

BARAKUDA

MULTI-PURPOSE MULE
MODULAR UNMANNED GROUND VEHICLE (UGV)



POWERFUL UGV FOR RAPID DEPLOYMENT
IN HOSTILE ENVIRONNEMENTS

CARRY 500 KG OF EQUIPMENT

10 HOURS OF
OPERATIONAL LIFESPAN

TOWING BY VEHICULES

TOOL-FREE MODULAR SYSTEM

EASY TO USE AND
LOW MAINTENANCE

MISSIONS

RECONNAISSANCE

ALL-TERRAIN

CASUALTY
EVACUATION

INFORMATION
RECORDING

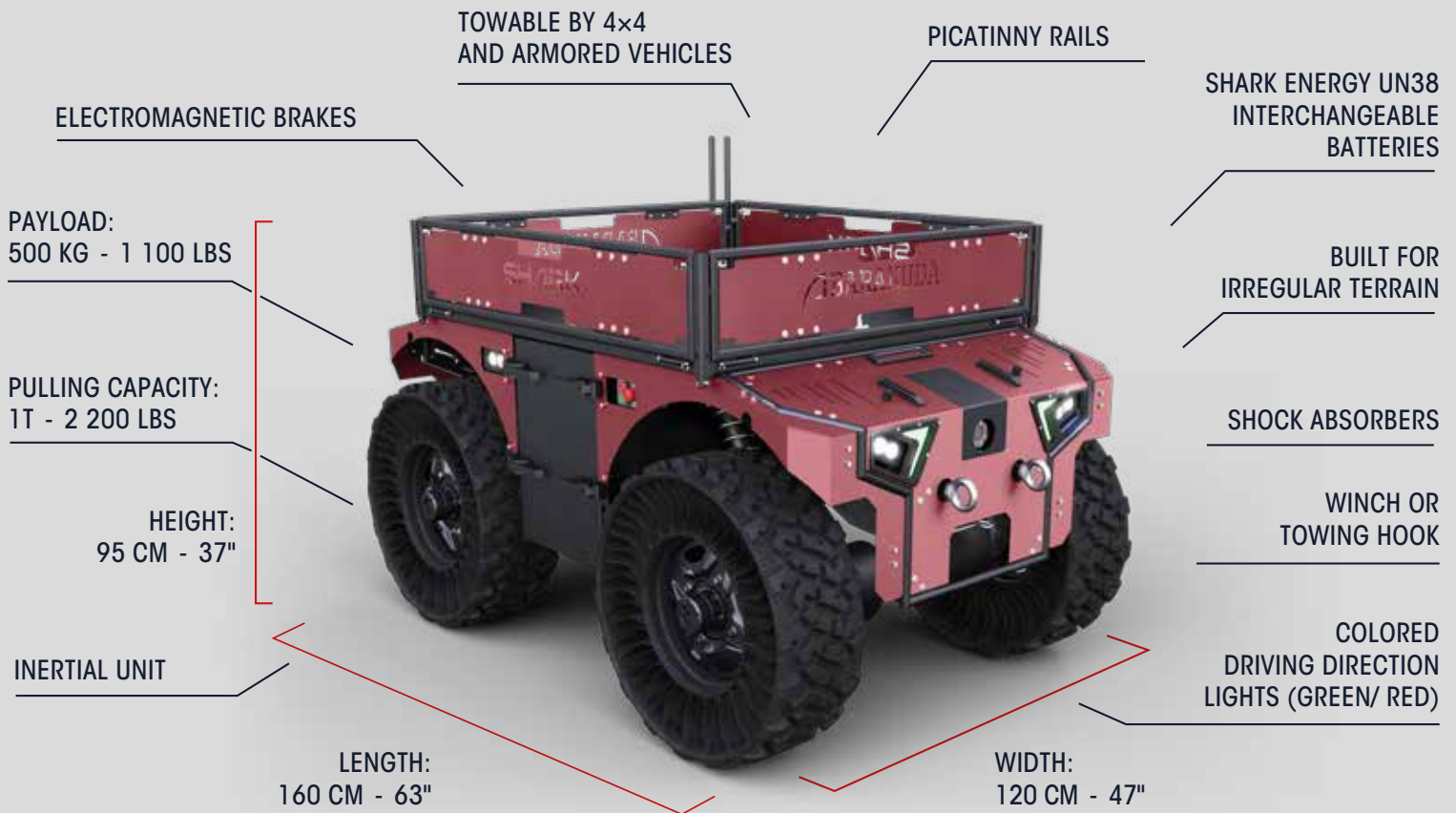
TRANSPORTING
EQUIPMENT

OBSTACLE
CLEARANCE



SPECIFICATIONS

BARAKUDA





 WEIGHT: 650 KG - 1 433 LBS

 OBSTACLE CLEARANCE: UP TO 30 CM - 12"

 SLOPE: 40° - SIDE SLOPE: 30°

 OPERATIONAL LIFESPAN: 10 HOURS

 CONTROL DISTANCE: ON AVERAGE
1 000 M - 3 280 FT LOS WITH MESH RELAY

 SPEED: 18 KM/H - 11 MPH

 WATERPROOF: IP65

 LITHIUM-ION: x8 BATTERIES
SHARK ENERGY UN38 INTERCHANGEABLE BATTERIES

 MOTORIZATION: ELECTRIC ENGINES
4 x 2,2 KW - 500 Nm PER WHEEL



DEVELOPED WITH
THE FRENCH
ARMY FEEDBACK



MISSION MODULE

- ▶ **ARM LIFT CAPACITY:**
70 KG - 154 LBS - FOLDED
30 KG - 66 LBS - EXTENDED



ADDITIONNAL OPTIONS

- ▶ LONG DISTANCE TRANSMISSIONS: MESH RELAY OPTION
- ▶ ELECTRICAL WINCH: UP TO 1 TON - 2 200 LBS
- ▶ MICHELIN PUNCTURE-PROOF TIRES
- ▶ RAMPS
- ▶ SENSORS TRAY: CBRN, GAS, ETC.
- ▶ CONNECTION CABLE
- ▶ GENERATION 2 VIDEO TURRET

FOR THE ARM

- ▶ **CLAMP WITH BLADE**
> ALLOWS TO CUT ELECTRIC WIRES
- ▶ **PUNCH SYSTEM ON THE ARM:**
> ALLOWS TO BREAK WINDOWS
- ▶ **CAMERAS:**
SHOULDER, CLAMP
- ▶ **INTERFACE FOR LANCE DISRUPTOR SYSTEM®**

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)



CONTACTS