

JOSKIN

EN HYDROCLEANER



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Efficient and ready to use
A range of 3 complete standard hydrocleaners
6000l • 8400l • 12.500l



Standard specifications

- Manufacturing based on standardized components to improve precision and reliability
- Use of special steel types in order to reduce the weight and increase the resistance
- Tank galvanized inside and outside
- Surface treatment of the chassis: shot-blasted + a primer coat + a finishing coating
- Air-cooled vacuum pump 12.000l/min (DL 120)
- Siphon 30l for the vacuum pump
- High-pressure pump (120l - 120 bar) with pressure adjustment and water return hose to the tank
- 1 water filter
- Manual cleaning lance with 10m of 1/2" pipe
- Reaction nozzle to clean and clear sewers with 50m of Ø 3/4" pipe
- Manual reel with pressure gauge and stop valve
- Balanced Ø 4" manual dorsal boom
- Pipes with water jet at the end of the boom in order to stir foreign bodies so that they are sucked up by the suction pipe
- Safety lock on the suction pipe for transportation
- To suck in pits, a 6" / 4" reduction - 4x3m plastic pipe (Ø 100mm) with quick coupling
- Rear wall with hydraulic opening and 4 hooks for manual closing
- Valve and Ø 150mm quick coupling to possibly suck up mud
- Hydraulic tipping of the mud tank in order to remove foreign bodies
- Pipes protected while tipping
- Very large tool box (1.500 x 400 x 270mm)
- Hydraulic stand
- Wheels 18x22.5 MICHELIN XZL (new)
- Hydraulic braking system with parking brakes
- Protected built-in lighting
- 1 platform at the front right
- 2 platforms at the back
- Water drain valve for the winter (pump and tank)
- Level indicator on the whole tank height
- 2 to 3 oblong indicators on the mud tank
- Filling valve of the water tank with quick coupling
- Ø 150mm quick opening and Ø 480mm on the water tank
- 1" 1/4 drain valve for the floating water in the mud tank
- Very wide hose-carrying mudguards (4m)
- Flashing beacon
- Double wide angle P.T.O.-shaft

Optional specifications

- Hydraulic or special reel
- High resistance pipe length and Ø
- Suction pipe with many possibilities
- High pressure pump 84l - 150bar
- High pressure pump 102l - 140bar
- High pressure pump 128l - 100bar
- High pressure pump 152l - 90bar
- High pressure pump 165l - 80bar
- Hydraulic or special dorsal boom to suck in deep pits or to carry out any other types of work
- Special wheels
- Free steering axle for model 12.500l
- Special indicators
- Air braking system
- Choice of the capacity of the water and mud tanks
- Special colours
- Special lettering

The JOSKIN hydrocleaners are designed to clean gullies and sewers or to carry out any other types of works, like sucking waste. They are fitted with a balanced suction pipe, which makes it easier to use, with at its end a water-jet hose under pressure in order to stir foreign bodies so that they can be sucked. Its injection depth is max. 1500mm (standard).



Pump Group

The JOSKIN hydrocleaners are standard fitted with a pump system including a JUROP DL 120 (12.000l/min) vacuum pump with silencer and air cooling, as well as a high pressure pump (120l/min - 120bar) protected by a water filter.

Other vacuum pumps are available in option, like the water cooled LC 420, the Samson V12 water ring pump or different types of PN, LC and DL pumps.



HYDROCLEANER

Monocoque construction for maximum efficiency



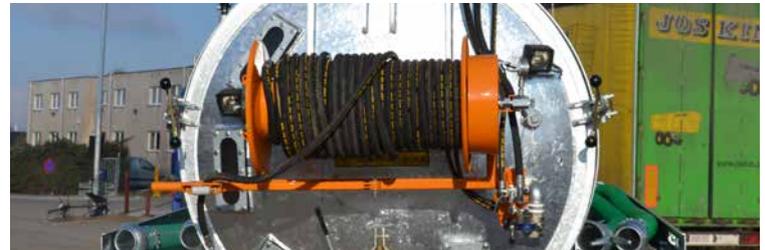
Tipping

The hydraulic tipping of the mud tank allows to easily remove foreign bodies. Unlike models 6000, which are tipped with one cylinder, the models 8400 and 12.500 are standard fitted with two cylinders.



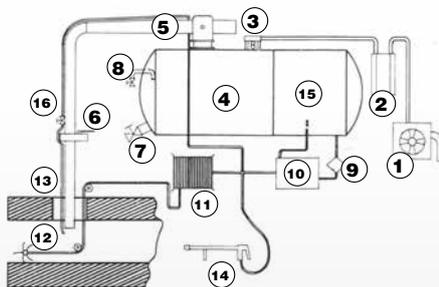
Reel

The hydrocleaner is fitted with a manual or hydraulic reel for the high-pressure pipes with roll, rat nozzle and pressure gauge.



Working principle

1. Vacuum pump
2. Siphon
3. Ball security
4. Mud tank
5. Suction pipe
6. Stop valve for the dorsal boom
7. Manual filling valve
8. Water overflow opening
9. Filter
10. High pressure pump
11. Hydraulic reel with high pressure hose
12. Reaction nozzle



13. Water intake to rinse the gully
14. Cleaning lance
15. Water tank
16. Shut-off valve

Optional Accessories

Several options are proposed to adapt the machine to its future works: hydraulic locks for the rear wall instead of manual ones, a hydraulic dorsal boom (with remote control) or a special dorsal boom to suck deeply or to carry out any other types of work, a gooseneck with a diameter of 100mm, a lighting bar with control box, a warning sound for the high pressure water level, red and white stripes on the rear wall (sticker), etc.



Model	Capacity	Axle(s): □ (mm) - track (mm) - studs	Brakes (mm)
H6000	2.000l water + 4.000l mud	ADR 100x2000-8G	350 x 90
H8400	2.500l water + 5.900l mud	ADR 130x2000-10G	406 x 120
H12500	3.000l water + 9.500l mud	ADR 2x130x2000-10G	406 x 120

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