FastMig Pulse 350 / 450

Modular design, digital precision and quality

➕ Why buy

- Basic, 1-MIG, pulsed, double-pulsed MIG/MAG process
- High quality welding performance
- WISE arc performance options
- MATCH welding software choice
- Menu language selection
- Energy efficient
- Security code lock
- EN1090 compliant

➕ Applications

- Shipyards and offshore
- Metal fabrication workshops
- Chemical and process industry
- Automotive manufacture
- Production welding

Key features

FastMig Pulse puts you in control, delivering impressive weld quality and setting newstandards for customer choice. The modular design provides customer options in both hardware and software specification, ensuring a tailored solution to suit your specific welding environment.

Clear, simple control panel. Power and arc length control, memory channels and lock, safety isolation, inductance, gas test, wire inch, 2T/4T, hot start, crater fill and MMA options.

DuraTorque 4x4 wire drive mechanism ensures consistent wire speed and quality welds.

Three-core control cable makes distance cable sets lightweight and easy to maintain.

Choose from three wire feed cases, including tough, impact resistant, dual skin plastic, MXF63 and MXF67, offering long service life protection. MXF65 includes a metal cabinet door and is ideal for workshop environments.

Select, manage and refine weld process with P65 control panel. Process and materials menu, specialist welding functions, menu language selection, security lock, user channels.

FastMig Pulse leads its class, offering premium welding quality and modular construction. Plus welding software and menu language choice.

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Welding software choice

WORK PACK - MATERIALS PACK - PROJECT PACK . FastMig Pulse offers a variety of welding software choices. Choose either the standard materials package 'Work Pack', offering a basic selection of steel, stainless steel and aluminum welding curves in 1.0 mm and 1.2 mm filler wire sizes, or material specific packages for aluminum, steel or stainless steel applications. Integrated package options are also available including WiseFusion, the 'Auto arc length regulation solution' for improved weld quality and welding speed in all positions.

Project Pack offers the ultimate flexibility, suiting customers with very specific project requirements. With Project Pack you can select your own welding software profile from the DataStore, which is Kemppi's online webstore.

Should your needs change, you can easily upgrade your machine software profile as needed.

Upgrade your equipment anytime with alternative welding software, available through Kemppi DataStore at http://datastore.kemppi.com

Welding software	
Work Pack	15 welding programs
Aluminium Pack	12 welding programs
Steel Pack	12 welding programs
Stainless Steel Pack	12 welding programs
Work Pack + WiseFusion	15 welding programs
Aluminium Pack + WiseFusion	12 welding programs
Steel Pack + WiseFusion	12 welding programs
Stainless Steel Pack + WiseFusion	12 welding programs

For full package details and software options visit Kemppi DataStore at http://datastore.kemppi.com

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Wise products are welding software solutions, enabling levels of welding performance that otherwise would be impossible to achieve with standard MIG/MAG welding process. Use Wise products for enhanced root closure, constant power management, automated arc length control and precise thin sheet welding. Time limited demonstration versions of Wise solutions are integrated to equipment on delivery, so you can try before you buy.

If distance and access are your problem, then take a look at SuperSnake GT02S and GT02SW. SuperSnake extends the reach of standard Euro MIG welding guns, providing simple distance wire feeding for a variety of filler wires up to 30m from the wire feed unit. Negotiating its terrain with ease, SuperSnake is the ultimate predator of the welding world.

For more product information, videos and news, please visit our website at www.kemppi.com

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Technical specifications

FastMig Pulse		350	450
Mains voltage	3~, 50/60 Hz	400 V (-15…+20 %)	400 V (-15…+20 %)
Rated power	60 % ED		22.1 kVA
	80 % ED	16.0 kVA	
	100 % ED	15.3 kVA	16.0 kVA
Connection cable / fuse delayed		4G6 (5m) / 25 A	4G6 (5m) / 35 A
Output 40 ˚C	60 % ED		450 A
	80 % ED	350 A	
	100 % ED	330 A	350 A
Welding current and voltage range	MMA	10…350 A	10…450 A
	MIG	8…50 V	8…50 V
Max. welding voltage MMA		49 V	53 V
Open circuit voltage MMA		50 V	50 V
Open circuit voltage MIG/MAG/Pulse		80 V	80 V
Open circuit power		100 W	100 W
Efficiency		88 %	88 %
Power factor		0.85	0.9
Storage temperature range		-40…+60 ºC	-40…+60 ºC
Operating temperature range		-20…+40 ºC	-20…+40 ºC
Protection class		IP 23 S	IP 23 S
External dimensions	L x W x H	590 x 230 x 430 mm	590 x 230 x 430 mm
Weight		36 kg	36 kg
Voltage supply for auxiliary devices		50 V DC	50 V DC
X14, X15		fuse 6.3 A, delayed	fuse 6.3 A, delayed
Voltage supply for cooling unit		DC 24 V, 50 VA	DC 24 V, 50 VA

