/H
protection sleeve colours	orange, yellow & reflective strips
transport handle	qty 1
outhaul attachments	qty 2
weight bags for buoyancy settings	qty 6
underwater connection/disconnection	yes
pressurized tool connection/disconnection	yes
single-handed connection/disconnection	yes
anti-pollution hydraulic coupling	yes
T360 technology (any position use)	yes
land & underwater use	yes
neutral buoyancy	yes
underwater air bubbles production	no
dimensions	500 x 210 mm - 19.5 x 8.5 inch
weight	22 kg - 48.5 lbs
hydraulic hose	ref. Mflex2 - ref. Mflex4
Mflex2 length	2 m - 6.5 ft
Mflex2 weight	1.1 kg - 2.5 lbs
Mflex4 length	4 m - 13 ft
Mflex4 weight	1.9 kg - 4 lbs
service handle / cable remote	ref. Mconnect 2 - ref. Mconnect 4
Mconnect 2 length	2 m - 6 ft
Mconnect 2 weight	1.3 kg - 3 lbs
Mconnect 4 length	4 m - 13 ft
Mconnect 4 weight	1.6 kg - 3.5 lbs
weight bags for buoyancy settings	qty 6, ref. LOAD250
weight bag weight	250 gr - 9 oz
safety sling	qty 1, ref. Srope
Srope & snap-hook tested on drive-bench	yes
sling length	700 mm - 2 ft
sling weight	300 gr - 10.5 oz
Mpower's maintenance bag	qty 1, ref. MP/MBI
delivered in PELICASE transport case	yes, ref. VDT/M38
colour	black
silica gel cartridge	qty 1, used to prevent humidity
transport / telescopic handles - wheels	yes
IP rated (case closed)	IP67
fresh water washable	yes
dimensions	781 x 520 x 295 mm - 31 x 20 x 11 inch
weight empty	16.5 kg - 2 st
weight loaded	47 kg - 7 st



service handle / cable remote	ref. Mconnect 2 - ref. Mconnect 4
Mconnect 2 length	2 m - 6 ft
Mconnect 2 weight	1.3 kg - 3 lbs
Mconnect 4 length	4 m - 13 ft
Mconnect 4 weight	1.6 kg - 3.5 lbs

weight bags for buoyancy settings	qty 6, ref. LOAD250
weight bag weight	250 gr - 9 oz

safety sling	qty 1, ref. Srope
Srope & snap-hook tested on drive-bench	yes
sling length	700 mm - 2 ft
sling weight	300 gr - 10.5 oz

Mpower's maintenance bag	qty 1, ref. MP/MBI
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delivered in PELICASE transport case	yes, ref. VDT/M38
colour	black
silica gel cartridge	qty 1, used to prevent humidity
transport / telescopic handles - wheels	yes
IP rated (case closed)	IP67
fresh water washable	yes
dimensions	781 x 520 x 295 mm - 31 x 20 x 11 inch
weight empty	16.5 kg - 2 st
weight loaded	47 kg - 7 st



Mpower hydraulic power unit, Mflex hydraulic hose & Mconnect service handle can supply :

The Mpower power unit supplies all the tools from the LIBERVIT maritime rescue range.
We designed this unit with in mind the fact that we wanted it to power supply all our latest tools but also all the LIBERVIT tools manufactured these last 20 years.



MLD40 hydraulic cutter



MBP40 hydraulic cutter



MLDL40 hydraulic cutter



MBPL40 hydraulic cutter



MU400 hydraulic cutter



MVT5 hydraulic jack



MVT380 hydraulic jack



ME4 hydraulic spreader



ME5 hydraulic spreader

Hydraulic cutters sets

designed to cut through all kind of material the M63 hydraulic cutter set comes with a hydraulic cutter, its own buoyancy control device & some weight bags, a length adjustable and a safety sling in a PELICASE transport case.





M63 hydraulic cutter sets

The M63 set includes :

one of the Mseries hydraulic cutter, a buoyancy control device, some weight bags for buoyancy settings, a length adjustable sling and a safety sling in a VDT/M63 - transport case. Different models are available from the Mseries cutters : short curved blades MBP40 & long curved blades MBPL40, short straight blades MLD40 & long straight blades MLDL40 and the U shape blades MU400.

Designed to cut through all kind of material wether with motor vehicles, ships, aircrafts, etc. these cutters will help you through any land, watery and underwater during extrication or search & rescue operations.



On option, a M-FLASHLIGHT switch-ring bezel rotation light is fully waterproof, impact resistant and omnidirectional. This light is designed to help keep you safe and make sure you are found in an emergency situation. Includes a removable belt clip.

The M63 case includes :

short curved blades hydraulic cutter	ref. MBP40
or	
long curved blades hydraulic cutter	ref. MBPL40
or	
short straight blades hydraulic cutter	ref. MLD40
or	
long straight blades hydraulic cutter	ref. MLDL40
or	
U shape blades hydraulic cutter	ref. MU400
buoyancy control device	ref. Mstab-63
weight bags for buoyancy settings	qty 6, ref. LOAD250
length adjustable sling	ref. Mrope
safety sling	ref. Srope
PELICASE transport case	ref. VDT/M63
case dimensions	781 x 520 x 295 mm - 31 x 20 x 11 inch
empty case weight	21.5 kg - 3 st
Mseries cutter, buoy & accessories' case weight	40 kg - 6 st
MU400 cutter, buoy & accessories' case weight	40.3 kg - 6.5 st

TECHNICAL CHARACTERISTICS

Mseries cutters maximum cutting force	400 kN
round bar maximum cutting capacity*	Ø 22 mm - 0.8 inch
transport handle	qty 1
Mrope attachment ring	yes
safety check valve	yes
colours	orange / black
short curved blades hydraulic cutter	ref. MBP40
blades maximum opening	75 mm - 3 inch
dimensions	510 x 242 x 197 mm - 20 x 9.5 x 7.5 inch
weight	13.24 kg - 29.1 lbs
long curved blades hydraulic cutter	ref. MBPL40
blades maximum opening	105 mm - 4 inch
dimensions	551 x 242 x 197 mm - 21.5 x 9.5 x 7.5 inch
weight	13.8 kg - 30.4 lbs
short straight blades hydraulic cutter	ref. MLD40
blades maximum opening	143 mm - 5.5 inch
dimensions	530 x 242 x 197 mm - 20.8 x 9.5 x 7.5 inch
weight	13 kg - 28.6 lbs
long straight blades hydraulic cutter	ref. MLDL40
blades maximum opening	203 mm - 9 inch
dimensions	590 x 242 x 197 mm - 23.2 x 9.5 x 7.5 inch
weight	13.74 kg - 30.2 lbs
U shape blades hydraulic cutter	ref. MU400
blades maximum opening	160 mm - 6.3 inch
dimensions	600 x 242 x 197 mm - 24 x 9.5 x 7.5 inch
weight	14.7 kg - 32.4 lbs
maximum depth use	80 m / 262 ft
underwater connection/disconnection	yes
pressurized tool connection/disconnection	yes
single-handed connection/disconnection	yes
anti-pollution hydraulic coupling	yes
buoyancy controlled with a buoyancy control device	yes
neutral buoyancy when used	
with its Mstab-63 buoyancy control device	yes
underwater air bubbles production	no
land & underwater use	yes

