

pure energy

# SmartFocus 130, 200, 300

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## Simply good cutting

With just a few settings the compact plasma cutting units of the Smart Focus series achieve excellent results in the cutting range from 1 to 80 mm – even under most challenging conditions. The Smart Focus units can also be used for marking, bevel and underwater cutting.

## Contour Cut technology

All Smart Focus units are equipped with the Contour Cut technology for cutting mild steel: Small contours, narrow webs and holes with a diameter to material thickness ratio of 1:1 can be cut in excellent quality. Contour Cut Speed allows the cutting of contours with a speed that is up to 50 % faster.

## Torches & gas control – intelligent redevelopment

Newly developed gas supply units are available for the Smart Focus series, either manual or fully automated. With these the user achieves best cutting results with highest, reproducible quality. The new torches PerCut 2000 and PerCut 4000 have been improved as well. They provide precise cuts and highest cutting speeds. Their unique cooling system guarantees longest consumable life and reduces the gas consumption und cutting costs per metre.

## Advantages

- ✔ Highest cutting quality
- ✔ High cutting speed
- ✔ Low perpendicularity
- ✔ User-friendly & easy to service
- ✔ Less cutting meter costs

## Application areas

- Metal construction & engineering
- Job shop production
- Steel & hall construction
- Plant & tank construction
- Commercial vehicle & crane construction
- Pipeline & ventilation construction
- Shipbuilding & automotive engineering
- afm

## Technical data

Power source	SmartFocus 130	SmartFocus 200	SmartFocus 300
Mains voltage	3 x 400 V, 50 Hz	3 x 400 V, 50 Hz	3 x 400 V, 50 Hz
Fuse, slow	50 A	100 A	125 A
Connected load max.	28 kVA	51 kVA	79 kVA
Cutting current (100% d.c)	35 - 130 A	35 - 200 A	35 - 300 A
Marking current (100% d.c)	12 - 50 A	12 - 50 A	12 - 50 A
Dimension (L x W x H)	1030 x 570 x 1260 mm	1030 x 680 x 1450 mm	1030 x 680 x 1450 mm
Weight	266 kg	388 kg	488 kg

SmartFocus	Mild steel		Stainless steel		Aluminium	
	Cutting current (A)	Cutting speed (mm/min)	Cutting current (A)	Cutting speed (mm/min)	Cutting current (A)	Cutting speed (mm/min)
Material thickness (mm)						
1	135	2600	60	8000	35	6000
2	35	1600	60	7000	35	6000
4	60	4100	60	5000	60	3300
5	60	3100	60	4000	60	3100
6	90	3700	130	1600	130	3500
8	130	3700	130	1500	130	1400
10	130	3400	130	1400	130	1300
12	200	3000	130	1200	130	1200
15	200	2800	200	1500	200	3800
20	200/300	1800/2600	200/300	850/1500	200/300	3300/3800
30	200/300	1000/1500	200/300	600/1000	200/300	3300/2200
40	300	1100	300	670	300	1500
50	300	600	300	570	300	1200
60	300	350	300	430	300	800
70	300	150	300	280	300	450
80	300	100	300	170	300	200