

CONTROL PANEL :

- E-STOP button integrated with safety system of UHP unit directly;
- 5/3-way valves based control;
- Adjustable speed;
- Meets all safety standards & EU Directives;



Idrojet s.r.l.

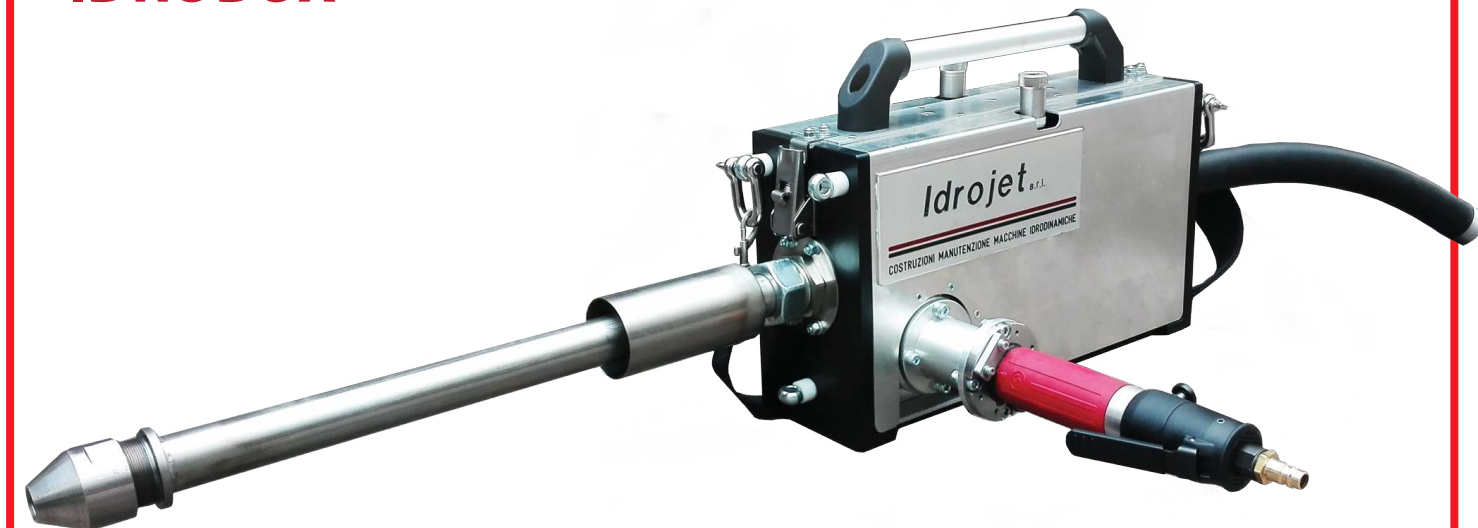
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Idrojet® s.r.l.

Idrojet s.r.l. is proud to announce the launching of the new flex-lance internal robot
"IDROBOX"



MAIN FEATURES:

- Able to use different outside flex-lance diameter without changing any elements from 8 mm to 15 mm;
- Ultra light weight only 9 kg;
- Air treatment station with 2 mt air hose;
- Protection rear hose
- Always included in the price : tools + accessories + flight case



"IDROBOX"

The **IdroBox** by Idrojet S.r.l. - Italy is a pneumatic flex-lance Heat Exchangers internal tubes cleaner robot, which is an powerful support for all companies providing cleaning of heat exchangers, among others, for heat and power plants and petrochemical factories.

Thanks to its ultralight design the safety and comfort of the operator are increased as well as efficiency. Performance of the cleaning process is increased up to 4 times compared to manual works, what leads to significant costs savings of the cleaning process.

The **IdroBox** by Idrojet S.r.l. - Italy allows to work with different outside diameters of flex lances without any additional tools and exchanging elements.

The **IdroBox** by Idrojet S.r.l. – Italy, keeps adjustable, constant speed of cleaning for the whole length of tube. Despite the small size and the weight of the device, the operator can use optional balancer to improve comfort of cleaning heat exchangers.

The modular design of the **IdroBox** by Idrojet S.r.l. – Italy, allows to connect a few ones into one **IdroBox Combo** and operate several lances at the same time with the synchronized drive.

