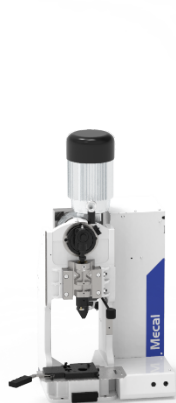




PO20i TECHNICAL DATASHEET



| | |
|-----------------------|--|
| Force | 20kN (4496 lbf) |
| Working height | 135.8 ±0.02 mm (5.35 in) |
| Stroke | 40 mm (1.57 in) |
| Power | 0.75 kW (1 hp) |
| Power supply | 1x230 – 3x230 – 3x400 V |
| Voltage | 230 – 400 Vac |
| Frequencies | 50 – 60 Hz |
| Settable cycles | Mode A – B - Split cycle |
| Functions | Jog – Split cycle |
| Connections | Ethernet – Wi-Fi |
| Communication | Modbus TCP IP |
| Monitor interface | HMI 4.3" color |
| Weight | 100 Kg (220 lb) |
| Dimensions [LxPxH] | 600 x 400 x 850 mm (24 x 16 x 33 in) |
| Finishing | White paint RAL 9003 |
| Configuration | Bench top – automatic – on workbench |
| Protection versions | Tilttable – Pantograph – IR |
| Management | PLC |
| Braking | Inverter |
| CFA | CDA10 integrated, or other |
| CAO | Included |
| Safety system | Integrated module |
| Pneumatics | Safety kit included |
| Tool anchoring system | Quick release baseplate included |
| External interface | Ethernet – CFA – CAO – I/O Accessories |
| Protection degree | IP40 |
| Operating temperature | from +10 to +70 °C |



AUTO



TILTLE
PROTECTION



PANTOGRAPH
PROTECTION



PANTOGRAPH + IR
PROTECTION



IR PROTECTION

DESCRIPTION

The PO20i is an electromechanical crimping machine with inverter technology, capable of exerting a force of 20 kN. Thanks to its monolithic cast iron structure and precision mechanical components, the machine provides excellent rigidity, compactness, and reduced weight, ensuring precise, reliable, and consistent crimping over time.

Available in both automatic and manual versions, the PO20i is equipped with a protective casing made of stainless steel and transparent, impact-resistant polycarbonate. These casings, available in tilting, pantograph, or door variants with safety barriers, ensure an optimal view of the crimping operations while providing complete protection for the operator, in compliance with CE regulations.

The machine offers the possibility of customizing the height and working stroke based on the applicators installed, including the models of the Evolution, Restyling, FAKRA, MK, FMK and Magnum series. It is also set up for the installation of load cells, both internal (model CDA10) and third-party.

The PO20i can be mounted on a workbench, with or without a wooden top, and allows the installation of various plug-in accessories for stripping, waste cable management and collection of processing waste. All the parameters of the machine and its accessories can be managed via an integrated display, for complete and intuitive control of the production process.