

## **SPLITFIRE/SPEEDFIRE/UPPERCUT**

Air plasma systems for manual and mechanized cutting and gouging



**SPLITFIRE, SPEEDFIRE** and **UPPERCUT** are portable air-plasmasystems with extremely high performance in relation to their low weight, the power sources with 80, 100 and 120A only weighs 17-18 kg and cut up to 25, 35 and 45mm thickness.

With air plasma systems you can cut mild steel, stainless steel, aluminum, brass, copper and other electrically conductive materials.

The systems are supplied for manual cutting with air-cooled hand torch PTA 121 available in lengths of 6m and 15m. For mechanized cutting system is supplied with the machine torch PTM 120 available in lengths of 6m and 12m. Full range of accessories with contact cutting shields, cut support carriage, circle cutter, etc. are available.

<b>Technical data:</b>	<b>SPLITFIRE</b>	<b>SPEEDFIRE</b>	<b>UPPERCUT</b>
Power supply	400V, 3~ 50/60Hz	400V, 3~ 50/60Hz	400V, 3~ 50/60Hz
Fuse	16 A slow blow	32A slow blow	32A slow blow
Maximum power	12 kVA*	14,5kVA*	17kVA*
Process power	120V, 20-80A	120V, 20-100A	120V, 20-120A
Duty cycle	50%, @ 80A 60%, @ 70A 100%, @ 50A	40%, @100A 60%, @80A 100%, @70A	30%, @ 120A 60%, @ 100A 100%, @ 80A
Power factor	0,95	0,95	0,95
Open circuit voltage	240 VDC	240VDC	240VDC
Protection class	IP 23	IP23	IP23
Cooling	F	F	F
Temperature class	F	F	F
Dimensions LxWxH	560x190x320	560x190x320	560x190x320
Weight	17 kg	17 kg	18 kg
Max cutting capacity	25 mm	35 mm	45 mm
Quality cut	20 mm	30mm	40 mm
Pressure/flow	4,5 Bar / 160 l/min	5,0 Bar / 190 l/min	5,0 Bar / 190 l/min

\* when connected to a generator power supply the recommended minimum power of the generator is 1.5 times the maximum power of the plasma system.

## Delivery scope:

- Power source
- Torch PTA 121 or PTM 120 according to order
- Consumable kit
- Mains cable with CEE-connection
- Work piece cable 3m
- Air-hose
- Shoulder strap
- Users manual
- CNC interface contact (PTM 120)