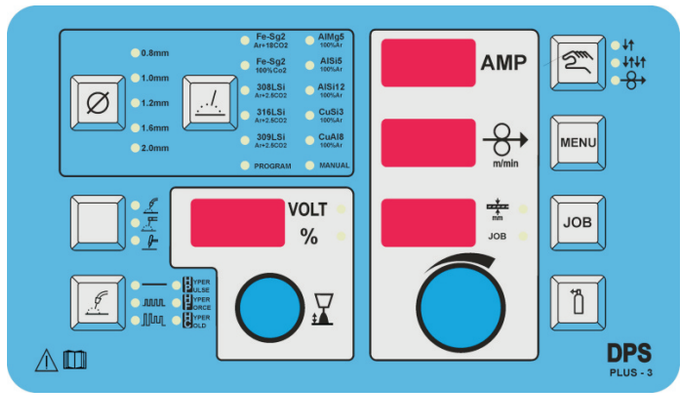
Hyper MIG WWK

MIG/MAG
MIG Pulse
MIG Brazing
MMA
CAG

UPGRADE able



- *HyperPulse*
- *HyperForce*
- *HyperCold*

Processes

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

Recommended areas of use

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

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)

Multiprocess welding inverter with Water cooling and separate wire feeder for highest demands

- ***Comfort control "easy to use"***
- ***All welding processes***
- ***Standard, pulse, double pulse, HyperPulse, HyperForce, HyperCold.***
- ***Up to 30 meter reconnection cable.***
- ***Robust and Powerful***
- ***Powerful water cooling***

Technical data

EN 60974

	240	300	400	500	600
Supply voltage	3x400V, 50/60Hz	3x400V, 50/60Hz	3x400V, 50/60Hz	3x400V, 50/60Hz	3x400V, 50/60Hz
Supply voltage tolerance	+/-17%	+/-17%	+/-17%	+/-17%	+/-17%
Fusing (slow fuse)	16A	20A	25A	40A	50A
Main cable	4x2,5qmm	4x2,5qmm	4x2,5qmm	4x6qmm	4x6qmm
Main cable Lenght	5m	5m	5m	5m	5m
Welding current range (A)	10 - 240A	10 - 300A	10 - 400A	10 - 500A	10 - 600A
Welding voltage range (V)	14,5 - 26V	14,5 - 29V	14,5 - 34V	14,5 - 39V	14,5 - 44V
Number of steps	Stepless	Stepless	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	500A / 39V	600A / 44V
Current/voltage at 100%DC @40°C	210A / 24,5V	250A / 26,5V	300A / 29V	420A / 34V	500A / 39V
Max. input power (kVA)	10,5kVA	14,2kVA	21kVA	30,6kVA	41,5kVA
No load voltage Uo (V)	76V	76V	76V	83V	83V
Peak input current	15A	20,5A	31A	44,5A	60A
Effective input current	11,5A	16A	21A	34,5A	46,5A
Recommended generator power	15,1kVA	20,6kVA	31,1kVA	44,7kVA	60,3kVA
Drive rollers	4	4	4	4	4
Dimensions (HxWxL) *	1375x380x804	1375x380x804	1375x380x804	1375x520x804	1375x520x804
Weight*	103kg	103kg	103kg	113kg	113kg
Protection class	IP23	IP23	IP23	IP23	IP23
Cooling capacity	1100W	1100W	1100W	2200W	2200W
Tank	4,5 l	4,5 l	4,5 l	10 l	10 l
Marks of conformity	CE	CE	CE	CE	CE
Safety class	S	S	S	S	S

* System