* steel used during cutting trials of Ø 22 mm (1 inch) bars, NF S235/EN10027





delivered in PELICASE transport case	yes, ref. VDT/M63
colour	black
silica gel cartridge	qty 1, used to prevent humidity
transport / telescopic handles - wheels	yes
IP rated (case closed)	IP67
fresh water washable	yes
dimensions	781 x 520 x 295 mm - 31 x 20 x 11 inch
weight empty	21.5 kg - 3 st
case weight with Mseries cutter, buoy and accessories	40 kg - 6 st
case weight with MU400 cutters, buoy and accessories	40.3 kg - 6.5 st



Mstab-63 buoyancy control device & hydraulic cutter



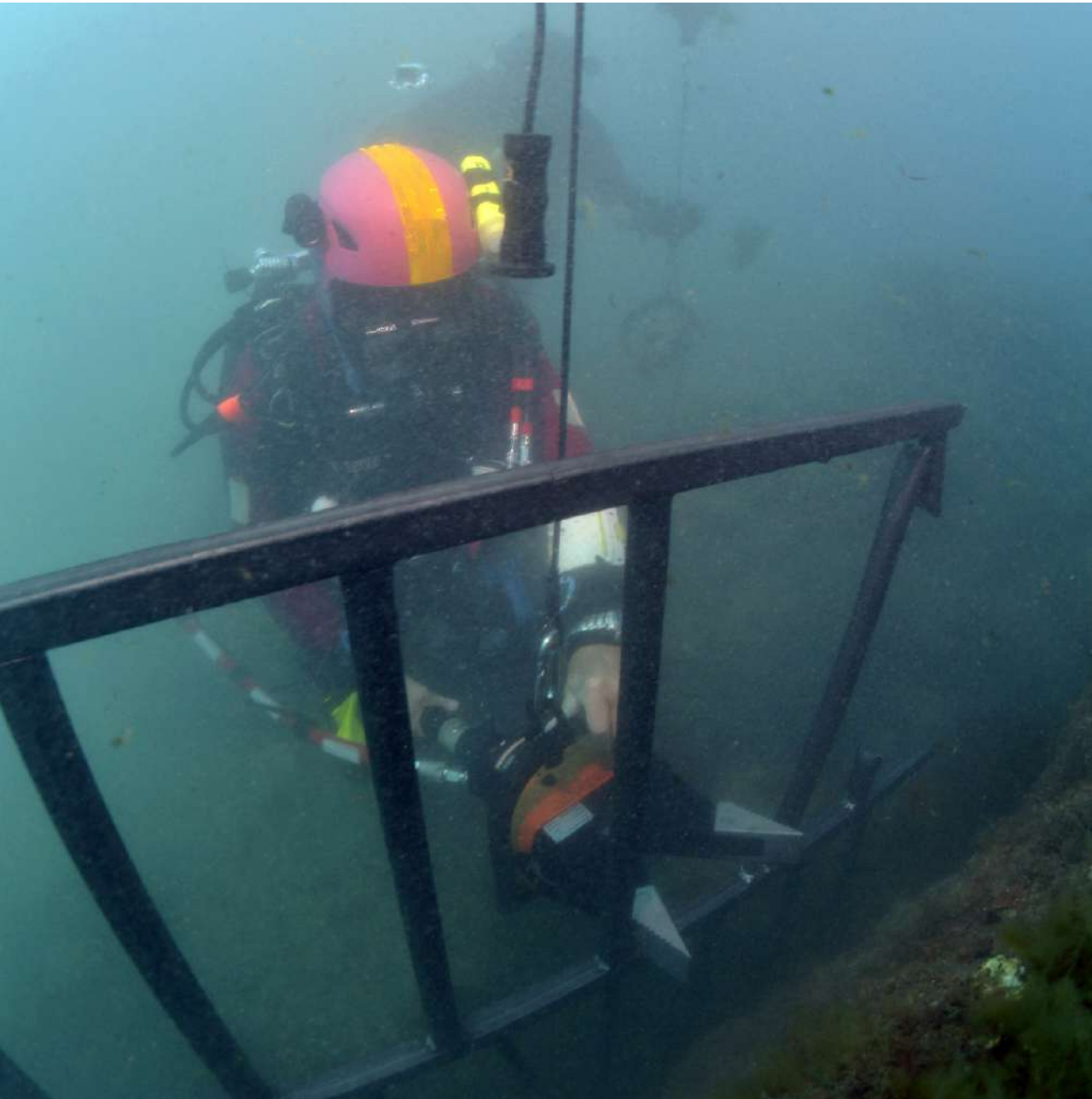
TECHNICAL CHARACTERISTICS

	Mseries & MU400*cutters' buoyancy control device	ref. Mstab-63
	maximum depth use	80 m - 262 feet
	horizontal & vertical use	yes
	Mstab-63 dimensions	Ø 180 mm x 660 mm - Ø 7 inch x 26 inch
	weight bags pockets	yes
	Rope pocket	yes
	Mstab-63 weight	5 kg - 11 lbs
	colours	black, orange, yellow & reflective strips
	underwater air bubbles production	no
	weight bags for buoyancy settings	qty 6, ref. LOAD250
	weight bag weight	250 gr / 9 oz
	length adjustable sling	ref. Mrope
	horizontal or vertical use	yes
	tool-buoyancy control device shortest distance	350 mm - 14 inch
	tool-buoyancy control device shortest distance	1 m - 3.2 ft
	weight	600 gr - 1.3 lbs
	Mrope and fasteners tested on a test bench	yes
	safety sling	ref. Rope
	safety sling length	700 mm - 2 ft
	weight	300 gr - 10.5 oz
	Rope and fasteners tested on a test bench	yes

*cutter delivered with its own buoyancy control device, weight bags, length adjustable and safety sling.

