

**Idrojet® S.r.l.**

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# Poly Arch 55 T

**“THIS IS THE FUTURE !”**

**Idrokid Poly Arch 55T is the art of technology, newly designed to be used as an integral part of your bundle extractors, as an arch, or when disconnected from Idrokid bundle pullers can act to lift tubes bundles or any other parts in oil refineries or chemical plants.**



## **Idrojet s.r.l.**

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**IdroKID**



# Poly Arch

## 55 T

This machine can lift weights up to 55000 kg



### SAFETY

The machine is completely self-sufficient, and due to wireless remote-control box, you can control every single movement, at a safety distance.

### 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 an hydraulic pump with 250 bars working pressure which allows a strong force to do any job.



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 with or without tube bundles heat exchangers.

Four independent arms are able to work parallel or at 90° angle between each arms, to be changed from the wireless control box.

#### GENERAL ITEMS

LENGTH	3426 mm / 11.24 ft.
LENGTH (maximum opening)	4630 mm / 15.20 ft
HEIGHT	3640 mm / 143 in.
WEIGHTH	~4800 Kg / 10.600 lb.
MAX DIAMETER CAPACITY	2500 mm / 98 in.
MAX WEIGHTH CAPACITY	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 arch 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

