

gas-/ water-cooled compact MIG/MAG welding machines

- MIG 295: 12 step fine
MIG 325/405W: 2 step coarse, 12 step fine
 - high power 4-roller system, 140 W, wire speed 0,5-24 m/min, diameter of wire 0,8-1,6 mm
 - 2 choke connection for optimum arc dynamics on most welding tasks
 - control MS 15, compact, easy-to-change control-box
functions: wire feed speed (constantly controlled), wire soft start, wire burn-back time, 2/4-cycle, wire threading (without current and gas)
 - low-noise fan, thermostate controlled at gas-cooled types
 - thermal overload protection
 - central connection for welding torch
 - clear and service-friendly design
 - sign S
- option:**
- control MSE 2 with single-knob operation and ampere-volt-meter (wire feed speed resp.)
 - digital ampere-volt-meter DAVM3

MIG 295
MIG 325
MIG 405



MADE IN GERMANY



technical data	MIG 295	MIG 325	MIG 405 W
supply voltage, 50 / 60 Hz	400 V, 3 phase	400 V, 3 phase	400 V, 3 phase
fuse	16 A slow	20 A slow	25 A slow
max. power draw	13 kVA	16 kVA	22 kVA
cos phi	0,8	0,8	0,8
setting range	40 - 300 A	40 - 320 A	40 - 400 A
operating voltage	15,5 - 29 V	16 - 30 V	16 - 34 V
open circuit voltage	20 - 45 V	19 - 50 V	19 - 55 V
voltage steps	12	24 (2 x coarse, 12 x fine)	24 (2 x coarse, 12 x fine)
duty cycle 25(40)°C	60(45)%	260 A / 27 V	400 A / 34 V
	100(80)%	220 A / 25 V	250 A / 26,5 V
system of protection	IP 22	IP 22	IP 22
insulation class	H (180°C)	H (180°C)	H (180°C)
system of cooling	F	F	F
weight gas-cooled	110 kg	147 kg	153 kg
water-cooled	-----	155 kg	161 kg
dimensions L x W x H (mm)	1040 x 460 x 905	1040 x 460 x 905	1040 x 460 x 905

article number			
gas-cooled	840.285.018	840.325.006	-----
water-cooled	-----	840.325.016	840.405.015