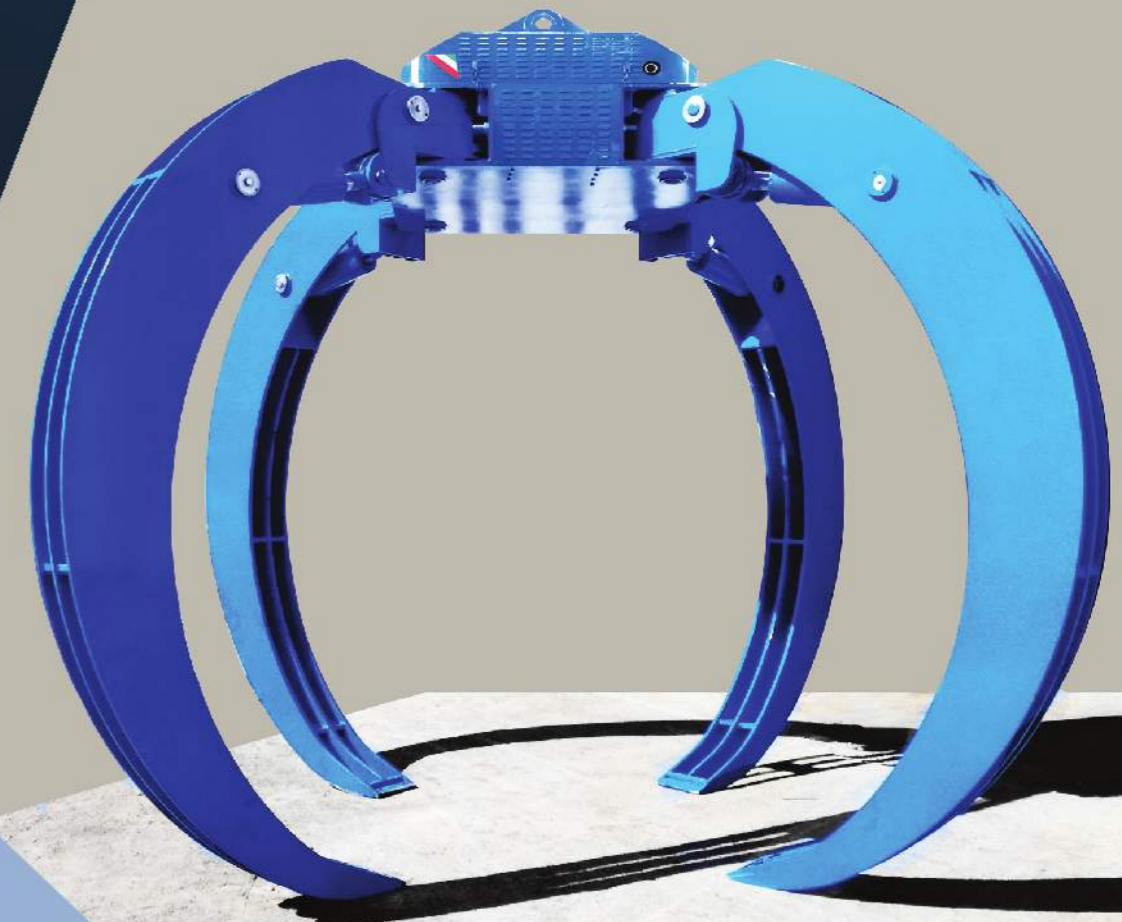


**Idrojet**<sup>®</sup> s.r.l.

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# Poly Arch 55 T

**Poly Arch 55 T** is the new **multifunctional product**, developed by Idrojet, designed to lift the tube bundles and / or as an arch for air extractors, at **refineries** and **petrochemical plants**, also designed for **civil use**, for the laying of pipes for example.



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# Poly Arch 55 T

This machine can lift weights up to 55000 kg



The machine is completely self-sufficient, and due to remote-control box, you can check every single movement.

## → FOUR ARMS

It is constituted from 4 mechanical arms connected to a hydraulic unit and a motor compartment.

## → SAVING AND SECURITY

It is hydraulically assisted thus allowing staff reductions and increasing safety.

## → PUMP FOR LIFTING WORKS

The machine is provided with a pump with the working pressure which allows a force for do the lifting work.



All hydraulic functions are controlled by a wired controller and a wireless system to ensure greater operator safety.

