

# ***PLASMA CUTTERS***



# Plasma cutters

## Series **Craftcut**<sup>®</sup>

Compact, economical and powerful plasma cutting devices for professional continuous use

- ▶ For stainless steel, aluminium, steel, non-ferrous metals, also with painted surfaces
- ▶ From thin sheets to heavy plates
- ▶ Suitable for use on generators, e.g. in workshops, harbours, chemical plants, schools, metal construction, on building sites, ships or for farmers

- ▶ Pilot ARC controller: The set welding current is only released after the arc has been ignited
- ▶ Filter pressure regulator with plug nipple



Equipment	Craft-CUT 41	Craft-CUT 41P	Craft-CUT 63	Craft-CUT 123 CNC
LCD display			✓	✓
Pilot ARC controller	✓	✓	✓	✓
PFC operation		✓		
CNC interface				✓
Trafimector connection			✓	✓



**CRAFT-CUT 41P**

- ▶ Power factor correction PFC also enables use on cable reels

**CRAFT-CUT 63**

- ▶ With pressure reducer

**CRAFT-CUT 123 CNC**

- ▶ CNC interface for machine connection

**Includes plasma torch S65**  
(Craft-CUT 41/ Craft-CUT 41P)



**Including Pluscut plasma torch**  
(from Craft-CUT 63)



## OPERATION

- 1 Digital display Amperage
- 2 Digital pressure display
- 3 Operation indicator light (green)
- 4 Temperature indicator light (yellow)



- 5 Lack of air display
- 6 Working lamp for plasma cutter connection
- 7 Cutting current controller
- 8 RUN/SET switch: RUN for start of cut; SET for gas test

## TECHNICAL DATA:

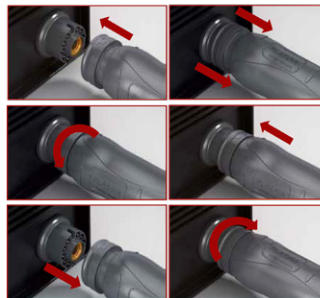
Model		CRAFT-CUT 41P	CRAFT-CUT 63	CRAFT-CUT 123 CNC
Art. no.		1075042	1075064	1075124
<b>Technical data</b>				
Quality cut steel (ST37)	mm	15	25	45
Stainless steel quality cut	mm	15	25	45
Aluminium quality cut	mm	14	20	30
Steel separating cut (ST37)	mm	20	30	50
Stainless steel separating cut	mm	20	30	50
Aluminium separating cut	mm	16	22	35
Power consumption	A	110V: 36.5 / 230V: 21.8	16.1	33.2
Plasma duty cycle	%	60	90	60
Plasma setting range	A	40	20 – 65	20 – 120
Welding current at 100% duty cycle [40°C] Plasma	A	30	61	100
Power consumption plasma	kVA	4.8	6.1	13.8
Voltage at ON time 100% duty cycle [40°C] Plasma	V	92	104	120
Air requirement	l/min	120	140	200
Operating pressure	bar	5	5	5
No-load voltage	V	320	450	420
Insulation class		H	H	H
Overall performance	kVA	110V: 4.0 / 230V: 5.0	9.1	18.8
Electrical connection ~50 Hz	V	230	400	400
Dimensions (L x W x H) approx.	mm	460 x 145 x 280	660 x 240 x 445	700 x 240 x 445
Weight approx.	kg	8.5	23	33
Standard <sup>1)</sup>				

### CRAFT-CUT 41/ CRAFT-CUT 41P SCOPE OF DELIVERY:

- Plasma torch S65 / 6m
- 3 m ground cable 6 mm<sup>2</sup> with earth clamp 300 A
- Standard central adapter

### CRAFT-CUT 63/123CNC SCOPE OF DELIVERY:

- Plasma torch Pluscut 65 / 6m (Craft-CUT 63)
- Plasma torch Pluscut 105 / 6m (Craft-CUT 123CNC)
- 3 m ground cable 8 mm<sup>2</sup> with earth clamp 300 A
- Central adapter Trafimector



#### CraftCut 63 and 123CNC

The TRAFIMECTOR® is one of the most compact connectors on the market and allows the torch to be changed without tools.

## Cutting performance

#### CRAFT-CUT 41

Quality cut approx.. **10 – 15 mm** <sup>(1)</sup>

#### CRAFT-CUT 41P

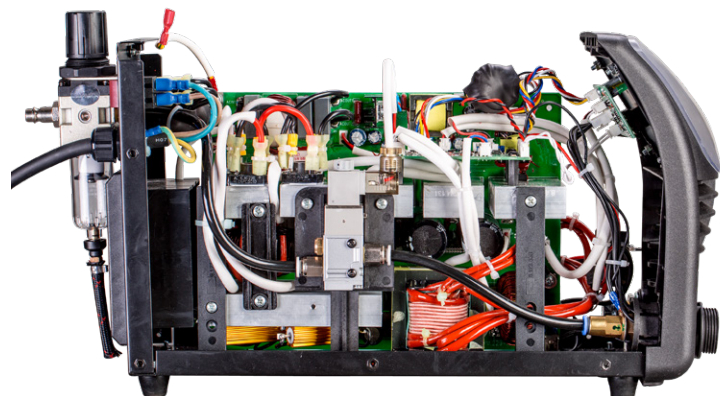
Quality cut approx.. **10 – 15 mm** <sup>(1)</sup>

#### CRAFT-CUT 63

Quality cut approx. **25 mm** <sup>(1)</sup>

#### CRAFT-CUT 123 CNC

Quality cut **approx. 45 mm**



(1) in steel

1) EMC class A: Welding equipment not intended for use in residential areas where the power supply is provided by a public low-voltage supply system.

