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AUTOJET

I 930/5 series 2016



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The internal cleaning robot mod. Autojet I 930-5 series 2015 is designed to clean all types and kinds of heat exchangers internal tubes. This robot works with a maximum of 5 rigid lances, which spray high pressure water, moving both in horizontally and vertically, up to 1400 bars (20,000 psi) max working pressure. **(optional till 2800 Bars/36000 PSI)**

Its movements are driven by hydraulic motors fed by diesel power unit, so that the machine can be manoeuvred from the control hut inside the cabin, therefore reducing the operator risks and the contact to remove the dirt.



In the fully automated version all of the functions have been programmed into the memory of a small computer. The memory of this Robot, already programmed for standard types of heat exchangers, has the capacity to expand to include many other types, notably shortening the operation time.

("stop and go" automatic option)



ROBOT AUTOJET I 930/5 SERIES 2016

TECHNICAL DATA

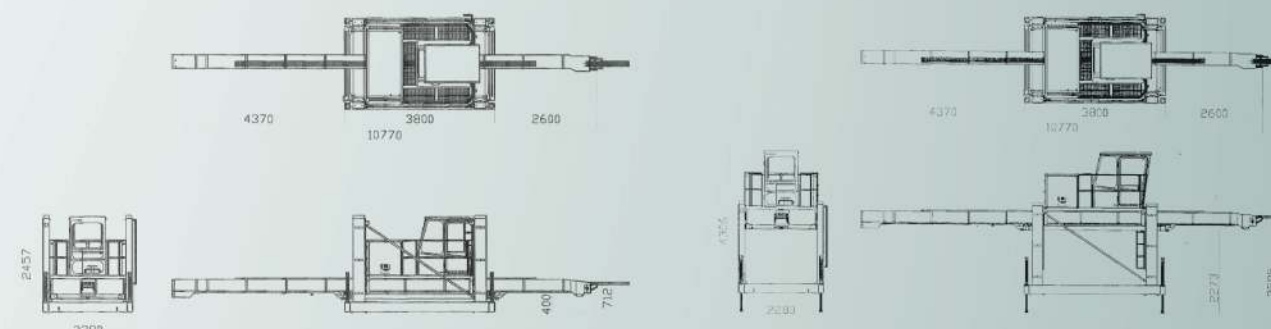
Lenght	1060 cm.
Width	250 cm.
Height	270 cm.
Weight	3000 kg.
Lance working stroke	930 cm.
Cross travel	155 cm.
Up stroke	188 cm.
Number of lances	1-5
Lance diameter	10-12 mm.
Flow x lance	70 lt
Lance speed	1-1,5 m/sec.
Force of thrust	1000 kg.
Water pressure	till 1400 Bar

HYDRAULIC POWER UNIT

Lenght	1060 cm.
Width	250 cm.
Height	270 cm.
Weight	3000 kg.
ENGINE: silent-pack Hatz Diesel Mod. 2L41C	
Number of cylinders	2
Cubic capacity	1716 cc
R.P.M.	3000
Horse power	24,3 kw
Cooling system	air
Hydraulic gear pump	15-25
Oil tank	140 lt
Oil cooling system	air

Up stroke and cross travel motion with endless screw

- 3/4 "double chain lance slide feed
- Driving lances double speed (low - high)
- Ball bearing movement
- High pressure water supply with synchronized hose drum winch and rotating flitting
- Electric stroke end sensor-Free standing drive on the base plate for the hydraulic stabilization system
- Hydraulic remote control with 24V. electric distributor-Adjustable over pressure valve on the hydraulic circuit
- Hydraulic power unit with vibration mounting on frame
- 24 V. electric starter
- Oil cut-off valve
- Oil cooling system
- Oil compatible wheels for easy relocation on the job site
- Control hut with adjustable seat, opening window, windshield wiper, tool compartment.



Optional: New "Stop & Go" system fully electronic lances waterjet cleaning