

RHYNO PROTECT

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

DICOSY[®]
disaster control systems



MISSIONS

 FIRE
EXTINGUISHMENT


 CBRN
DECONTAMINATION

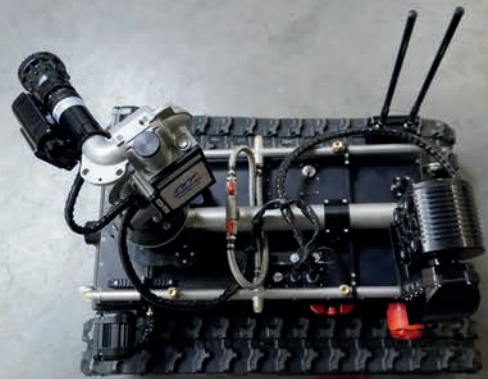
 RECONNAISSANCE

 INJURED PEOPLE
EVACUATION

 EQUIPMENT
TRANSPORT

 PASSAGE
CLEARANCE

-  BEST ROBOTIC ASSISTANCE
FOR FIREFIGHTERS
-  FIELD-PROVEN ROBOT
-  NON-STANDARD CROSSINGS
-  RESISTANCE TO
VERY HIGH TEMPERATURES
-  FREE TOOL INTERCHANGEABLE
MISSION MODULES IN LESS
THAN 30 SECONDS
-  HOT SWAP UN38 BATTERIES
-  FAST DEPLOYMENT
AND LOW MAINTENANCE

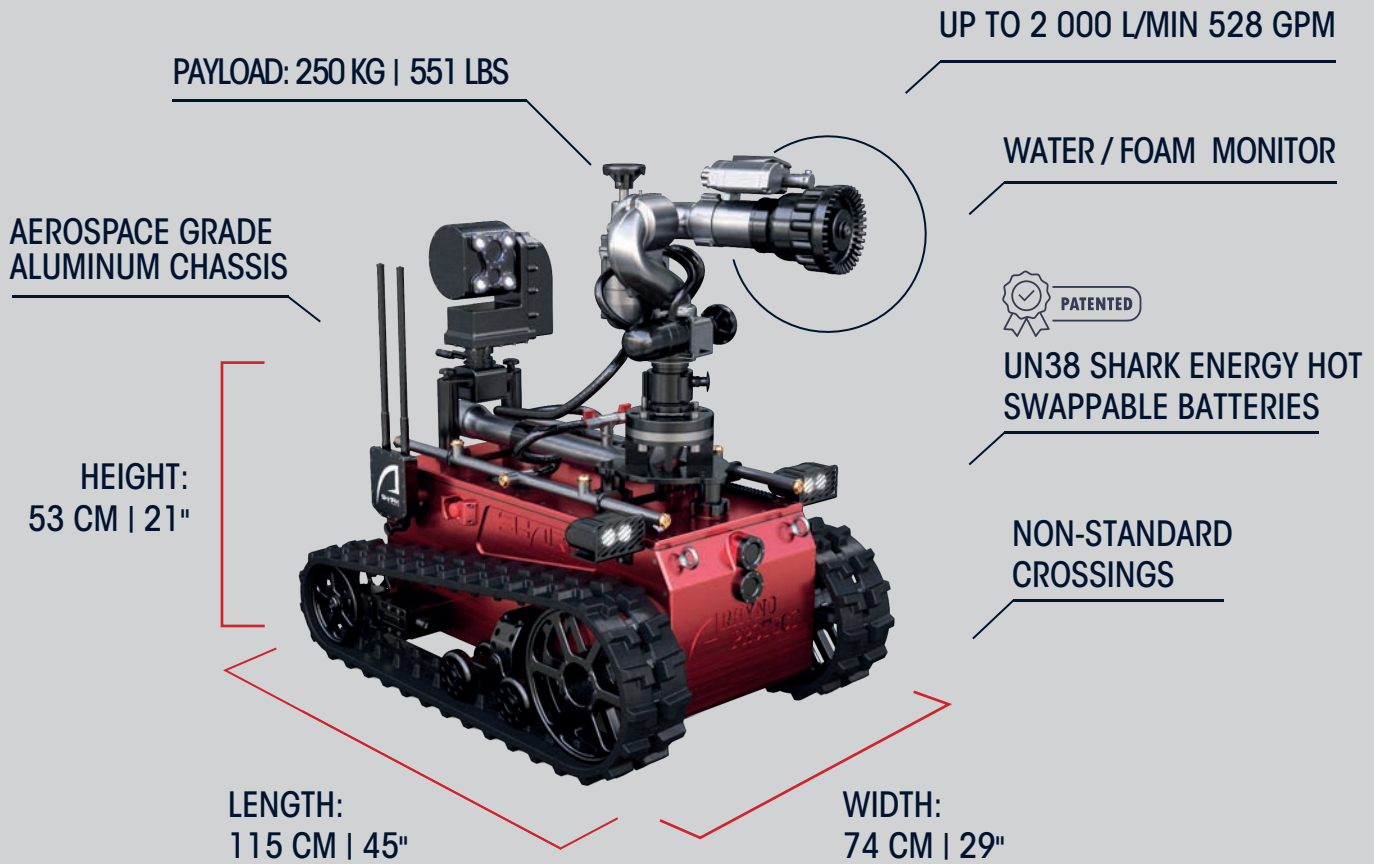


MADE IN
FRANCE



SPECIFICATIONS

RHYNO PROTECT



WEIGHT: 200 KG | 441 LBS



SPEED: 5 KM/H | 3.1 MPH



OBSTACLE CLEARANCE: 20 CM | 8"



WATERPROOF AND DUSTPROOF: IP67 LEVEL



MOTORISATION: ELECTRIC ENGINES
2 x 600 W



LITHIUM-ION: 2 x UN38 SHARK ENERGY
ULTRA RESISTANT BATTERIES



SLOPE: 40° | SIDE SLOPE: 35°



SENSORS INTERFACE: RAILS PICATINNY
CONNECTION CONES



ELECTROMAGNETIC BRAKES



OPERATIONAL LIFESPAN: 5 HOURS



FIXED FRONT CAMERA
8 MP, 130° HFoV, LED ring light



LED FRONT LIGHTING 2 x 1750 LUMEN



THERMAL SELF-PROTECTION

15 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 OPTION

▶ FRONT FIXED IR CAMERA OPTION

▶ OPTIONAL 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 / 1 093 YD LOS
- 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)

DICOSY[®]
disaster control systems

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