

# sy-MIG

60% DC

MIG/MAG

MIG-Pulse

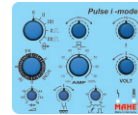
MIG Brazing

MMA

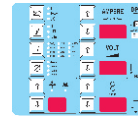
MIG/MAG Inverter



Pulse i-mode



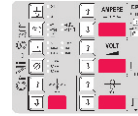
DPS Plus - 2



Alu Star



CrNi Star



**MAHE**  
Mahe in Germany

## Processes

MIG/MAG welding  
MIG/MAG-pulsed arc welding (400V)  
(10-500 Hz)  
MIG brazing  
Fluxed cored wire welding  
MMA welding

## Recommended base metals

Structural steels  
Coated constructional steels  
CrNi steels  
Duplex steels  
Nickel-based materials  
Aluminium materials

## Recommended areas of use




Plant construction  
Automobile and components industries  
Construction machinery  
Pressure vessel and tank construction  
Machine construction  
Track vehicle construction  
Ship building / Offshore  
Steel Constructions

## Standard equipment


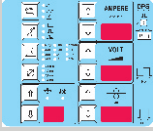
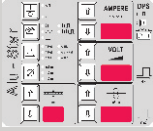
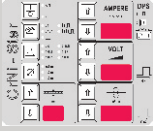
4 roll drive  
Normal or latching trigger operation  
Synergic mode  
S-mark, CE-mark  
Thermostat-controlled fan  
Thermal protection  
Spool isolation plate  
Panel (option)  
Upgradeable

## Options

Welding programs  
Accessories-Set (MIG-torch, reducing  
valve, earth cable)

sy-MIG	240	300	360	420
Art.Nr.	1303240400	1303300400	1303360400	1303420400
 (VAC) $U_i$ (Hz) (kVA)	400 50/60 7,4	400 50/60 10,3	400 50/60 13,6	400 50/60 17,3
	3xT16	3xT16	3xT20	3xT25
 (A) ED / DC * (%) $U_0$ (V)	20-240 60 59	20-300 60 59	20-360 60 59	20-420 60 59
(mm) (kg)	920x350x740 57,2 IP 23	920x350x740 57,2 IP 23	920x350x740 57,2 IP 23	920x350x740 57,2 IP 23
* EN 60974.1 (10 min. 40 °C)				

## Accessories

		Art.Nr.	Description
Control panels		<b>Control panel Pulse i-mode</b>	
		2110002002	Pulse i-mode Panel
		<b>Control panel DPS Plus - 2</b>	
		2110002014	DPS Plus - 2 Panel
		<b>Control panel Alu Star</b>	
	2110002016	Alu Star Panel	
		<b>Control panel CrNi Star</b>	
	2110002015	CrNi Star Pannl	
MIG Set		<b>2116150400</b>	<b>MIG-SET 1 / 140-170A gas cooled</b>
		<b>2116250400</b>	<b>MIG-SET 2 / 190-250A gas cooled</b>
		<b>2116360400</b>	<b>MIG-SET 3 / 250-360A gas cooled</b>
		<b>2116367400</b>	<b>MIG-SET 4 / 250-360A gas cooled</b>