Hydraulic spreaders sets

designed to perform lifting and spreading operations underwater, the MB4 & MB5 hydraulic spreader set comes with a spreader, its own buoyancy control device & some weight bags, a length adjustable and a safety sling in a PELICASE transport case.





M64 & M65 hydraulic spreader sets

The M64 & M65 sets includes :

a ME4 or ME5 hydraulic spreader, a buoyancy control device, some weight bags for buoyancy settings, a length adjustable sling and a safety sling in a VDT/M64 or a VDT/M67 - transport case. Designed to spread and lift, the hydraulic spreader comes with its own buoyancy control device, a hydraulic hose combined with an electric service handle and a hydraulic power unit.

Whether with motor vehicles, ships, aircrafts, etc. this spreader will help you through any land, watery and underwater extrication - search & rescue operations.

The ME4 or ME5 spreaders have its own Mstab buoyancy control device, keeping its own mobility and neutral buoyancy and leaving the diver free of any weight. When used from a distance, the spreader maintains its neutral buoyancy even after spreading or lifting, giving the operator and the equipment full safety. The Mpower hydraulic power unit feeds the spreader, works in any positions and has neutral buoyancy.



On option, a M-FLASHLIGHT switch-ring bezel rotation light is fully waterproof, impact resistant and omnidirectional. This light is designed to help keep you safe and make sure you are found in an emergency situation. Includes a removable belt clip.

The M64 or the M65 case includes :

hydraulic spreader	ref. ME4	ref. ME5
buoyancy control device	ref. Mstab-64	ref. Mstab-67
weight bags for buoyancy control device settings	qty 6, ref. LOAD250	qty 6, ref. LOAD250
length adjustable sling	ref. Mrope	ref. Mrope
safety sling	ref. Srope	ref. Srope
PELICASE transport case	ref. VDT/M64	ref. VDT/M67
dimensions	781 x 520 x 295 mm - 31 x 20 x 11 inch	781 x 520 x 295 mm - 31 x 20 x 11 inch
empty case weight	21.5 kg - 3 st	21.5 kg - 3 st
case weight with spreader, buoy and accessories	36 kg - 5.5 st	39 kg - 6 st

Hydraulic spreaders & accessories

TECHNICAL CHARACTERISTICS

hydraulic spreader	ref. ME4
arms maximum opening	288 mm - 11 inch
maximum spreading force	84 kN
transport handle	qty 1
Mrope fixation ring	yes
hydraulic check-valve	yes
colours	orange / black
dimensions	480 x 280 x 170 mm - 19 x 11 x 6.5 inch
weight	14.5 kg - 28 lbs



hydraulic spreader	ref. ME5
arms maximum opening	500 mm - 19.5 inch
maximum spreading force	50 kN
transport handle	qty 1
Mrope fixation ring	yes
hydraulic check-valve	yes
colours	orange / black
dimensions	589 x 226 x 228 mm - 23 x 9 x 9 inch
weight	16.7 kg - 2.6 st



maximum depth use	80 m / 262 ft
underwater connection/disconnection	yes
pressurized tool connection/disconnection	yes
single-handed connection/disconnection	yes
anti-pollution hydraulic coupling	yes
buoyancy controled with a buoyancy control device	yes
neutral buoyancy when used	
with its Mstab-64 buoyancy control device	yes
underwater air bubbles production	no
land & underwater use	yes

ME4 & accessories delivered in PELICASE transport case	yes, ref. VDT/M64
colour	black
silica gel cartridge	qty 1, used to prevent humidity
transport / telescopic handles - wheels	yes
IP rated (case closed)	IP67
fresh water washable	yes
dimensions	781 x 520 x 295 mm - 31 x 20 x 11 inch
weight empty	21.5 kg - 3 st
case weight with ME4 spreader, buoy and accessories	36 kg - 5.5 st







ME5 & accessories delivered in PELICASE transport case	yes, ref. VDT/M67
colour	black
silica gel cartridge	qty 1, used to prevent humidity
transport / telescopic handles - wheels	yes
IP rated (case closed)	IP67
fresh water washable	yes
dimensions	781 x 520 x 295 mm - 31 x 20 x 11 inch
weight empty	21.5 kg - 3 st
case weight with ME5 spreader, buoy and accessories	39 kg - 6 st