Standard scope of delivery includes wide range of accessories:

- IdroBox unit
- Air Treatment station with air hose 2m
- Stainless Steel Guiding tube ID 26mm, 400 mm length
- Protection rear hose 400 mm
- Specially designed flight case
- 5 sets of FIP cones, stop-ends, hose catchers for different diameter of flex-lances
- Tools,
- Additional high friction belt
- Manual.



Technical Specifications:

Min. air pressure: 3,0 bar

Max. air pressure: 6,3 bar

IdroBox air consumption: 600 l/min for max. speed

IdroBox lance speed (depends on air pressure supply): from 0,5 m/s to 1,4 m/s

IdroBox max. pull / push force: 220 N

Lance outer diameter (OD) 8,0 mm to 15,0 mm

"IDROBOX 3COMBO"

FRAME STD + CONTROL PANEL

Set including:

complete pneumatic frame with air motors + air hoses and special top bracket for shell flange, positioning guiding box, 3-way remote control panel with integrated UHP safety button and complete air treatment station, air hoses, manual.

- The frame working area: **1500 mm x 1500 mm**

- The frame speed up to : **0.1 m / s**

- The frame pneumatic motors max. air consumption: **1200 l/min.**

- Material: **Aluminum, stainless steel**

FRAME STD :

- Ultra lightweight;

- Safe & mobility & stability by adjustable legs with wheels;

- Improved stability by special joint in the upper part of the frame;

- Easy to install by one worker;

- The modular design allows the extension of the working area;

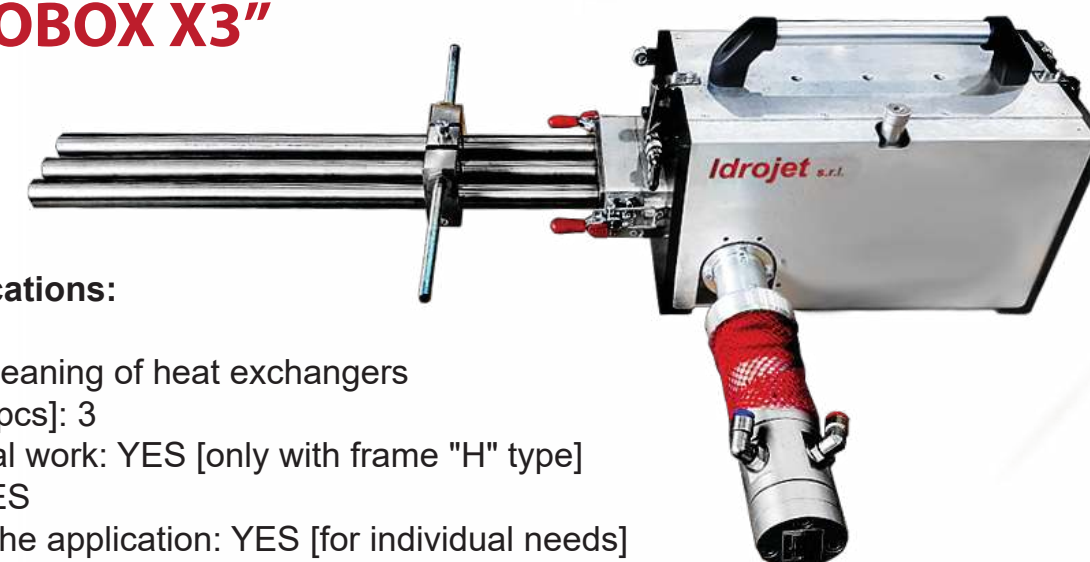
- Fine tuning of the lance through the variable speed of the frame with fast & slow modes;

- Wide range of options eg. video surveillance;

- Corrosion resistance with anodized aluminium profiles & stainless steel components.



"NEW IDROBOX X3"



Technical Specifications:

Purpose: internal cleaning of heat exchangers

Number of lances [pcs]: 3

Possibility of vertical work: YES [only with frame "H" type]

Horizontal work: YES

Personalization of the application: YES [for individual needs]

Operating mode: automatic

Diameter lanc [OD] [mm]: 8.0 - 15.0

Min. / Max. air pressure [bar]: 3.0 / 6.3 [for each feeder]

Air demand [l / min.]: approx. 600 [for each feeder]

Lance feed speed [m / s]: 0.58 - 1.4 [for each feeder]

Feed force [N]: 220 [for each feeder]

Contents: complete device with accessories, without frame