

# PONTE 320- welding machine

Inverter rectifier

Description

PONTE 320 MOST is the unit purposed for welding with MMA coated electrodes and TIG DC welding with friction start (LiftArc). Range of welding current up to 320 A and the possibility of welding with cellulose-coated electrodes makes PONTE 320 universal welder for any kind of MMA welding. The device is equipped with a VRD function, which reduces the open circuit voltage to 9 V (at the moment of arc ignition 67 V).

This unit has an intelligent ventilation system, which works in case of welding or exceeding the temperature specified inside. This solution allows to limit the dust accumulation inside the device.



Control panel – easy to use control panel designed for quick and intuitional change of parameters by a single knob. No need to memorize the sequence of settings for the given function, which greatly simplifies the welding operation.

Knob is designed to set values. Short press enables setting the parameters values (turning left/right). Press the knob for more than 2 seconds to select the working mode. Device automatically switches to STAND BY mode within 10 minutes, after the last operation is performed. In case of changing the parameters values or arc ignition, device switches to its normal working mode.

Ponte 320 is supported with temperature sensor signalling overheating.

Model	<b>PONTE 320</b>
Main voltage (50/60 Hz)	3x400 V +/-10%15%
Power I <sub>l</sub> max	26 A
Effective power I <sub>l</sub> eff	17 A
Welding current:	
at 40% duty cycle	320 A / 32,8 V
at 60% duty cycle	265 A / 31,2 V
at 100% duty cycle	220 A / 30 V
Range of welding current MMA i TIG	10 – 320 A
Open circuit voltage	62 V
Protection class	IP 23C
Insulation class	H (180°C)
Dimensions	655x275x385 mm
Weight	23 kg
Catalogue no.	
Rectifier Ponte 320 MOST	53 00 040320
Earth and electrode cable 35 mm <sup>2</sup>	53 99 990108
TIG holder 26V SGRIP 4 m MOST	56 01 062634
Argon regulator MOST	62 30 750400
Trolley	50 03 003940