

SHARK  
ROBOTICS

# BARAKUDA

MULTI-PURPOSE MULE  
MODULAR UNMANNED GROUND VEHICLE (UGV)

✓ POWERFUL UGV TO INTERVENE  
QUICKLY IN HOSTILE ENVIRONMENT

000 CARRY 500 KG OF EQUIPMENT

🕒 10 HOURS OF  
OPERATIONAL LIFESPAN

🔗 TOWING BY VEHICLES

📦 MODULAR WITHOUT TOOL

🔧 EASY TO USE AND  
LOW MAINTENANCE

## MISSIONS



RECOGNITION  
PASSAGE  
CLEARANCE



ALL-TERRAIN



EVACUATING  
INJURED PEOPLE



INFORMATION  
RECORDING



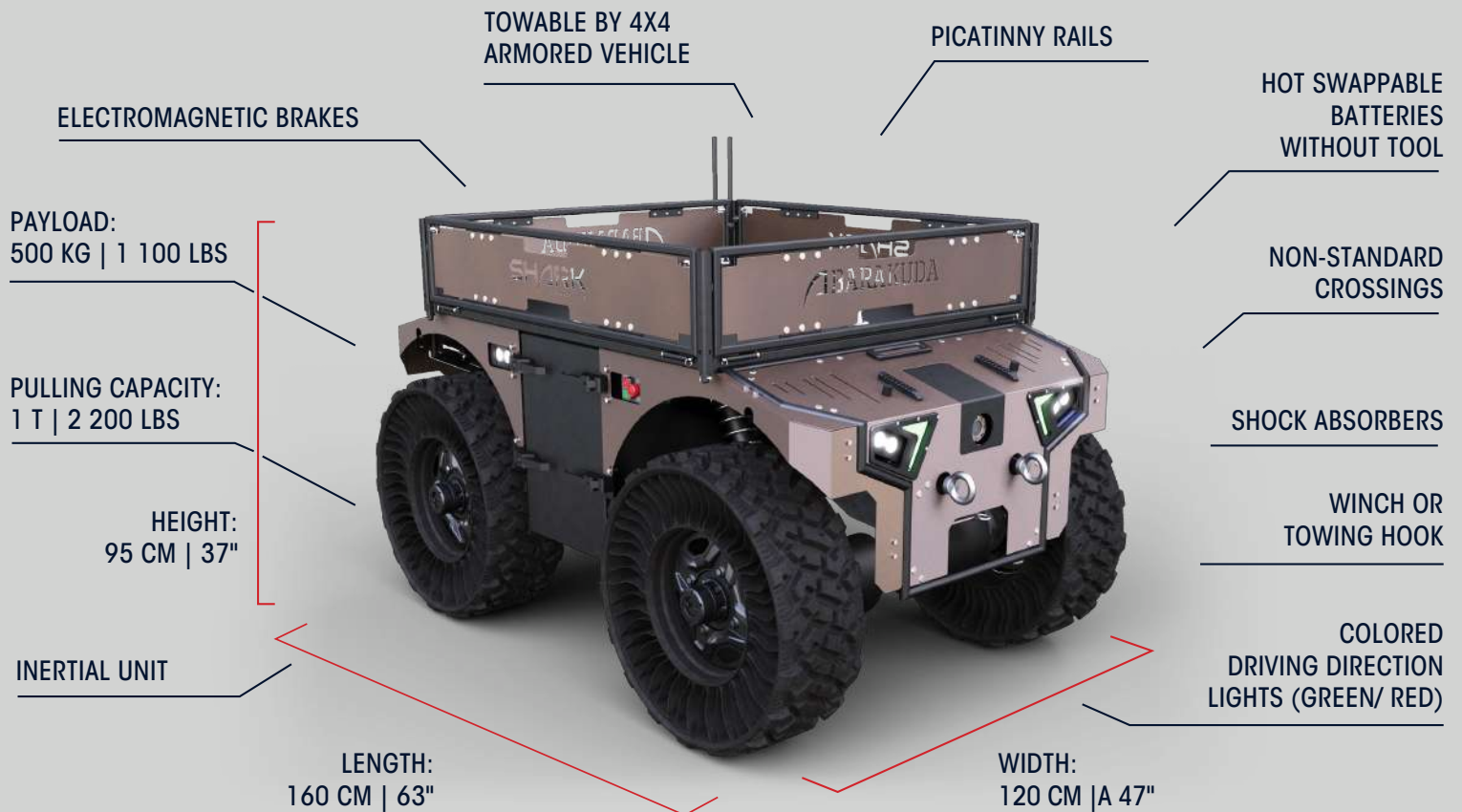
TRANSPORTING  
EQUIPMENT



MADE IN  
FRANCE

## SPECIFICATIONS

# BARAKUDA



**WEIGHT:** 650 KG | 1 433 LBS



**SPEED:** 18 KM/H | 11 MPH



**OBSTACLE CLEARANCE:** UP TO 30 CM / 12"



**WATERPROOF:** IP65



**SLOPE:** 40° | **SIDE SLOPE:** 30°



**LITHIUM-ION:** 8 SHARK ENERGY ULTRA RESISTANT BATTERIES



**OPERATIONAL LIFESPAN:** 10 HOURS



**MOTORIZATION:** ELECTRIC ENGINES  
4 X 2,2 KW - 500 N M PER WHEEL



**CONTROL DISTANCE:** 1 000 M / 1 093 YD AT SIGHT  
WITH MESH RELAY



**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
- ▶ SMOKE CARRIER
- ▶ 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 DISRUPTER 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 | 1 093 YD LOS WITH MESH RELAY
- DRIVING ASSISTANCE THANKS TO VIRTUAL LINES
- REMOTE CONTROL OF THE ROBOT WITH DUAL FREQUENCY (2.4 GHZ)
- ROBOT GPS FEEDBACK
- 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 UPGRADES AND DEVELOPMENT OF AI BRICKS
- PRE-PROGRAMMED ARM POSITIONS



+ SHARK STREAMER (OPTION)

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