

3 - MIG/MAG welding

Industrial High Tech installations (Inverter technology)

DIGIPULS II is the very latest innovative MIG/MAG advanced welding machines offering the welding market superior quality welding. DIGIPULS II has been designed in a modular form for easy workshop mobility to suit all welding applications (manual or automatic). These machines offer easy to understand process options and parameter selection via the machine control panel or the wire feed unit.

DIGIPULS II 320 S / SW

Features:

- A modular concept to meet all user requirements,
- User friendly control panels,
- Small machine for easier access,
- Light installation (37 kg for the power source),
- Generator compatible,
- Full range of processes: Standard MIG/MAG / Pulse / Spray Modal / Speed Short Arc / MIG brazing / MMA coated electrodes,
- In synergic mode, more than 100 synergies available,
- Storage of 100 welding programmes,
- Parameter locking with a digit code the parameters will be limited from 0 to +/- 20% range,
- Full A1 automatic interface included,
- Harnesses (up to 50 m).

DIGIPULS II 320

Cat. No. **W000275263**

is delivered with:

- 1 power source with handle,
- 5 m primary cable,
- 5 m earth cable and clamp with DINSE connector.



DIGIPULS II 420 S / SW

Features:

- A modular concept to meet all user requirements,
- User friendly control panels,
- Small machine for easier access,
- Light installation (37 kg for the power source),
- Generator compatible,
- Full range of processes: Standard MIG/MAG / Pulse / Spray Modal / Speed Short Arc / MIG brazing / MMA coated electrodes,
- In synergic mode, more than 100 synergies available,
- Storage of 100 welding programmes,
- Parameter locking with a digit code the parameters will be limited from 0 to +/- 20% range,
- Full A1 automatic interface included,
- Harnesses (up to 50 m).

DIGIPULS II 420

Cat. No. **W000274838**

is delivered with:

- 1 power source with handle,
- 5 m primary cable,
- 5 m earth cable and clamp with DINSE connector.



DIGIPULS 520 SW

Features:

- The front panel is simplified to give direct access to the welding parameters,
- Full range of processes: Standard MIG/MAG / Pulse / Speed Short arc / MIG brazing / MMA coated electrodes,
- In synergic mode, more than 100 synergies are available,
- Complete welding cycle, pre-gas - hot start - down slope - post gas time adjustments,
- Storage of 9 welding programmes with additional option RC JOB or DV WKS,
- Full A1 automatic interface in option allows direct connection to an automatic welding machine as standard,
- Up to 500 A @ 60%,
- Manual push-pull option card to use with the push-pull torches.

To order - Cat. No. **W000270954**

Standard equipment:

- 1 power source,
- 5 m primary cable,
- 5 m earth cable and clamp with DINSE connector,
- Enclosed cooling unit.



	DIGIPULS II 320	DIGIPULS II 420	DIGIPULS 520
Power supply – Three phase - 50/60 Hz	400 V (+ 15% / - 20%)		400 V (+/- 10%)
Primary consumption at I max.	21.2 A	29 A	51.8 A
Fuse rating	32 A	32 A	-
No-load voltage	86 V	86 V	113 V
Welding current	15 A - 320 A	15 A - 420 A	20 A - 500 A
Duty cycle 10 min. cycle (at 40 °C)	60%	320 A	500 A
	100%	270 A	450 A
Number of rollers	4 drive rollers		
Dimensions (L x W x H)	Power source	738 x 273 x 521 mm	
	Wire feeder	738 x 273 x 521 mm	
	Cooling unit	720 x 280 x 270 mm	
Weight	Power source	37 kg	
	Wire feeder	17.5 kg	
	Cooling unit	16 kg	
Protection index	IP 23S		
Standard	EN 60974-1 - EN 60974-10		