Mstab-64 or Mstab-67 buoyancy control device & hydraulic spreader



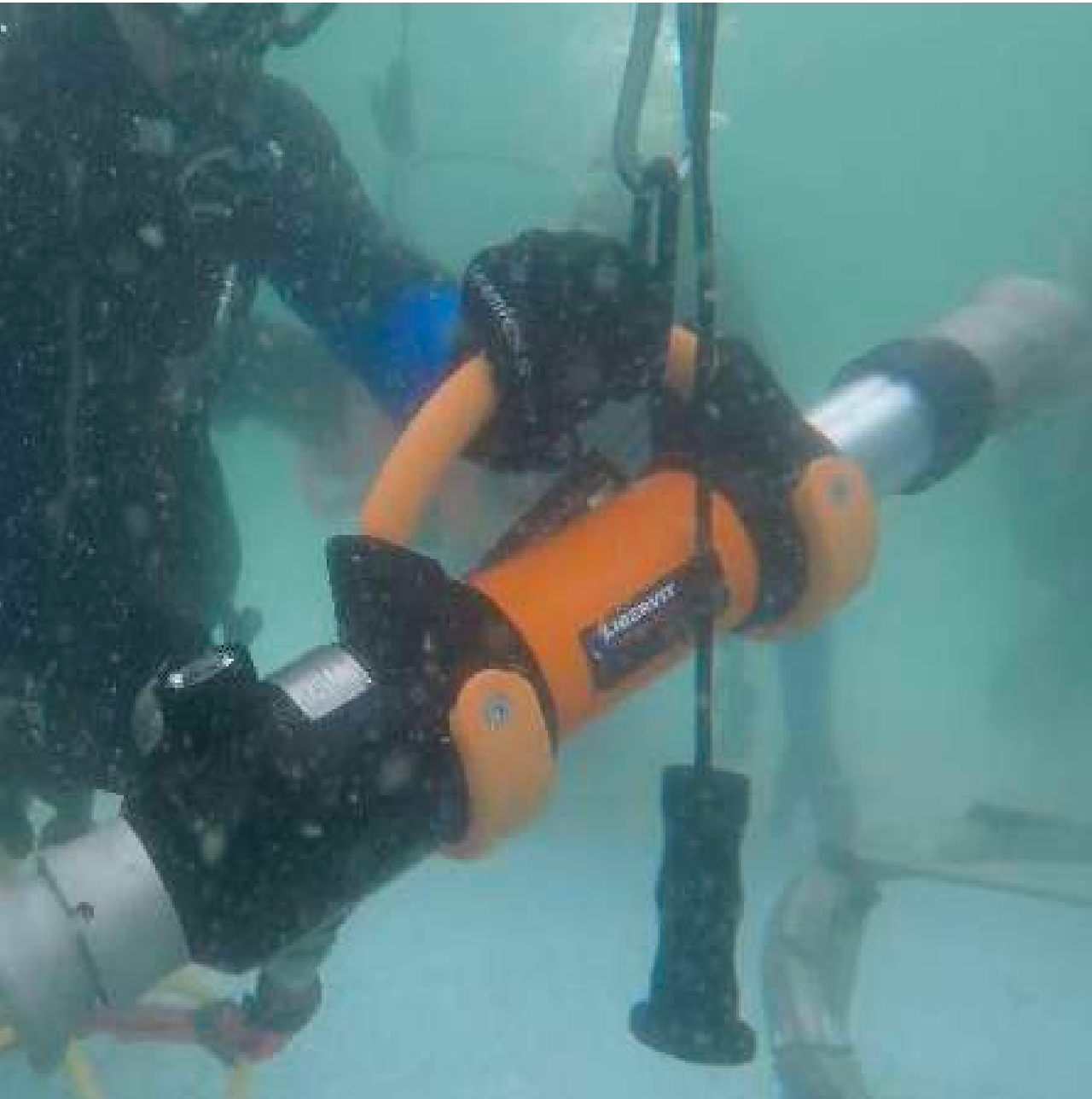
TECHNICAL CHARACTERISTICS

	ME4* spreader's buoyancy control device	ref. Mstab-64
	ME5* spreader's buoyancy control device	ref. Mstab-67
	maximum depth use	80 m - 262 feet
	horizontal & vertical use	yes
	Mstab-64 dimensions	Ø 180 mm x 660 mm - Ø 7 inch x 26 inch
	Mstab-67 dimensions	Ø 180 mm x 685 mm - Ø 7 inch x 27 inch
	weight bags pockets	yes
	Rope pocket	yes
	Mstab-63 weight	5 kg - 11 lbs
	Mstab-67 weight	5.5 kg - 12 lbs
colours	black, orange, yellow & reflective strips	
underwater air bubbles production	no	
	weight bags for buoyancy control device settings	qty 6, ref. LOAD250
	weight bag weight	250 gr / 9 oz
	length adjustable sling	ref. Rope
	horizontal or vertical use	yes
	tool-buoyancy control device shortest distance	350 mm - 14 inch
	tool-buoyancy control device shortest distance	1 m - 3.2 ft
	weight	600 gr - 1.3 lbs
	Mrope and fasteners tested on a test bench	yes
	safety sling	ref. Rope
	safety sling length	700 mm - 2 ft
	weight	300 gr - 10.5 oz
	Rope and fasteners tested on a test bench	yes

*spreader delivered with its own buoyancy control device, weight bags, length adjustable and safety sling.

Hydraulic telescopic jacks & extension

designed to perform lifting, spreading, prising open, raising or pushing operations underwater, the M65 hydraulic telescopic jack set comes with a telescopic jack, its own buoyancy control device & some weight bags, a length adjustable and a safety sling in a PELICASE transport case.





M65 - M66 hydraulic telescopic jack sets

The M65 or M66 set includes :

a hydraulic telescopic jack and its extension, a buoyancy control device, some weight bags for buoyancy settings, a length adjustable sling and a safety sling in a VDT/M64 or VDT/M66 - transport case.

Designed to spread, lift, prise open, raise or push, the jack comes with its extension and a buoyancy control device.

To activate the hydraulic jack, a hydraulic hose combined with an electric service handle will be connected to a hydraulic power unit. Be it on an automotive vehicle, a vessel, an aircraft, etc. the jack and its RMVT5 extension will be a great help for any extrication operations on land or underwater.

With the Mstab buoyancy control device the jack keeps its mobility and has a neutral buoyancy leaving the diver free of any weight. When used from a distance, the spreader maintains its neutral buoyancy even after spreading or lifting giving the operator and the equipment full safety. On the Mstab can be found a pocket designed for the RMVT5 storage.



On option, the M-FLASHLIGHT switch-ring bezel rotation light is fully waterproof, impact resistant and omnidirectional. This light is designed to help keep you safe and make sure you are found in an emergency situation. Includes a removable belt clip.

The M65 or M66 case includes :

telescopic hydraulic jack	ref. MVT5	ref. MVT380
jack extension	ref. RMVT5	ref. RMVT5
buoyancy control device	ref. Mstab-65	ref. Mstab-66
weight bags for buoyancy control device settings	qty 6, ref. LOAD250	qty 6, ref. LOAD250
length adjustable sling	ref. Mrope	ref. Mrope
safety sling	ref. Srope	ref. Srope
PELICASE transport case	ref. VDT/M65	ref. VDT/M66
dimensions	781 x 520 x 295 mm - 31 x 20 x 11 inch	630x 510 x 300 mm - 25 x 20 x 12 inch
empty case weight	21.5 kg - 3 st	13 kg - 2 st
case weight with jack & extension, buoy & accessories	33.1 kg - 5 st	39 kg - 6 st

