

OMNI-TRACKER

Data sheet



Technical features:

Hydraulic circuit :

Oil pressure: 150bar

Oil flow: 30lt/min

N.2 hydraulic motor axial piston

N.1 hydraulic slew drive

Geometric constrains:

Dimensios: 900x970x370mm

Auger Diameter 250mm

Auger Pitch:250mm

Weight:200kg

Minimum manhole entrance: D 1000mm

Steering angle:

Angle: -45° -45 °

Performance:

Max rotational speed: 80rpm

Max forward speed:1 m/sec

Max Torque: 400 Nm

Auxiliary connection

Suction hose: 101 -219mm

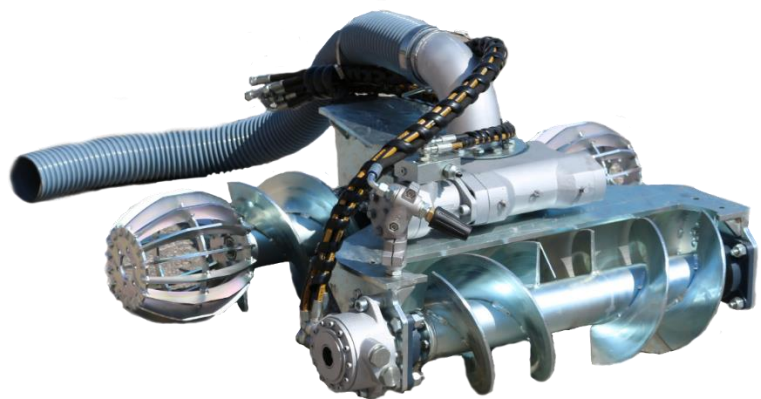
Hydraulic hoses from power pack: 7+1

Max Hoses Length: 60mt

High Pressure Rotary Water Nozzle

Auger set up:

Materials: stainless steel, galvanized steel, rubber, PTFE



OMNI-TRACKER

The OMNI-TRACKER is the evolution of the robot TRACKER designed to accomplish task in wide areas and lagoon. The machine is a hydraulically driven designed to perform work in confined spaces. Its compact dimensions allow it to enter confined spaces. The traction is entrusted to an innovative screws transmission, which allows it to move even in muddy environments. The screw can be made of different materials depending on the confined space. The robot is designed to work completely submerged in mud and water. The steering of the robot is made by an hydraulic slew drive. 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 OMNI-TRACKER is powered by hoses from external hydraulic unit located in a safe area.

The OMNITRACKER is remote controlled by operator.

