

Stahli Isotropic Polishing / Lapping Machine with Automatic Loader



Stock No	PY1113J
Manufacturer	Stahli
Model	FLM 755-3R
Year of Manufacture	2017
Serial	1409
Condition	From a working environment, Excellent Condition, Current Model
R.P.M.	Fully variable
Hp/Kw	52Hp/39Kw
Other Info	Extraordinary opportunity as NEW Stahli
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	4402 including chiller. chiller =208kgs
External Dimensions (WxDxH mm)	2130 x 2450 x 2570

Description

This Swiss made Isotropic Polishing Machine is designed and manufactured to the very highest standard and is specifically used to polish components to a very high surface finish. This machine has three polishing heads that are loaded via an indexing arm, when loaded the automatic polishing cycle begins. The polishing cycle lasts for 3 minutes, the loading arm then automatically turns through 90° into the load/unload position. Polished parts can be unloaded and new ones loaded so the process flows continuously.

Specifications

- Automatic loading and unloading into the polishing area.
- Automatic diamond solution and lapping oil application.
- Surface finishes to 0.05 Microns can be achieved.
- Flatness of 0.3 micron or better can be achieved.

Extras Included

- Electrical cabinet Cooler unit. Rittal 3300 series.
- Independent chiller unit.
- 3 additional tables.
- 4500 approx. Polishing pads - Silver.
- 102 x 1,000mL bottles of diamond suspension.
- 12 x 10L bottles lapping oil.
- 6 pressure rings.
- 3 pressure plates.

Independent Chiller unit

- Manufacturer = Hyfra Pedia.
- Type = Sigma 7-S.
- Serial Number = 17090311.
- Capacity = 6900 / 32°C.
- Max Pressure = 42 bar.
- Refrigerant is R410A (1.3Kgs).
- Mains supply = 3 Phase, 388-415 V : 50 Hz.
- Weight of 170Kgs.

Available measuring equipment.

- An interferometer for accurately measuring surface finish that was originally used with this equipment is available to purchase separately as item MY648J (now sold).

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.