

# RHYNO PROTECT

MULTI-PURPOSE FIRE FIGHTING ROBOT  
2000 L/MIN - 528 GPM



## MISSIONS


 FIRE  
EXTINGUISHMENT

 CBRN  
DECONTAMINATION

 RECONNAISSANCE

 CASUALTY  
EVACUATION

 EQUIPMENT  
TRANSPORT

 OBSTACLE  
CLEARANCE



BEST ROBOTIC ASSISTANCE  
FOR FIREFIGHTERS



FIELD-PROVEN ROBOT



NON-STANDARD CROSSINGS



RESISTANCE TO  
VERY HIGH TEMPERATURES



TOOL-FREE INTERCHANGEABLE  
MISSION MODULES IN LESS  
THAN 30 SECONDS



UN38 INTERCHANGEABLE BATTERIES

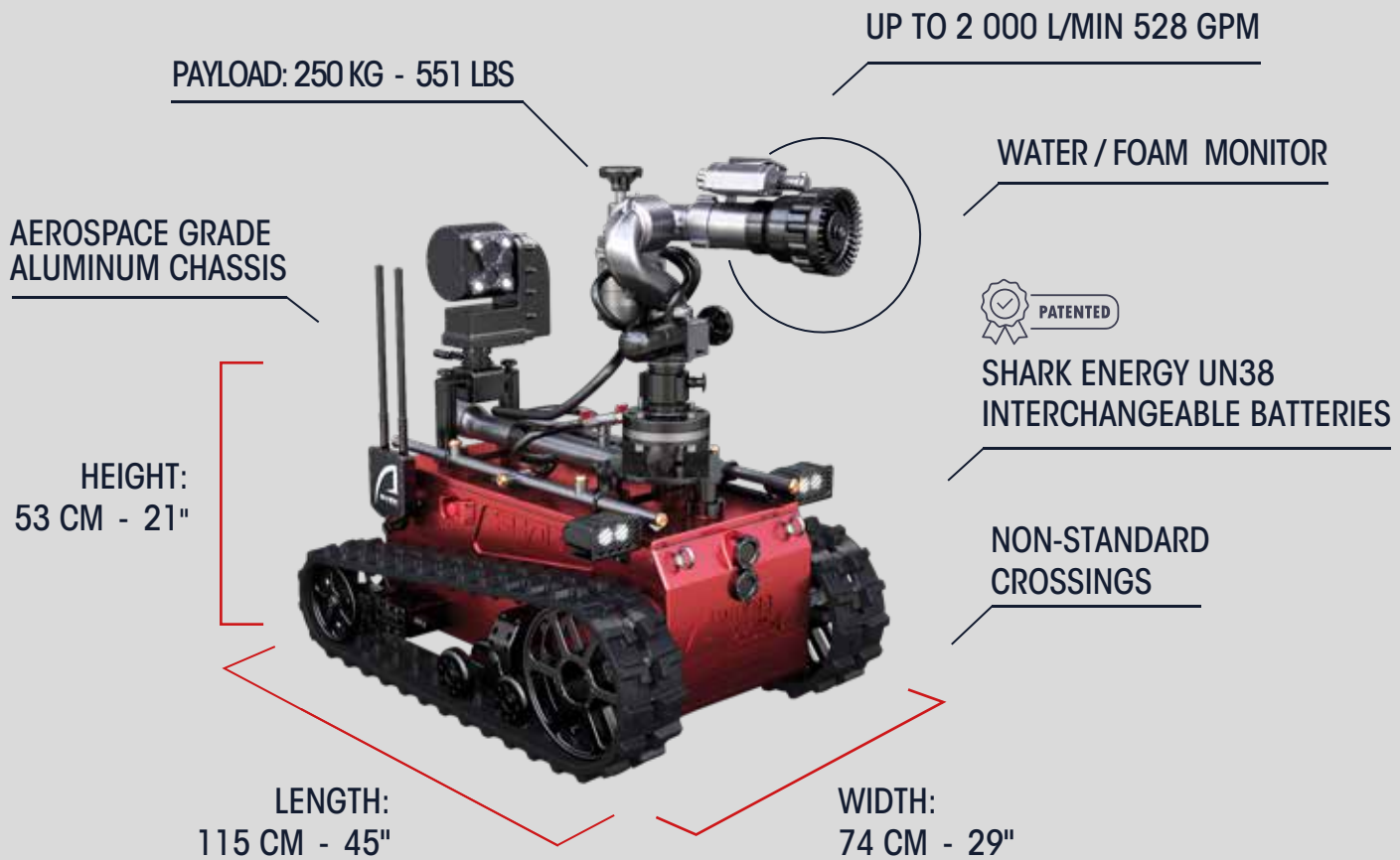


FAST DEPLOYMENT  
AND LOW MAINTENANCE



## SPECIFICATIONS

# RHYNO PROTECT



WEIGHT: 200 KG - 441 LBS



OBSTACLE CLEARANCE: 20 CM - 8"



MOTORIZATION: ELECTRIC ENGINES  
2 X 600 W



SLOPE: 40° - SIDE SLOPE: 35°



ELECTROMAGNETIC BRAKES



FIXED FRONT CAMERA  
8 MP, 130° HFOV, LED RING LIGHT



THERMAL SELF-PROTECTION



SPEED: 5 KM/H - 3.1 MPH



WATERPROOF AND DUSTPROOF: IP67 LEVEL



LITHIUM-ION: x2 BATTERIES  
SHARK ENERGY UN38 INTERCHANGEABLE BATTERIES



SENSORS INTERFACE:  
RAILS PICATINNY CONNECTION CONES



OPERATIONAL LIFESPAN: 5 HOURS



LED FRONT LIGHTING  
2 X 1750 LUMEN

## 20+ COUNTRIES WORLDWIDE



# 1 ROBOT, 5 MISSION MODULES



WATER / FOAM MONITOR



STRETCHER FOR WOUNDED PEOPLE



ARM (LIFT CAPACITY: 70KG - 154 LBS)



VIDEO TURRET 360°



EQUIPMENT TRANSPORTATION BASKET

## ADDITIONAL OPTIONS



- ▶ SENSOR TRAY:  
CBRN, GAS, ETC.



- ▶ MESH RELAY FOR LONG  
DISTANCE TRANSMISSIONS



- ▶ SPARE  
BATTERIES

- ▶ FIXED REAR CAMERA

- ▶ FRONT FIXED IR CAMERA

- ▶ CAMERA MOUNTED ON THE FIRE HOSE

- ▶ MICROPHONE & SPEAKER

- ▶ FIBER OPTIC UNWINDER

## 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)
  - 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