



C500 PLC

manual centrifuge for casting of metal, wax and resin



The C500 PLC manual centrifuge is designed to produce large items: moulds with a diameter up to 500 mm can be housed on its plates. It is both easy to use and exceptionally mechanically solid, to provide excellent results with large sizes.

Spin casting

Manual centrifuges are used for mass production of various items, using the centrifugal spin casting technique in silicone rubber moulds (**spin casting**).

The material, in its liquid state, is poured by hand into a rubber funnel. From here it reaches the rotating rubber mould.

Technical specifications

Available stations	Nr.	1
Maximum diameter of moulds	Mm	500
Power	Kw	2
Voltage	V3~	380
Frequency	Hz	50/60
Dimensions	W cm D cm	100 95
Weight	Kg	250

Tools and controls:

- PLC (Programmable Logical Controller) for control and overall planning of functions
- Mould rotation speed control via inverter with potentiometer
- Digital timer to set rotation duration
- Pressure adjustment knob with relative gauge
- Mould clockwise/anti-clockwise rotation selection



Safety:

- Front hatch for easy access to tools, separated from the mechanical parts area
- Main door blocking switch
- Shut-off valve and compressed air exhaust