Hydraulic telescopic jacks & accessories

TECHNICAL CHARACTERISTICS

telescopic hydraulic jack	ref. MVT5
first stage push force	100 kN
second stage push force	49 kN
length retracted	540 mm - 1.7 ft
jack's stroke	385 mm - 1.2 ft
total length deployed	925 mm - 2.8 ft
transport handle	qty 1
Mrope attachment ring	yes
safety check valve	yes
colour	orange/black
dimensions	540 x 78 x 180 mm - 21 x 3 x 7 inch
weight	11 kg - 2 st



telescopic hydraulic jack	ref. MVT380
first stage push force	100 kN
second stage push force	49 kN
length retracted	79.5 mm - 3 inch
jack's stroke	62 mm - 2.5 inch
total length deployed	516 mm - 20.5 inch
transport handle	qty 1
Mrope attachment ring	yes
safety check valve	yes
colour	orange/black
dimensions	375 x 78 x 180 mm - 15 x 3 x 7 inch
weight	6.5 kg - 1 st



telescopic jack extension	ref. RMVT5
dimensions	205 x 65 mm - 8 x 2.5 inch
weight	680 gr - 1.5 lbs

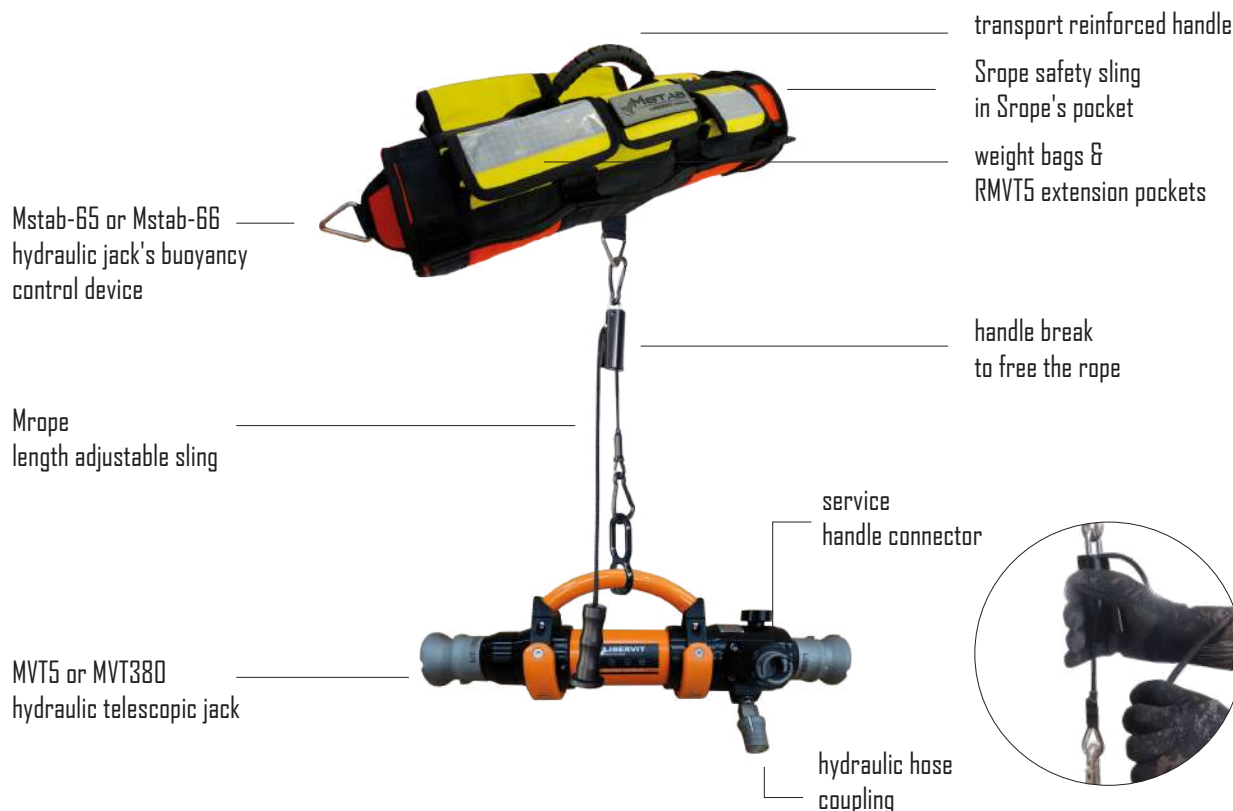


maximum depth use	80 m / 262 ft
underwater connection/disconnection	yes
pressurized tool connection/disconnection	yes
single-handed connection/disconnection	yes
anti-pollution hydraulic coupling	yes
buoyancy controled with a buoyancy control device	yes
neutral buoyancy when used	
with its Mstab-65 buoyancy control device	yes
underwater air bubbles production	no
land & underwater use	yes







delivered in PELICASE transport case	yes, ref. VDT/M65	yes, ref. VDT/M66
colour	black	black
silica gel cartridge	qty 1, used to prevent humidity	qty 1, used to prevent humidity
transport / telescopic handles - wheels	yes	yes
IP rated (case closed)	IP67	IP67
fresh water washable	yes	yes
VDT/MVT5's transport case dimensions	781 x 520 x 295 mm - 31 x 20 x 11 inch	630 x 510 x 300 mm - 25 x 20 x 12 inch
weight empty	21.5 kg - 3 st	10.5 kg - 23 lbs
case weight with jack & extension, buoy and accessories	33.1 kg - 5 st	28.5 kg - 63 lbs

Mstab-65 or Mstab-66 buoyancy control device & hydraulic telescopic jack



TECHNICAL CHARACTERISTICS

	MVT5* jack's buoyancy control device	ref. Mstab-65
	MVT380* jack's buoyancy control device	ref. Mstab-66
	maximum depth use	80 m - 262 feet
	horizontal & vertical use	yes
	Mstab-65 dimensions	Ø 180 mm x 600 mm - Ø 7 inch x 23.5 inch
	Mstab-66 dimensions	Ø 180 mm x 685 mm - Ø 7 inch x 27 inch
	weight bags pockets	yes
	Rope pocket	yes
	Mstab-65 weight	5 kg - 11 lbs
	Mstab-66 weight	5.5 kg - 12 lbs
	colours	black, orange, yellow & reflective strips
	underwater air bubbles production	no
	weight bags for buoyancy settings	qty 6, ref. LOAD250
	weight bag weight	250 gr / 9 oz
	length adjustable sling	ref. Mrope
	horizontal or vertical use	yes
	tool-buoyancy control device shortest distance	350 mm - 14 inch
	tool-buoyancy control device shortest distance	1 m - 3.2 ft
	weight	600 gr - 1.3 lbs
	Mrope and fasteners tested on a test bench	yes
	safety sling	ref. Rope
	safety sling length	700 mm - 2 ft
	weight	300 gr - 10.5 oz
	Rope and fasteners tested on a test bench	yes

*telescopic jack delivered with its own buoyancy control device, weight bags, length adjustable and safety sling.

