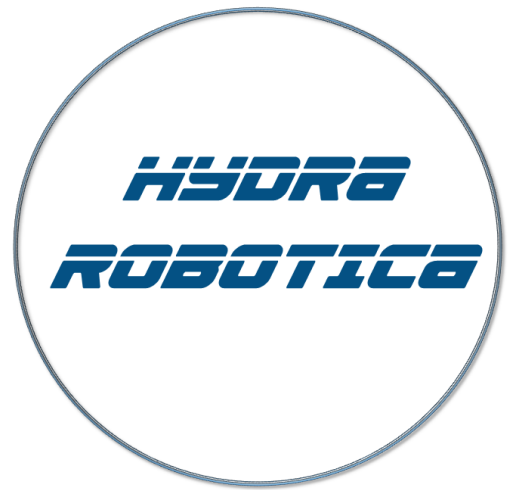


EXPLORER

Data sheet



Technical features

Hydraulic circuit

Oil Pressure: 150 bar

Oil Flow: 30 lt/min

N.2 hydraulic motor axial piston

N.1 hydraulic cylinder

Geometric constrains:

Dimensions: 400x500x1100mm

Wheel Diameter: 310mm

Weight: 120kg

Minimum manhole entrance: 480mm

Front shovel inclination :

Maximum Height: 160mm

Mechanical chain tensioner

Performance:

Max rotational speed: 80rpm

Max forward speed: 1.2 m/s

Max pull: 500kg

Max Torque: 400 Nm

Auxiliary connection:

Suction hose: 101 -219mm

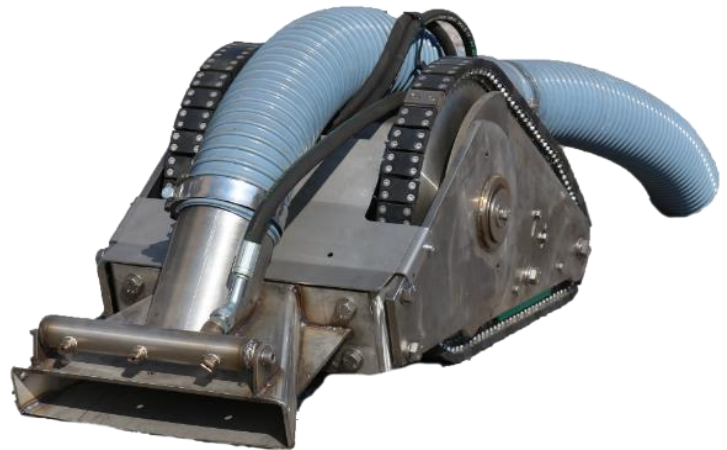
Power pack connection: hydraulic hoses 7+1

Max Hoses Length: 60mt

High Pressure Rotary Water nozzle

Chain Set-up:

Chain shoes: Stainless steel, magnet, rubber, PTFE



EXPLORER

The *EXPLORER* machine is a hydraulically driven robot designed to perform work in confined spaces. Its compact dimensions allow it to enter confined spaces. The traction is entrusted to a track chain transmission. The tracks can be made of different materials depending on the confined space. The robot is designed to work completely submerged in mud and water. Various accessories can be mounted on the machine according to the work to be done. Suction, washing and inspection are just some of the operations that the machine can do. The *EXPLORER* is powered by hoses from external hydraulic unit located in a safe area. The *EXPLORER* is remote controlled by operator.

