

SPLITFIRE, SPEEDFIRE, UPPERCUT

Portable handheld plasma systems

SPLITFIRE, SPEEDFIRE and UPPERCUT are inverter power sources with extremely high performance in relation to their weight. The machines weigh in at 17-18 kg, and cut maximum 25, 35 or 45 mm!

All three machines in the range are delivered with the PTA 121 torch, designed especially for the them.

A complete range of accessories with drag cutting shield, circle cutting guide, cutting wagon etc. is available.

For full mobility generator filter is standard.

Changes and new functions:

- New uniform design of the chassis on all power sources.
- Active fan control (AFC) to minimize dust intake into the power source.
- SPLITFIRE have increased power and duty cycle of 50% at 80A instead of 35% at 70A.
- SPEEDFIRE have increased duty cycle 40% at 100A instead of 35%.
- UPPERCUT has got front-mounted pressure gauge for easier control of pressure.

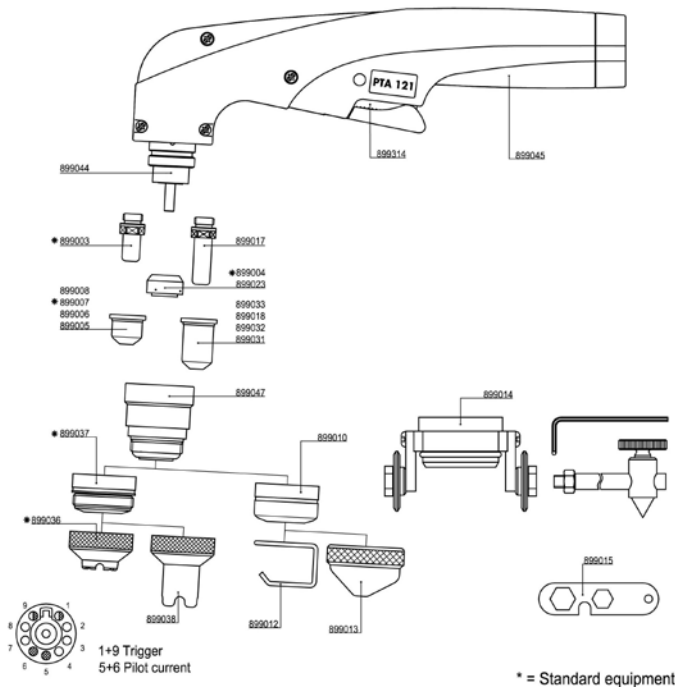
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Ordering information

899040 - PTA121 6m ZA
899041 - PTA121 15m ZA

status 12.07.2012



Art. No	Denomination
454045	SPLITFIRE complete with 6 m PTA121
454053	SPEEDFIRE complete with 6 m PTA 121
454042	UPPERCUT complete with 6 m PTA 121
899044	Torch head PTA 121
899003	Electrode standard PTA 120/121
899017	Electrode long PTA 120/121
899004	Swirl ring PTA 120/121 80-120 A
899023	Swirl ring PTA 120/121 20-80 A
899005	Nozzle 1,0 20-50 A PTA 120/121
899006	Nozzle 1,2 50-90 A PTA 120/121
899007	Nozzle 1,4 90-120 A PTA 120/121
899008	Nozzle 1,6 120 A PTA 120/121
899031	Nozzle 1,0 20-50 A long PTA 120/121
899032	Nozzle 1,2 50-90 A long PTA 120/121
899018	Nozzle 1,4 90-120 A long PTA 120/121
899033	Nozzle 2,5 gouging long PTA 120/121
899047	Protective cup PTA 120/121
899010	Spatter shield PTA 120/121
899037	Spatter shield, threaded PTA 120/121
899036	Drag cutting shield, threaded PTA 120/121
899012	Distance cutting guide PTA 120/121
899013	Bevel cutting guide PTA 120/121
899038	Drag cutting shield <i>long</i> PTA 120/121
899014	Circle cutting guide PTA 120/121
899045	Handle PTA 121
899314	Button PTA 25/121
899049	Hose assembly PTA 121 6m without torch head
899050	Hose assembly PTA 121 15 m without torch head
899015	Tool PTA 120/121
899040	Torch PTA 121 6 m complete
899041	Torch PTA 121 15 m complete

TECHNICAL DATA SPLITFIRE SPEEDFIRE UPPERCUT

Power supply	400 V, 3~50 Hz	400 V, 3~50 Hz	400 V, 3~50 Hz
Fuse	16 A slow blow	25 A slow blow	32 A slow blow
Maximum power	10 kVA	14,5 kVA	17,6 kVA
Process power	120 V, 20-80 A	120 V, 20-100 A	120 V, 20-120 A
Duty cycle	50% @ 80 A 60% @ 60 A 100% @ 45 A	40% @ 100 A 60% @ 80 A 100% @ 70 A	30% @ 120 A 60% @ 100 A 100% @ 80 A
Power factor	0,95	0,95	0,95
Open circuit voltage	240 VDC	240 VDC	240 VDC
Protection class	IP 23	IP 23	IP 23
Cooling	F	F	F
Temperature class	F	F	F
Dimensions LxWxH (mm)	560x190x320	560x190x320	560x190x320
Weight	17 kg	17 kg	18 kg
Max cutting capacity	25 mm	35 mm	45 mm
Quality cut	20 mm	30 mm	35 mm
Pressure/flow	4,5 bar/160 l/min	5,5 bar/190 l/min	5,5 bar/190 l/min

**When connected to generator power supply the recommended minimum power of the generator is 1,5 times the maximum power of the plasma systems, i.e. 15 kVA for SPLITFIRE, 22 kVA for SPEEDFIRE and 27 kVA for UPPERCUT*



Delivery scope:

- Power source
- Torch PTA 121 6 m length
- Consumable kit
- Powercable with CEE-plug
- Work piece cable
- Shoulder strap
- Air hose

Equip SPLITFIRE, SPEEDFIRE or UPPERCUT with machine torch PTM 120 for a cost effective and powerful mechanised alternative.