OXsea - thermic cutting unit

The OXsea thermic cutting unit offers the most versatile possibilities for boring and cutting all kind of material on land, aquatic and underwater environment.





OXsea - thermic cutting unit

The OXsea thermic cutting unit allows to cut by melting at very high temperature, more than 5000° C, in a short period of time, all kind of material, low or high thicknesses, on land, aquatic or underwater environment (up to 80 m/262 ft depth).

The cutting rod ignites when sparks are created from the friction between the cutting rod and the stainless-steel plate which is fed from a 12V rechargeable battery. According to the diameter of the cutting rod chosen, it will be possible to cut more or less quickly the same thickness of material. The larger the diameter of the cutting rod, the higher the cutting speed but the greater the oxygen consumption. Cutting progress can be paused and resumed at any time.

The OXsea thermic cutting unit is equipped of self-sealing couplers and a safety check valve.

For the users' safety and comfort we've developed and patented a 2 in 1 diving mask (diving/cutting mode). Its retractable UV shield protects the eyes while cutting and can be folded back to dive. The OXsea is delivered with: a 25 cutting rods' box, a retractable UV shield diving mask, a maintenance bag with spare battery, a slip joint pliers, an extractor, a battery indicator, an oxygen grease tube and a spring collet for spare cutting rods.



On option, a M-FLASHLIGHT switch-ring bezel rotation light is fully waterproof, impact resistant and omnidirectional. This light is designed to help keep you safe and make sure you are found in an emergency situation. Includes a removable belt clip.

The OXsea thermic cutting unit includes :

ignition power unit	ref. OXP
thermic torch	ref. OXT
25 cutting rods' box - Ø 9.5 mm - 0.4 inch - 600 mm - 19 inch length	ref. M-ETM95-600
ignition plate with electric cable - 1.2 m - 4 ft	ref. OXI
oxygen bottle & regulator, pressure regulator gauge with oxygen level indication and safety check valve	ref. OXB
oxygen hose (length - 1.5 m - 5 ft)	ref. OXF
retractable diving mask with automatic dimout filters	ref. OXM
maintenance tool bag	ref. OXDM
delivered in a PELICASE® transport case	ref. VDT/OXsea

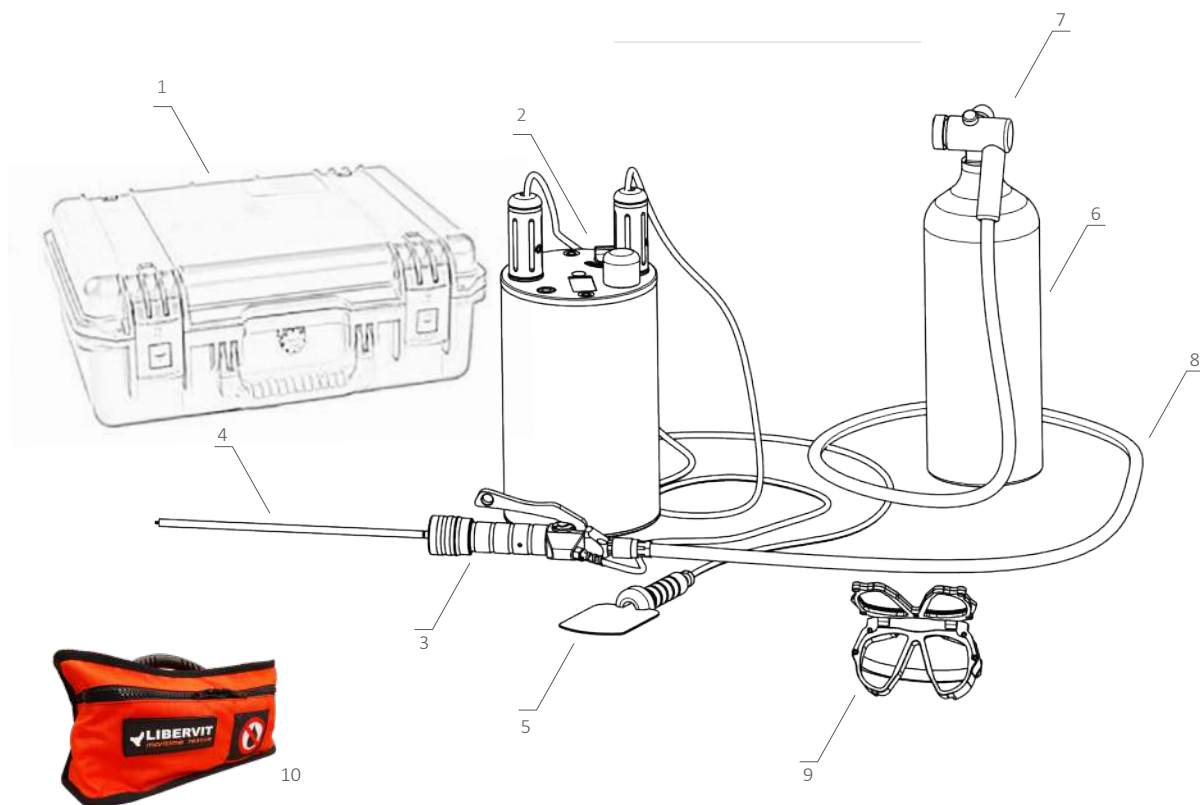
OXsea - thermic cutting unit

maximum depth use	80 m - 262 ft
underwater connection/disconnection	yes
neutral buoyancy when used underwater	yes
transport handle	yes
land & underwater use	yes

