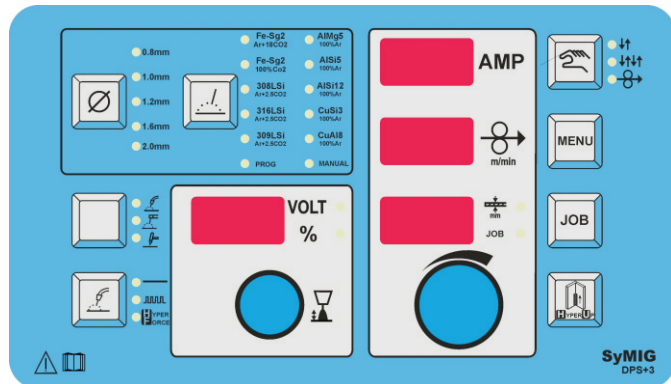


Sy-MIG CWK

- MIG/MAG
- MIG Pulse
- MIG Brazing
- MMA

UPGRADE able



- ◆ **Pulse**
- ◆ **HyperUP**
- ◆ **Hyper Force**
- ◆ **Hyper Root (option)**

Processes

- MIG/MAG welding
- MIG/MAG pulsed arc welding (10-500 Hz)
- MIG Brazing
- Flux cored wire welding
- MMA welding

Recommended areas of use

- Plant construction
- Automotive industry
- Construction machinery
- Pressure vessel and tank construction
- Machine construction
- Rail vehicles construction
- Shipyard / Offshore

Recommended base metals

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

Standard equipment

- 4 roll drive
- 2-cycle / 4-cycle operation
- Synergy mode
- S-mark, CE-mark
- Thermostat controlled fan
- Thermal protection
- Spool isolation plate
- Display with Hold function for welding current and welding voltage
- Hotstart
- End crater fill
- Adjustable dynamic
- UPGRADE able
- Water cooling

Options

- Torch with remote control
- Accessories-Set (MIG torch, reducing valve, earth cable)

Pulse welding inverter for highest demands

- *Comfort control "easy to use"*
- *Standard, pulse, HyperUp, Hyper Force*
- *Robust and Powerful*

Technical data

EN 60974

	240	300	400
Supply voltage	3x400V, 50/60Hz	3x400V, 50/60Hz	3x400V, 50/60Hz
Supply voltage tolerance	+/-17%	+/-17%	+/-17%
Fusing (slow fuse)	16A	20A	25A
Main cable	4x2,5qmm	4x2,5qmm	4x2,5qmm
Main cable Length	5m	5m	5m
Welding current range (A)	10 - 240A	10 - 300A	10 - 400A
Welding voltage range (V)	14,5 - 26V	14,5 - 29V	14,5 - 34V
Number of steps	Stepless	Stepless	Stepless
Dutycycle at max. current @40°C			45% / 400A / 34V
Current/voltage at 60%DC @40°C	240A / 26V	300A / 29V	360A / 32V
Current/voltage at 100%DC @40°C	210A / 24,5V	250A / 26,5V	300A / 29V
Max. input power (kVA)	10,5kVA	14,2kVA	21kVA
No load voltage U ₀ (V)	76V	76V	76V
Peak input current	15A	20,5A	31A
Effective input current	11,5A	16A	21A
Recommended generator power	15,1kVA	20,6kVA	31,1kVA
Drive rollers	4	4	4
Dimensions (HxWxL)	875x380x804	875x380x804	875x380x804
Weight	85kg	85kg	85kg
Protection class	IP23	IP23	IP23
Cooling capacity	1100W	1100W	1100W
Tank	4,5 l	4,5 l	4,5l
Marks of conformity	CE	CE	CE
Safety class	S	S	S