

# SDT series head spot welders

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# SDT20 - SDT30 series

## SDT20 HEAD SPOT WELDERS

SDT20 head spot welder with pneumatic operation and 20KVA power at 50%.

The SDT20 head spot welder with electropneumatic operation ensures excellent quality of welding of cross-wires and different types of profiles. The SDT20 head spot welder is manufactured with 400V primary nominal voltage or 220V on demand. It can be equipped with a heading to avoid porosity on the welded profile. The head spot welder is completely water cooled.



SDT20 series

## SDT30 HEAD SPOT WELDERS

SDT30 head spot welder with pneumatic operation and 20KVA power at 50%.

The SDT30 head spot welder with electropneumatic operation ensures excellent quality of welding of cross-wires and different types of profiles. The SDT30 head spot welder is manufactured with 400V primary nominal voltage or 220V on demand. It can be equipped with a heading to avoid porosity on the welded profile. The head spot welder is completely water cooled.



SDT30 series

## "MICRO8" WELDING CONTROL

The "MICRO8" weld synchronous control board with a diode microprocessor controlled in 5 steps is equipped with the double programme and pulses.



# SDT20 - SDT30 series

TECHNICAL FEATURES	SDT20	SDT30
Nominal power at 50% ED	20 KVA	30 KVA
Max short-circuit power	32 KVA	47 KVA
Maximum welding power	26 KVA	48 KVA
Nominal primary voltage	400 V	400 V
Nominal frequency	50 Hz	50 Hz
Secondary voltage	4,8 V	5,4 V
Permanent secondary current	4,0 KA	40 KA
Short-circuit current	15,5 KA	18 KA
Max welding secondary current	9,5 KA	11 KA
Connection power	25 KVA	35 KVA
Pressure at the electrodes at 6 atm.	900 daN	1200 daN
Operation	Pneumatic	
Cooling	Water	
Clamp closing stroke	25 mm	25 mm
Welding stroke	30 mm	30 mm
Air consumption (mc / 1000 points)	5	5
Compressed air pressure (1 bar = 100 Kpa)	600 Kpa	600 Kpa
Dimension L x W x H	1595 x 865 x 805 mm	1665 x 865 x 805 mm
Weight	191 Kg	215 Kg