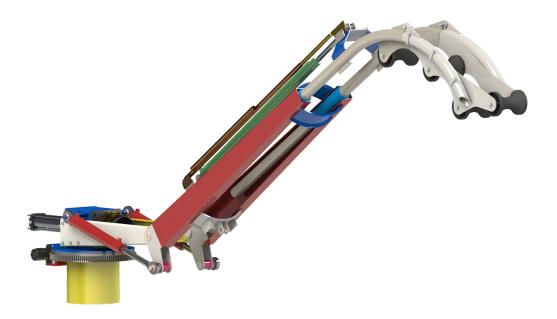




TECHNICAL SHEET

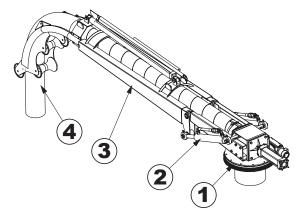


WET AND DRY HEAVY DUTY BOOM

linea Componenti

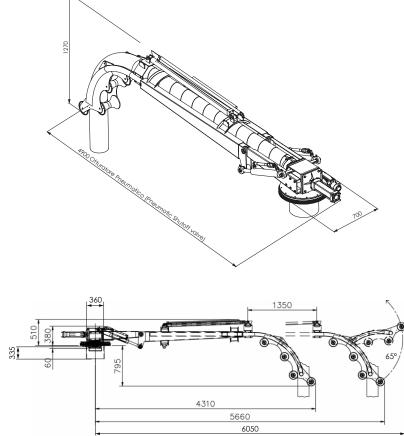


Description

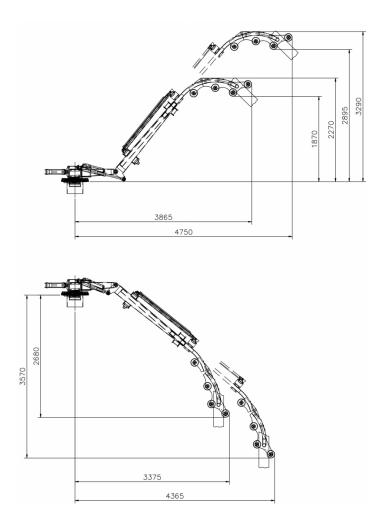


The suction boom starts the vacuum line, it is the first component which comes into contact with the sludge material and it is the more complex part of the system and of the air flow covered during the entire path from the suction mouth to the tank. The movement of the suction boom is made possible thanks to the hydraulic system. An hydraulic motor applied to the centre-plate (1) controls the rotation while the lifting and the extension of the arm are made possible by the hydraulic heavy duty cylinders (2). The whole hydraulic movement plant of the suction boom relies on an accurate design and a detailed study of the ergonomics of each component to guarantee precision in the movements, speed of use and minimum operator fatigue. The heavy duty strong structure of the arm (3) is made to support the weight of the loaded material. Compact parking size space.









Technical data

parameter	value
Working pressure	+1,5 bar rel
Hydraulic oil flowrate	15÷20 l/min
Hydraulic system pressure	120 bar
Hose diameter	6" - 8"
Weight	660 kg

Main features

- Suction hose diameter: DN 150 / 200
- · Rotation: orbital motor and worm screw toothed wheel on the centre-plate
- Rotation angle: 300°. Adjustable speed.
- Telescopic extension: 1350 mm.
- Lifting: controlled speed, strain limiter in the downward stroke.
- Shutoff valve: motion with pneumatic cylinder.



- Solenoid valve group for the 12V or 24V motion controls.
- High resistance cast iron turret.
- Centre-plate with double wheel and seal rings.
- Solenoid valves support plate and worm screw.
- Steel structure from hot-dip galvanized construction.
- Guide rollers and support for the suction hose.
- Carbon steel manhole (to be welded).
- Compact parking size space.

Versions

code	description
42721100039	6" 12 V heavy duty boom
6.860002070-2	8" 12 V heavy duty boom
42721100040	6" 24 V heavy duty boom
6.1017015-6-2	8" 24 V heavy duty boom

Accessories

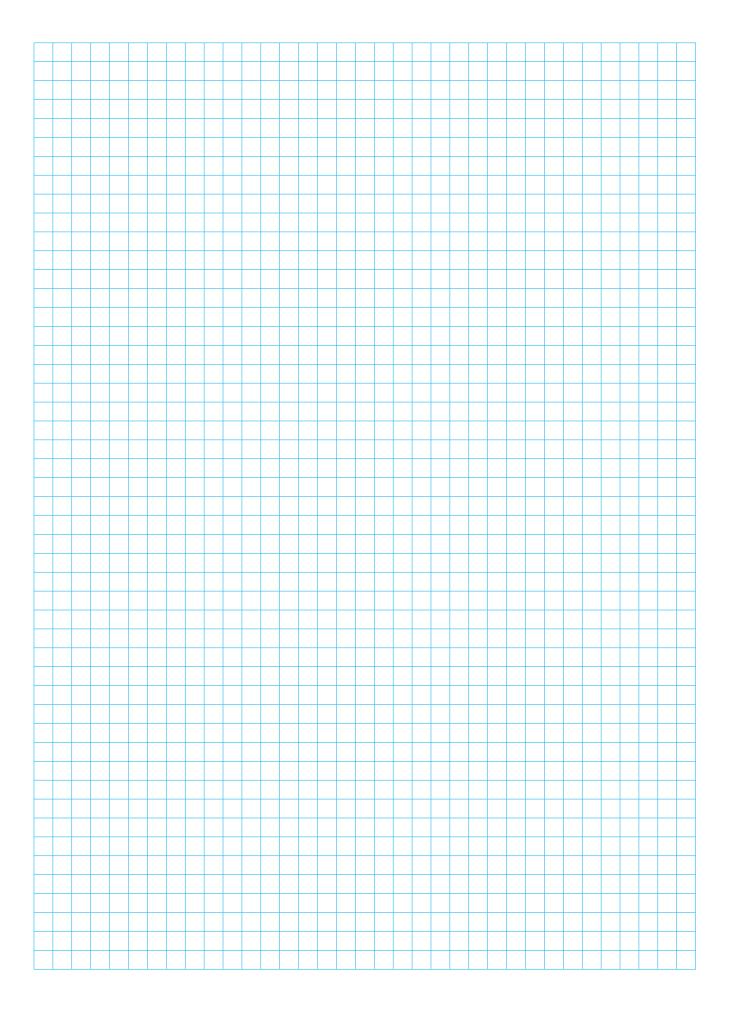
code	description
46216000082	12V - 24V remote control
	Galvanized steel suction pipe. Different lengths and diameters 6" - 8"
	Galvanized steel suction pipe with flushing. Different lengths and diameters 6" - 8"
	Boom parking support (FE and INOX)
	Flexible suction hoses with various length fittings 6" - 8"
6.928006010-1	12V - 24V led working light kit

Examples of application











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