

COLOSSUS

MULTI-PURPOSE FIRE FIGHTING ROBOT
3800 L/MIN - 1003 GPM



MISSIONS



FIRE
EXTINGUISHMENT



CBRN
DECONTAMINATION



RECONNAISSANCE



CASUALTY
EVACUATION



EQUIPMENT
TRANSPORT



OBSTACLE
CLEARANCE



RESPIRATORY
SUPPORT



SMOKE
EXTRACTION



BEST MODULAR ROBOTIC TOOL
TO SUPPORT FIREFIGHTERS



FIELD-PROVEN ROBOT



NON-STANDARD CROSSINGS



RESISTANCE TO
VERY HIGH TEMPERATURES



TOOL-FREE INTERCHANGEABLE
MISSION MODULES IN LESS
THAN 30 SECONDS



12-HOUR OPERATIONAL LIFESPAN

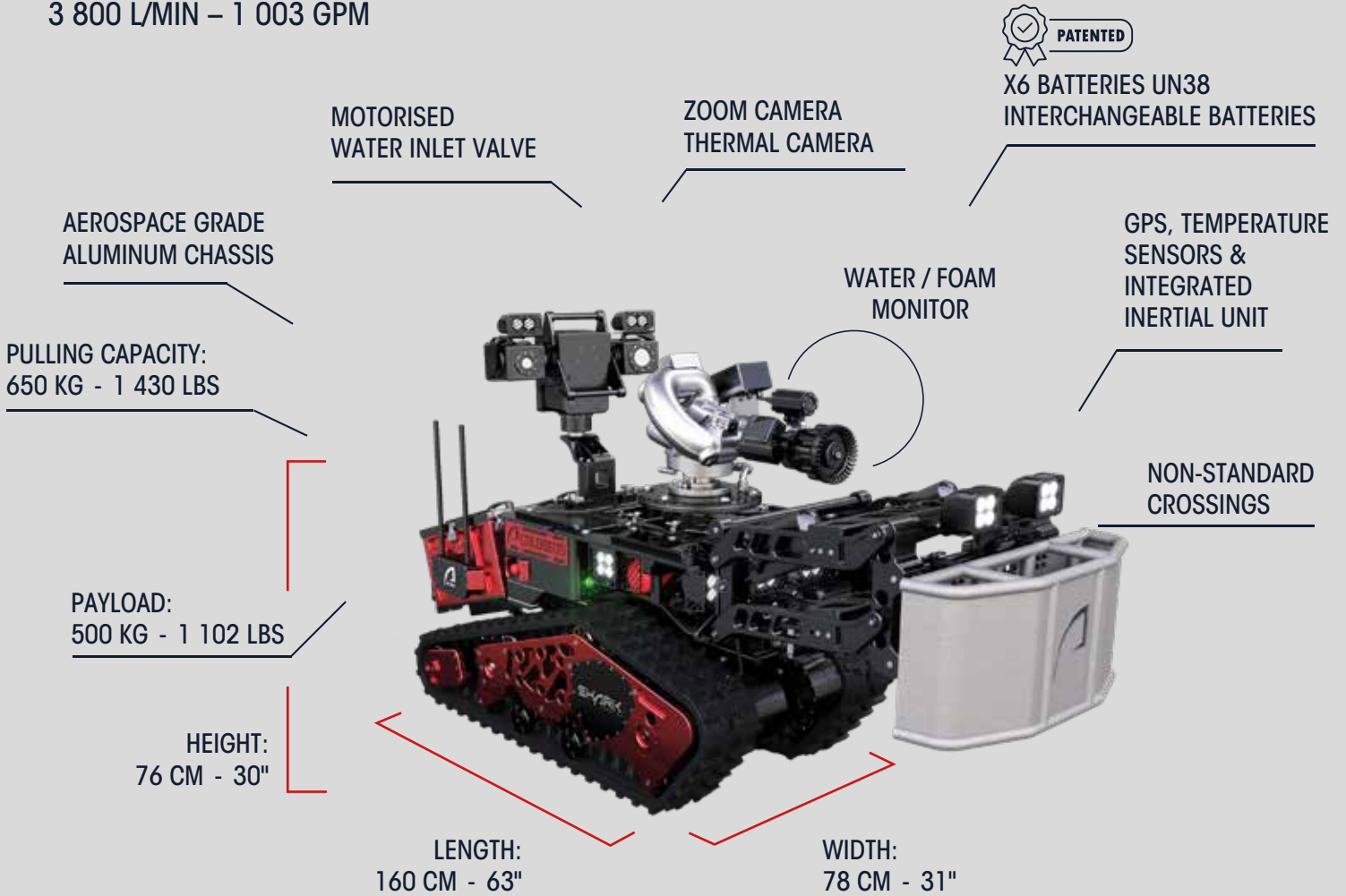


FAST DEPLOYMENT
AND LOW MAINTENANCE



COLOSSUS

3 800 L/MIN – 1 003 GPM



MOTORISED
WATER INLET VALVE

ZOOM CAMERA
THERMAL CAMERA



X6 BATTERIES UN38
INTERCHANGEABLE BATTERIES

AEROSPACE GRADE
ALUMINUM CHASSIS

GPS, TEMPERATURE
SENSORS &
INTEGRATED
INERTIAL UNIT

PULLING CAPACITY:
650 KG - 1 430 LBS

WATER / FOAM
MONITOR

NON-STANDARD
CROSSINGS

PAYLOAD:
500 KG - 1 102 LBS

HEIGHT:
76 CM - 30"

LENGTH:
160 CM - 63"

WIDTH:
78 CM - 31"

WEIGHT: 525 KG - 1 157 LBS

SPEED: 3.5 KM/H - 2.2 MPH

OBSTACLE CLEARANCE: UP TO 30 CM - 12"

WATERPROOF & DUSTPROOF: IP67 LEVEL

MOTORIZATION: ELECTRIC ENGINES
2 X 4000 W

LITHIUM-ION: x6 BATTERIES