TECHNICAL CHARACTERISTICS

OXsea thermic cutting unit	ref. OXsea
includes :	
ignition power unit	ref. DXP
automatic battery charger	yes
battery charge level indicator	yes
power unit dimensions	250 x 350 mm - 9.8 x 13.7 inch
power unit weight	12 kg - 26.5 lbs
power unit's protection sleeve colours	black, orange, yellow & reflectives strips
thermic torch	ref. DXT
25 cutting rods' box	ref. M-ETM95-600
cutting rods type	Ø 9.5 mm - 0.4 inch - 600 mm - 19 inch length
oxygen hose with quick couplings	1.5 m - 5 ft
ignition plate with electric cable	ref. DXI , 1.2 m - 4 ft
6 liters oxygen bottle	ref. DXB
oxygen bottle dimensions	134 x 628 mm - 5 x 25 inch
oxygen bottle weight empty	12 kg - 26.5 lbs
oxygen bottle's protection sleeve colours	black, orange, yellow & reflectives strips
regulator, pressure regulator gauge with oxygen level indication	yes
safety check valve	yes
oxygen hose	ref. DXF , 1.5 m - 5 ft
retractable diving mask with automatic dimout filters	ref. DXM
zipped bag protection	yes
maintenance tools' bag - level I	ref. DXDM
delivered in PELICASE® transport case	ref. VDT/OXsea
colour	black
silica gel cartridge	qty 1, used to prevent humidity
transport / telescopic handles - wheels	yes
IP rated (case closed)	IP67
fresh water washable	yes
dimensions	781 x 520 x 295 mm - 31 x 20 x 11 inch
weight of the complete OXsea unit	29.9 kg - 66 lbs
transport case equipped	46 kg - 101 lbs

OXsea - thermic cutting unit



- 1 - PELICASE® transport case
- 2 - Ignition power unit
- 3 - Thermic torch
- 4 - 25 cutting rod' box - Ø 9.5 mm - 0.4 inch - 600 mm - 19 inch length
- 5 - Ignition plate with electric cable - 1.2 m - 4 ft
- 6 - Oxygen bottle
- 7 - Regulator - pressure regulator gauge with oxygen level indication and safety check valve
- 8 - Oxygen hose - 1.5 m - 5 ft
- 9 - Retractable diving mask with automatic dimout filters & zipped bag protection
- 10 - Maintenance tools' bag

The OXsea unit is delivered with : a 25 cutting rods' box, a retractable diving mask with automatic dimout filters, a maintenance bag including a battery charger, an inox brush to clean the ignition plate, an Allen key set, 10 mm flat spanner, 6 weight bags, a spare pspring collet, a lid extractor, an oxygen circuit special lubricant: TRIBOLUBE 71 and a battery indicator.

The OXsea and its accessories are delivered in a waterproof PELICASE® transport case.

We chose the PELICASE® brand as a guarantee for both quality & long life, they are among the most robust and reliable suitcases on the market. This transport case is lined with high-density black foam in which an imprint of the tool has been made to guarantee its perfect fit and an optimal protection at all times. All our transport cases meet military & air transport standards.





Tcage - training cage

the LIBERVIT training cage is disposable. Underwater LIBERVIT hydraulic cutters & spreaders will be easily tried out on highly resistant metals.





Tcage

The LIBERVIT training cage is disposable.

Underwater hydraulic cutters, spreaders and thermic torch will be easily tried out on highly resistant metals.

Whether used in a pool or at sea, on a surface or suspended, the Tcage with its diverse chains and bars, is the cheapest training option available for anyone wishing to master their cutting/spreading techniques.

TECHNICAL CHARACTERISTICS

training cage	Tcage
dimensions (non-assembled)	500 x 500 x 120 mm - 20 x 20 x 5 inch
dimensions (assembled)	500 x 500 x 500 mm - 20 x 20 x 20 inch
weight	21 kg - 46 lbs
disposable	yes
components	steel
solid steel bars	qty 4, Ø 20 mm - Ø 0.8 inch
solid square bars	qty 3, 20 x 20 mm - Ø 0.8 inch
hollow square bars	qty 3, 30 x 30 mm - Ø 1.2 inch
chains	qty 3, Ø 10 mm - Ø 0.4 inch
delivered non-assembled	yes
assembling time	5 minutes
tools to assemble	not needed
colour	steel

LIBERVIT MAINTENANCE TOOLS

Air compressor & air gun

the COMP/88 portable compressor controls and adjusts the pressure of all your LIBERVIT hydraulic tools.



AIR COMPRESSOR & AIR GUN



The COMP/88 portable compressor controls and adjusts the pressure of all your LIBERVIT hydraulic tools.

The MANIO air gun is a pressure gauge to control and adjust the pneumatic pressure of all our tools in the LIBERVIT range. It can be connected to any standard air compressor.

TECHNICAL CHARACTERISTICS

air compressor	ref. COMP/88 (BLACK+DECKER ref. BDCINF18)
inflator nozzle	LIBERVIT tools adapted nozzle
high pressure hose	60 cm - 23 inch
high volume hose	40 cm - 16 inch
pressure	160 PSI/ 11 BAR
feed source 1	220-230 VOLTS alternating current
feed source 2	12 VOLTS direct current / 12 VOLTS auxiliary power outlet
feed source 3	18 VOLTS Lithium battery
battery	Lithium, qty 1, ref. BL1518 (BLACK+DECKER)
automatic stop	yes
dimensions	260 x 200 x 180 mm - 10 x 8 x 7 inch
weight	2 kg - 4.4 lbs
B&D accessories	not included
transport bag	yes, ref. ST/COMP/88
air gun	ref. MANIO
maximum pressure	12 bar
gun with LIBERVIT adapted nozzle	yes
delivered with manometer	yes
delivered in a solid plastic transport case	yes
case dimensions	292 x 341 x 100 mm - 11.5 x 14.5 x 4 inch
total weight	1.2 kg - 2.5 lbs

LIBERVIT MAINTENANCE TOOLS

ODMM - maintenance case for LIBERVIT maritime rescue equipments

the ODMM case provides all the tools your qualified staff needs to carry out all the Level I maintenance as well as some parts replacement on the cutter, the spreader and the hydraulic unit.



ODMM



The ODMM case provides all the tools your qualified staff needs to carry out all the Level I maintenance as well as some parts replacement on the cutter, the spreader and the hydraulic unit.