**Designed to operate with the crane for lift tube bundles heat exchangers or other pieces, or attached to aerial extractor of tube bundles to be able to move the aerial extractor or to extraction / insert of tube bundles heat exchangers.**

### GENERAL ITEMS

LENGTH	3426 mm / 11.24 ft.
LENGTH (maximum opening)	4630 mm / 15.20 ft
HEIGHT	3640 mm / 143 in.
WEIGHT	~4800 Kg / 10.600 lb.
BUNDLE DIAMETER	2500 mm / 98 in.
BUNDLE WEIGHT	55000 Kg / 121.250 lb.
WIDTH PARALLEL WORK CONFIG.	1380 mm / 54 in.
WIDTH CROSSING WORK CONFIG.	3842,50 mm / 151 in.

### ENGINE

MODEL	HATZ 1D90Z
CYLINDERS	1
HP	16
CAPACITY	722 cc
COOLING SYSTEM	Air

1

Poly Arch can adjust the arms in parallel or crossover configuration, according to the needs.

2

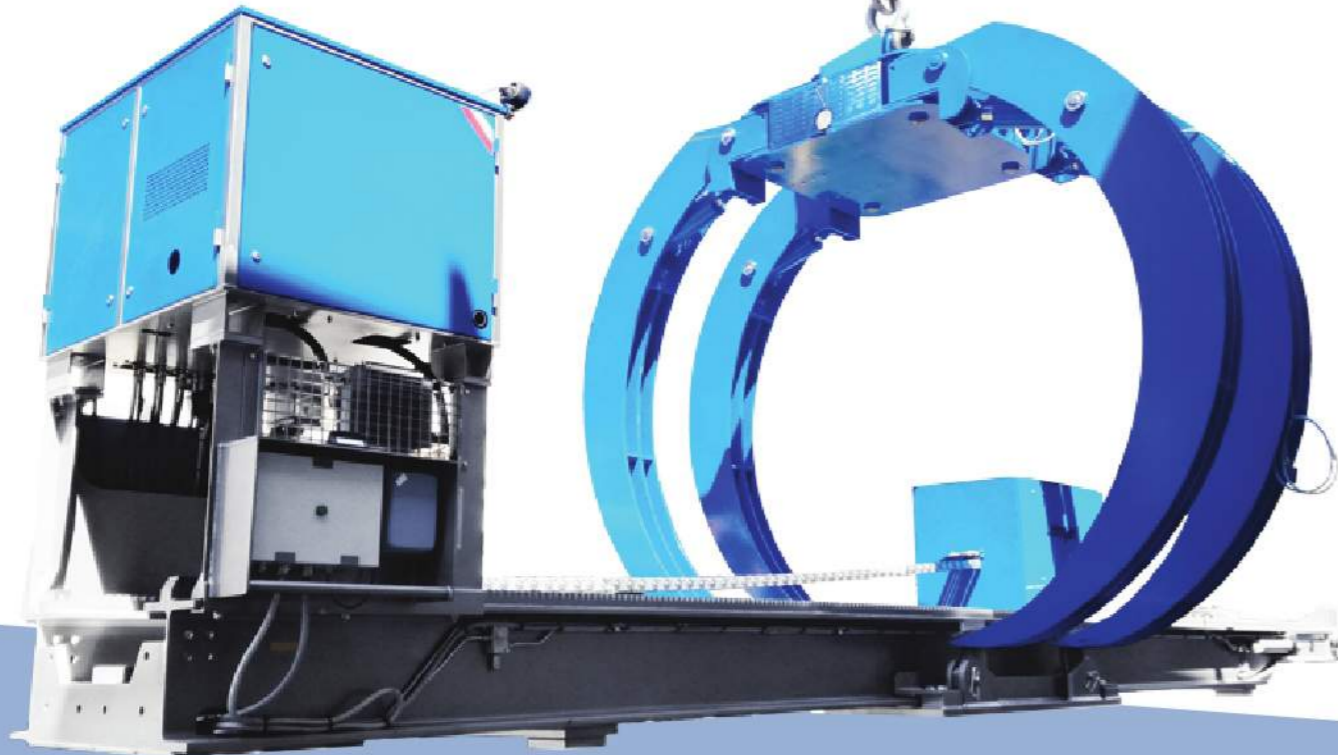
In addition to standard use as a clamp-lift, it can be used as a balancing arc for tube bundle extractors.

3

The unit is self-sufficient thanks to the use of an air-cooled HATZ diesel engine

### Building Materials

All metallic parts are treated and painted for preventing the corrosion. For the metallic sections it has been used differently material. Aldur 700 Fe 510



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