To order			DIGIPULS II 320 S	DIGIPULS II 320 SW	DIGIPULS II 420 S	DIGIPULS II 420 SW	DIGIPULS 520 SW
Power source			W000275263		W000274838		W000270954
Add ons							
Wire feeder	Simple - DVU P 400	W000275266	●	●	●	●	-
	Expert - DVU P 500	W000275267	●	●	●	●	-
	DV 400 CDR	W000055082	-	-	-	-	●
	DV YARD PC D200	W000372373	●	-	●	-	-
	DV 400 WKS	W000267593	-	-	-	-	●
DIGIPULS II harness air version *	2 m	W000275894	●	-	●	-	-
	5 m	W000275895	●	-	●	-	-
	10 m	W000275896	●	-	●	-	-
	15 m	W000275897	●	-	●	-	-
	25 m	W000276901	●	-	●	-	-
	30 m	W000371246	●	-	●	-	-
	40 m	W000371245	●	-	●	-	-
DIGIPULS II harness water version *	50 m	W000371244	●	-	●	-	-
	2 m	W000275898	-	●	-	●	-
	5 m	W000275899	-	●	-	●	-
	10 m	W000275900	-	●	-	●	-
	15 m	W000275901	-	●	-	●	-
DIGIPULS I standard harness *	25 m	W000276902	-	●	-	●	-
	2 m	W000055091	-	-	-	-	●
	5 m	W000055092	-	-	-	-	●
	10 m	W000055093	-	-	-	-	●
	15 m	W000055094	-	-	-	-	●
COOLER II cooling unit for DIGIPULS II		W000273516	-	●	-	●	-
Antifreeze cooling liquid FREEZCOOL		W000010167	-	●	-	●	●
PROMIG NG 341 torch	3 m	W000345066	●	-	-	-	-
	4 m	W000345067	●	-	-	-	-
PROMIG NG 341W torch	3 m	W000345066	-	●	-	-	-
	4 m	W000345070	-	●	-	-	-
PROMIG NG 441 torch	3 m	W000345066	-	-	●	-	-
	4 m	W000345073	-	-	●	-	-
PROMIG NG 441W torch	3 m	W000345066	-	-	-	●	●
	4 m	W000345076	-	-	-	●	●
DIGITORCH P 341	4 m	W000345014	●	-	●	-	-
DIGITORCH P 341W	4 m	W000345016	-	●	-	-	-
DIGITORCH P 441W	4 m	W000345018	-	-	-	●	●
EUROSAF manoflowmeter 40 l/min		W000290248	●	●	●	●	●
Options							
Trolley	DIGIPULS II	W000279927	●	●	●	●	-
	DIGIPULS 520	W000055046	-	-	-	-	●
Swivel trolley II		W000279932	●	●	●	●	-
Pivot stand DIGIPULS 520 (requires wire feeder trolley)		W000055048	-	-	-	-	●
Boom arm trolley II		W000279930	●	●	●	●	-
Boom arm support		W000371976	●	●	●	●	-
Trolley wire feeder	DVU P400 & P500	W000275908	●	●	●	●	-
	DV 400 CDR	W000055050	-	-	-	-	●
	DV 400 WKS	W000267595	-	-	-	-	●
Wire feeder suspension cradle for DV 400 CDR		W000055101	-	-	-	-	●
Remote control	Simple for DVU P 400	W000275904	●	●	●	●	-
	RC JOB	W000273134	●	●	●	●	●
Push -pull board	DIGIPULS II	W000275907	●	●	●	●	-
	DIGIPULS 520	W000055061	-	-	-	-	●
Additional socket DIGIPULS 520 (CAD - Plug)		W000055040	-	-	-	-	●
Anti dust filter DIGIPULS 520		W000272382	-	-	-	-	●
Anti dust filter DIGIPULS II		W000370925	●	●	●	●	-
Push-Pull ALUTORCH	DG 342 torch 10 m	W000264913	●	-	●	-	-
	DG 352 torch 8 m	W000267606	●	-	●	-	-
	DG 441W torch 10 m	W000265067	-	●	-	●	●
Push-Pull DIGITORCH PP 451W	Straight torch 8 m	W000271006	-	●	-	●	●
	Curved 45° torch 8 m	W000267607	-	●	-	●	●
Additional flowmeter	DVU P 400 & P 500	W000275905	●	●	●	●	-
	DV 400 WKS	W000267596	-	-	-	-	●
ALUKIT box DIGIPULS II	Wire 1.0 / 1.2 mm	W000277622	●	●	●	●	-
	Wire 1.2 / 1.6 mm	W000277623	●	●	●	●	-
ALUKIT box DIGIPULS 520	wire 1.0 / 1.2 mm	W000255648	-	-	-	-	●
	wire 1.2 / 1.6 mm	W000255649	-	-	-	-	●
	wire 1.6 / 2.4 mm	W000255650	-	-	-	-	●
Power box		W000305106	●	●	●	●	●

*Also exist in aluminium version: consult us.