DuraTorque 4x4 wire drive mechanism

Menu selection in 9 language options

Process control panels for either 200 mm or 300 mm wire spool cabinets

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Ordering information

Power sources		
FastMig Pulse 350 power source		6150400
FastMig Pulse 450 power source		6150500
Wire feeders		
MXF63 wire feeder, 200 mm	Work Pack profile	6152300EL
MXF65 wire feeder, 300 mm	Work Pack profile	6152100EL
MXF67 wire feeder, 300 mm	Work Pack profile	6152200EL
MXF63 wire feeder, 200 mm	Project Pack profile	6152300
MXF65 wire feeder, 300 mm	Project Pack profile	6152100
MXF67 wire feeder, 300 mm	Project Pack profile	6152200
Gun holder GH 30		6256030
Control panels		
Arc Wizard P65 setup panel	Included with power source	SP155300
PF63 wire feeder control panel		6155200
PF65 wire feeder control panel		6155100
Welding software options		
Work Pack		99904230
Aluminium Pack		99904231
Steel Pack		99904232
Stainless Steel Pack		99904233
Work Pack + WiseFusion		99904234
Aluminium Pack + WiseFusion		99904235
Steel Pack + WiseFusion		99904236
Stainless Steel Pack + WiseFusion		99904237
MMA welding process		9991016
WiseRoot welding function		6265011
WiseThin welding function		9991013
WiseFusion welding function		9991014
WisePenetration welding function		9991000
MatchLog		9991017
DataGun software installation device		6265023

Interconnection cables	
Cable, 1.8 m	6260401
Cable, 5 m	6260405
Cable, 10 m	6260326
Cable, 15 m	6260325
Cable, 20 m	6260327
Cable, 30 m	6260330
Interconnection water cooled cables	
Cable, 1.8 m	6260410
Cable, 5 m	6260407
Cable, 10 m	6260334
Cable, 15 m	6260335
Cable, 20 m	6260337
Cable, 30 m	6260340
Other lengths available	
Return current cable 5 m, 70 mm^2	6184711
Remotes	
R30 DataRemote, 5m	6185420
R30 DataRemote, 10m	618542001
Transport units	
P 501 wire feed transport unit	6185269
PM 500 power source transport unit	6185291
Coolers	
FastCool 10 cooling unit	6068100
SuperSnakes	
GT02S, 10 m	6153100
GT02S, 15 m	6153150
GT02S, 20 m	6153200
GT02S, 25 m	6153250
GT02SW, 10 m	6154100
GT02SW, 15 m	6154150
GT02SW, 20 m	6154200
GT02SW, 25 m	6154250
MXF synchronisation kit	W004030

PMT welding guns

PMT		**PMT 25**	**PMT 27**	**PMT 32**	**PMT 35**	**PMT 42**	**PMT 30W**	**PMT 42W**	**PMT 52W**
Load capacity, Ar + CO$_2$	35 %	250 A	270 A	320 A	350 A	420 A			
	100 %						300 A	400 A	500 A
Cooling		Air	Air	Air	Air	Air	Water	Water	Water
Filler wires	ø mm	0.6…1.2	0.6…1.2	0.8…1.6	0.8…1.6	0.8…1.6	0.8…1.6	0.8…1.6	0.8…1.6
Length / Ordering code	3 m	6252513	6252713	6253213	6253513	6254213	6253043	6254203	6255203
	4.5 m	6252514	6252714	6253214	6253514	6254214	6253044	6254204	6255204

The gun's standard delivery has welding set for steel wire.

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