SHARK ENERGY UN38 INTERCHANGEABLE BATTERIES

SLOPE: UP TO 40° - SIDE SLOPE: UP TO 30°

OPERATIONAL LIFESPAN: 12 HOURS

20+ COUNTRIES WORLDWIDE



1 ROBOT, 8 MISSION MODULES



WATER / FOAM MONITOR



VIDEO TURRET 180°



MOTORISED BULL BAR



BREATHING AIR SYSTEM



STRETCHER FOR WOUNDED PEOPLE



EQUIPMENT TRANSPORTATION BASKET



LARGE-FLOW P.P.V.



ARM (LIFT CAPACITY: 70 KG / 154 LBS)

ADDITIONAL OPTIONS



▶ SENSOR TRAY:
CBRN, GAS, ETC.



▶ MESH RELAY FOR LONG
DISTANCE TRANSMISSIONS



▶ EXTRA
BATTERIES



▶ FRONT | BACK
CONTROL CAMERAS

SHARK STATION REMOTE CONTROL WITH VIDEO FEEDBACK

- VIDEO TURRET CONTROL: ZOOM & THERMAL CAMERAS
 - TELEMETRY FEEDBACK: TEMPERATURE, TRANSMISSION QUALITY, ETC.
 - TRANSMISSION DISTANCE:
ON AVERAGE 1 000 M - 3 280 FT LOS WITH MESH RELAY
 - DRIVING ASSISTANCE
THANKS TO VIRTUAL LINES
 - REMOTE CONTROL OF THE ROBOT
WITH DUAL FREQUENCY (2.4 GHZ)
 - GPS INTEGRATED
 - PITCH & ROLL
 - ALLOWS TO CONTROL THE TABLET WITH GLOVES
 - VIDEO AND PHOTO RECORDING,
WITH THE POSSIBILITY OF PLAYBACK ON THE TABLET
 - IN-HOUSE MASTERED SOFTWARE:
CONTINUOUS INTEGRATION OF NEW IMPROVEMENTS AND DEVELOPMENT OF AI BRICKS
- + SHARK STREAMER (OPTION)

