

## 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.

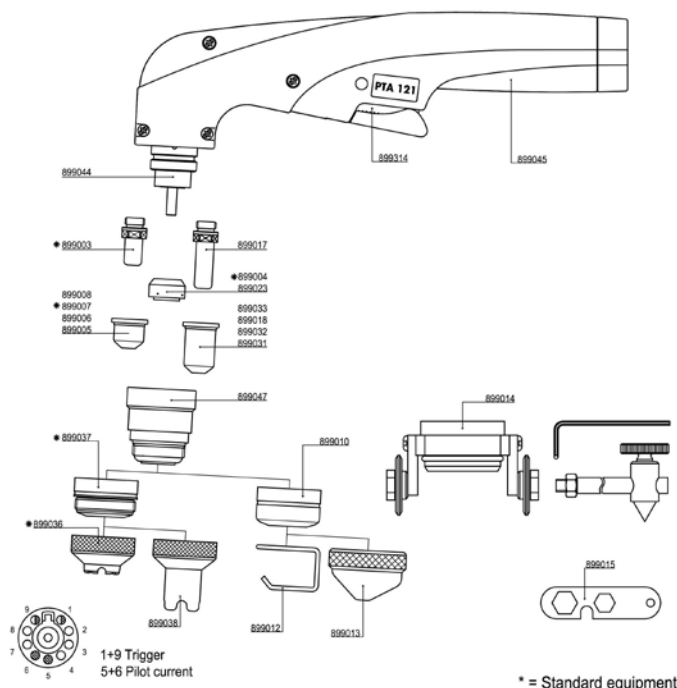
For full mobility generator filter is standard.



# 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 long 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<br>60% @ 60 A<br>100% @ 45 A | 40% @ 100 A<br>60% @ 80 A<br>100% @ 70 A | 30% @ 120 A<br>60% @ 100 A<br>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  
Power cable 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.

