

SHARK robotics
KEEP HUMANS SAFE



COLOSSUS

MULTI-PURPOSE FIRE FIGHTING ROBOT
(500 KG RANGE)



BEST MODULAR ROBOTIC TOOL
IN SUPPORT OF FIREFIGHTERS



NON-STANDARD CROSSINGS



RESISTANCE TO VERY
HIGH TEMPERATURES



INTERCHANGEABLE MISSIONS
MODULES IN LESS THAN 30
SECONDS



EXTEND AUTONOMY



FAST DEPLOYMENT &
LOW MAINTENANCE

MISSIONS



EXTINGUISHING FIRES



CBRN
SANITIZING



INSPECTION



EVACUATING
INJURED PEOPLE



TRANSPORTING
EQUIPMENT



PASSAGE
CLEARANCE



RESPIRATORY SUPPORT



SMOKE EXTRACTION



MADE IN
FRANCE



SPECIFICATIONS



COLOSSUS

WATER /FOAM
CANNON 1 000 TO 3 000 L / MIN

VIDEO TURRET
ZOOM X 30
THERMAL CAMERA

CHASSIS
AERONAUTICAL
ALUMINUM

6 HOT SWAPPABLE HEAVY
DUTY BATTERIES

GPS, TEMPERATURE
SENSORS & INTEGRATED
INERTIAL UNIT

NON-STANDARD
CROSSINGS

PULLING CAPACITY : 1T

PAYLOAD : 500 KG

76 CM
HEIGHT

78 CM
WIDTH

1,60 M
LENGHT

WEIGHT : 525 KG

SPEED : 5 KM / H

OBSTACLE CLEARANCE : UP TO 30 CM

WATERPROOF : IP67 EQUIVALENT

MOTORIZATION : ELECTRIC ENGINES
2 X 4 000 W

LITHIUM-ION : 6 SHARK ENERGY ULTRA
RESISTANT BATTERIES - 14S8P - 48V - 27AH

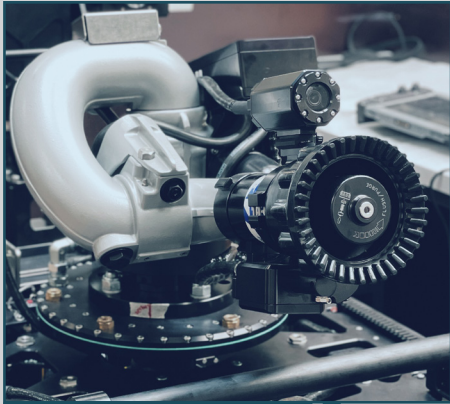
SLOPE : UP TO 40° | SIDE SLOPE : UP TO 35°

DURATION : 12 HOURS IN OPERATIONS

OUR CLIENTS



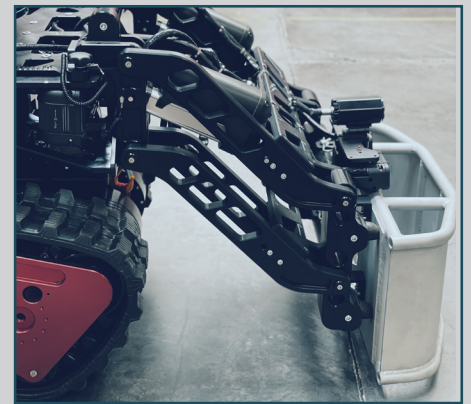
1 ROBOT, 9 MODULES MISSIONS



WATER/FOAM CANNON



VIDEO TURRET 180°



MOTORIZED BULL BAR



BREATHING AIR SYSTEM



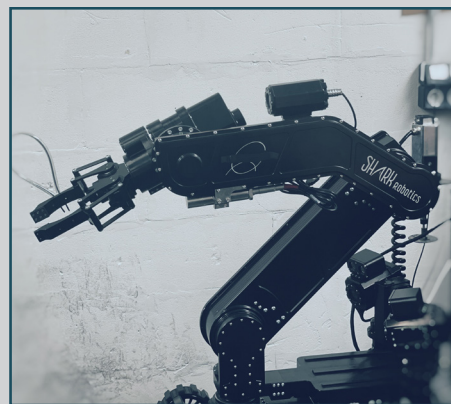
STRETCHER FOR WOUNDED PEOPLE



BASKET TO TRANSPORT EQUIPMENT



LARGE-FLOW VENTILATOR

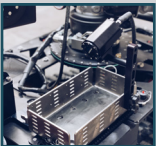


SH30 ARM (LIFT CAPACITY : 60 KG)



DISINFECTION KIT

ADDITIONAL OPTIONS



- ▶ SENSORS TRAY : CBRN, GAS, ETC.



- ▶ LONG DISTANCE TRANSMISSIONS : MESH RELAY OPTION



- ▶ CONSTANT VOLTAGE MOTORIZED FIBER DISPENSER



- ▶ CONTROL CAMERA ON THE FRONT OF THE ROBOT



- ▶ EXTRA BATTERIES

SHARK robotics



DRIVING MODE

SHARK STATION | REMOTE CONTROL WITH VIDEO FEEDBACK

- VIDEO TURRET CONTROL (ZOOM & THERMAL CAMERAS)
- TELEMETRY: FEEDBACK (TEMPERATURE, HOUR METER, TRANSMISSION QUALITY, ETC.)
- TRANSMISSION DISTANCE: IN AVERAGE 1000 METERS AT SIGHT
- DRIVING ASSISTANCE THANKS TO VIRTUAL LINES
- GPS INTEGRATED
- PITCH & ROLL
- ALLOWS TO CONTROL THE TABLET WITH GLOVES
- VIDEO AND PHOTO RECORDING, WITH THE POSSIBILITY OF PLAYBACK ON THE TABLET
- STREAMING (OPTION)
- SOFTWARE MASTERED IN-HOUSE : CONTINUOUS INTEGRATION OF NEW IMPROVEMENTS AND DEVELOPMENT OF AI BRICKS



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