TECHNICAL CHARACTERISTICS

LIBERVIT maintenance tools in transport case delivered in PELICASE® transport case	ref. ODMM*
case dimensions	130 × 410 × 160 mm - 44 × 16 × 6 inch
total weight (with maintenance tools)	14.5 kg - 2 st

The tools included in the transport case :

1 xl torque wrench (ref. CD-DDM)	11 xl Phillips tip screwdriver (ref. GTP-DDM)
2 xl 22 combination spanner (ref. CM22-DDM)	12 xl 400 ml adhesive grease spray (ref. SG400-DDM)
3 xl 21 combination spanner (ref. CM21-DDM)	13 xl MOLYKOTE 55 - 100g/3.5 oz, silicon grease (ref. MOLYKOTE55)
4 xl pair of 19 combination spanners (ref. CM19-DDM)	14 xl special Mpower 0-400 bar manometer (ref. MP/MN)
5 xl slip joint plier (ref. PM-DDM)	15 xl air gun (ref. MAN10-DDM)
6 xl rubber hammer (ref. NBS2)	16 xl silica gel cartridge (ref. HYSB)
7 xl Allen Key's set (ref. BTR-DDM)	17 xl extractor (ref. MPE)
8 xl Ø 3-10 circlip plier (ref. PC310-DDM)	18 xl Mstab's extractor link (ref. MPE/Mstab)
9 xl Ø 10-25 circlip plier (ref. PC1025-DDM)	19 xl cloth (ref. C-DDMM)
10 xl keystone tip screwdriver (ref. GTC-DDM)	

*On option when buying an M3863 - M3864 - M3863/64 - M3863/64/65 unit.

LIBERVIT MAINTENANCE TOOLS

M/GC/200 - floor blanket



M/GC/200



Made of Cordura® nylon fabric , the floor blanket GCN/200 is intended to create a clean and secure space allowing all the necessary tools and equipment to be placed during interventions in dirty or hazardous areas. Dirt-repellent. The floor cover is delivered in a transport bag.



TECHNICAL CHARACTERISTICS

reference	GC/120
component	grey PVC
transport handle	yes
washable	yes
dimensions opened	1200 x 1500 mm - 4 x 5 ft
weight	1.6 kg - 3.5 lbs

LIBERVIT MAINTENANCE TOOLS

DS80 - depth simulator

any underwater equipment need to undergo thorough testing to check its tightness before shipping.





DS80

Any underwater equipment need to undergo thorough testing to check its tightness before shipping.

During their lifetime, equipment and tools will need to be checked for tightness on a regular basis to maintain their highest performances and be safe to use.

LIBERVIT has designed a portable tightness testing tank to ease the testing process as this is not always doable or accessible.

Our testing tank reproduces all the mechanical stresses withstood during a dive. This means that you will no longer need to use the services of a private contractor.

The LIBERVIT depth simulator is easy to use: simply plunge the equipment to test in the fresh water filled tank and close the testing bench cover. The equipment will be tested at the same pressure than the one found by 80m (262ft) depth.

TECHNICAL CHARACTERISTICS

depth simulator	ref. DS80
dimensions including chassis	1200 x 700 x 1000 mm - 4 x 2 x 3 ft
weight empty	126 kg - 19.8 ft
depth simulated	80 m - 262 ft
fill with	fresh water
water manual pump	yes
pressure indicator	yes
chassis on wheel	yes
2 rotating wheels with brakes	yes
tank for power unit	yes
tank for buoy	yes
drain tap	yes
handling spanner	qty 1
torque wrench	qty 1

LIBERVIT tools' use & maintenance training





light hydraulic door-openers



anti-panic doors hydraulic door-opener



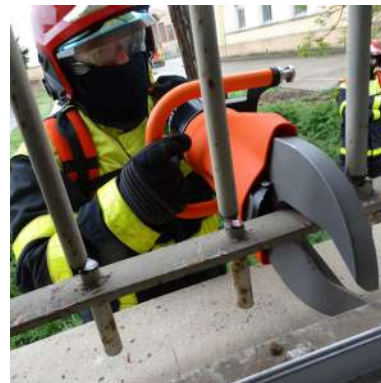
mid-range hydraulic door-openers



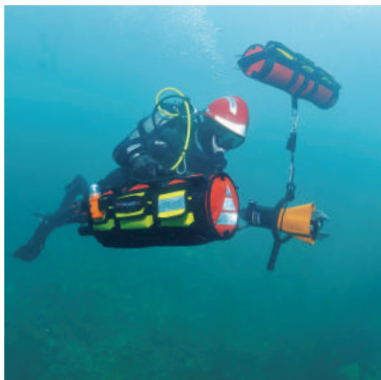
breaching hydraulic units



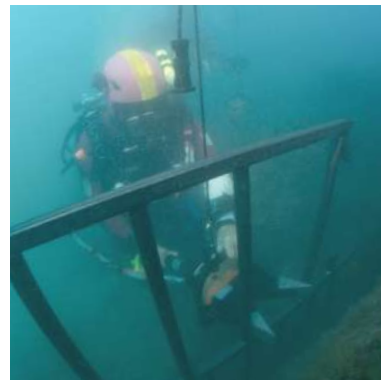
high performance hydraulic door-opener



cutters/ spreaders/ hydraulic jacks



land, watery & underwater cutting unit



land, watery & underwater spreading, lifting, raising unit

LIBERVIT tools' use & maintenance training



Success and failure in handling entry, extrication, search & rescue equipment on land or underwater is closely linked to the equipment workmanship but also to the users' experience and deftness.

To the rescuers working with our LIBERVIT hydraulic tools we are offering courses on commissioning, optimized set-up and maintenance.

The training is done by LIBERVIT qualified staff and does not offer rescue advice. The training can be done on our premises or on site. Our premises offer the comfort of a classroom as well as a training facility with tactical training doors.

We remain at your disposal to answer your training request and will try to adapt our calendar to yours.

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RESCUE-OPS III

CONGRESS OF TACTICAL AND RESCUE UNITS FOR GROUND AND UNDERWATER OPERATIONS

RESCUE-OPS is a unique event in Europe that gathers for 2 days in Alicante, Spain, purchasing managers, technical managers, end users and manufacturers.

- Totally dedicated to firefighters, police, gendarmes and military.
- Enhanced with seminars, practical sessions, discussions with experts and permanent exhibition of professional equipment.
- Allows visitors to chat with many manufacturers of international stature.
- Allows visitors who want to try a lot of materials dedicated to rescue operations as well as land, watery and underwater special operations.

If you are a Firefighter or belong to a Special Police, Gendarmerie or Military unit if you are called to operate on land, watery or underwater,

RESCUE-OPS is the event you should not miss in any circumstances.

Register for RESCUE-OPS 2025 : service@rescue-ops.es



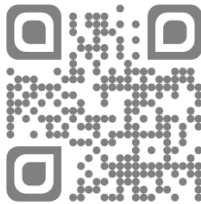
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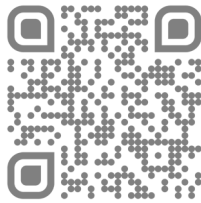
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