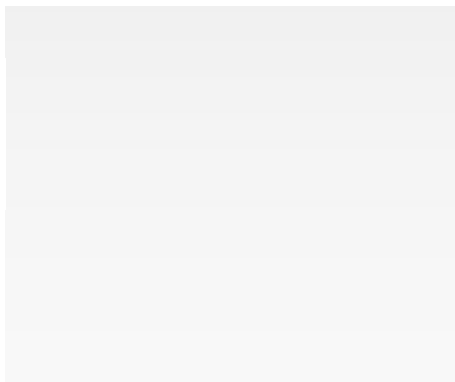


EQUIPMENT

Idrovac Excavator



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

COMPANY WITH
ENVIRONMENTAL SYSTEM
CERTIFIED BY DNV GL
= ISO 14001 =

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= UNI EN ISO 3834-2 =

HYDRO EXCAVATOR

The Idrovac Jurop excavator is an advanced technology equipment, particularly suited to be used in construction due to its excavation speed and reduction of manual labour.

It is also distinguished by its use versatility and due to the possibility of operating in places where technical difficulties prevent the use of standard excavators.

The Idrovac Jurop excavator is equipped with a telescopic suction boom for the approach of the suction pipe to the material extraction point and with a high-pressure hose reel (up to 500bar) to clean and disintegrate the material to be removed.

The whole equipment is driven by a 95 hp silenced diesel auxiliary motor.

Thanks to the availability of extensible pipes, it also reaches and removes rubble and demolition waste in inconvenient places or impossible to reach with conventional means.

Main benefits:

- **HIGH FLEXIBLE**, the equipment was designed to suck/remove materials of any type, such as solids, liquids, muddy or powdery.
- **ADAPTABLE TO DIFFERENT TYPES OF 2-AXIS FRAMES**, the deck is equipped with adjustable supports that allow an easy adaptation to different types of 2-axis frames.
- **ACCESSIBILITY TO AREAS THAT ARE IMPOSSIBLE TO REACH WITH CONVENTIONAL EXCAVATORS**, using the supplied pipes that can reach extraction areas that are otherwise inaccessible with conventional means.
- **REDUCTION OF INTERVENTION COSTS** compared to traditional excavation operations that require the intervention of several means to complete the intervention (excavator and transport vehicle), the Idrovac Jurop excavator combines both means in one equipment, allowing to suck and transport the removed material. The extracted material can then be unloaded by tilting the tank.
- **EXECUTION OF “NON-DESTRUCTIVE” OPERATIONS**, by using the Jurop hydro excavator in alternative to traditional means, it is possible to perform “delicate” operations preserving existing structures. This renders the Jurop hydro excavator also suited for operation in environments where a limited impact regarding present manufactured goods is required, such as historical centres or in the presence of utilities networks to be preserved or exposed (such as pipes or underground lines).

FEATURES

- TILTING TANKS** in painted Carbon steel with bottom that can be opened hydraulically – Vol. **4200** litres.
- SIDE BOXES** in Plastic material with minimum level sensor – Vol. **1600** litres.
- DN100 SUCTION BOOM** with hydraulic movement, length 850mm.
- CTH180 OIL FREE DECOMPRESSOR** with helical lobes, max vacuum. 60% (18 Hg), max. capacity **1800 m³/h (1060 cfm)**.
- HPP CH25/500 HIGH PRESSURE PUMP**, capacity 25 l/min (6,60 gpm), pressure **500 bar (7250 psi)**.
- WASHING HOSE REEL** with spring with 30mt pipe of 3/8”, pressure up to **500 bar (7250 psi)**.
- PIPE HOLDER BOX AND TOOLBOXES** IN INOX 304.
- CONTROL PANEL** on the left rear side, **IMET REMOTE CONTROL** and **PUSHBUTTON PANEL** to tilt the tank.
- DECK WITH ADJUSTABLE HOOKING SUPPORTS** for adaptation to several types of frames (to check adaptability to several frames contact Jurop).