2) Explanation of transport surcharge – see overleaf, details of TP2RS plus VAT

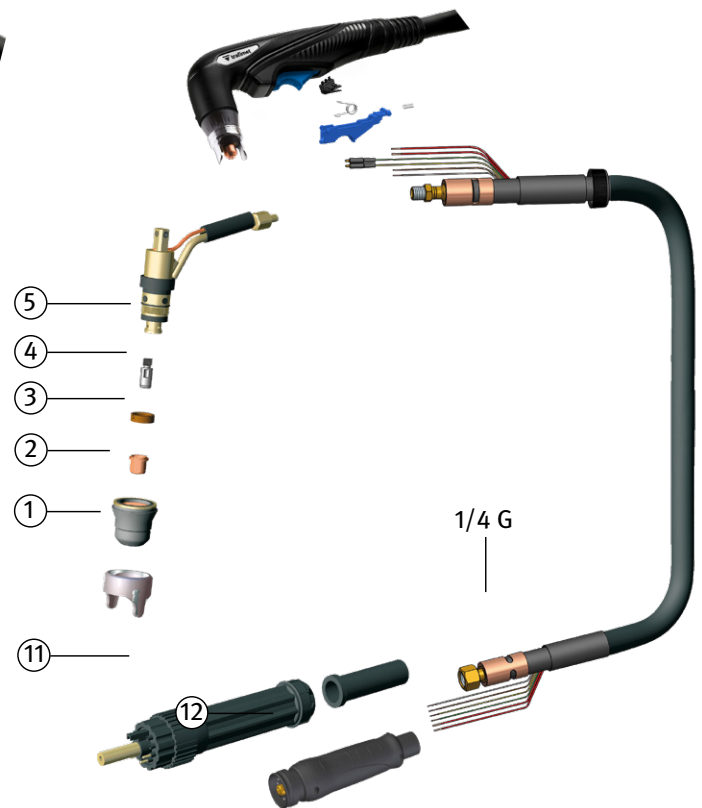
# Plasma cutters

## Plasma torch Express cut S 65 6m incl. central connection for CRAFT-CUT 41 / 41P



Designation	Art. no.
S65 6m incl. central connection, air-cooled	1332066

Technical data:	S65 6m
Welding current DC max.	60A
Duty cycle	60%
Air pressure	4 bar
Compressed air consumption	100 l/min



Circular cutting device

No.	Designation	Art. no.	PU <sup>(1)</sup>
5	Plasma electrode short	1332100	10
3	Cutting nozzle 0.8	1332101	10
3	Cutting nozzle 1.0	1332102	10
3	Cutting nozzle 1.6 for gouging	1332106	5
2	External protective nozzle 29 mm	1332103	2
1	Spacer	1332104	2
	Contact protection	1332105	2
4	Diffuser 4.6 mm	1333112	1
	Guide carriage	1333141	1
	Wear parts set		
	5 x Electrode		
	2 x diffuser		
	3 cutting nozzles		
	3 cutting nozzles	1332110	1
	2 x external protection nozzle		
	3 x distance piece		
	1 x sorting box		
	Circular cutting device	1333121	1

**Plasma torch Pluscut 65 / 6 m and 12 m  
Incl. Trafimector**

**Plasma torch Pluscut 85 / 6 m and 12 m  
Incl. Trafimector**

**Plasma torch Pluscut 105 / 6 m and 12 m  
Incl. Trafimector**



Designation	Art. no.
Pluscut 65 / 6 m	1335065
Pluscut 65 / 12 m	1335067
Pluscut 85 / 6 m	1335085
Pluscut 85 / 12 m	1335087
Pluscut 105 / 6 m	1335085
Pluscut 105 / 12 m	1335122

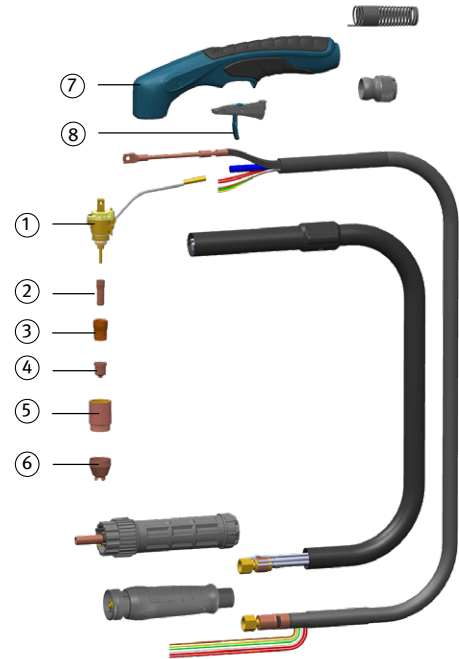
Technical data:	Pluscut 65	Pluscut 85	Pluscut 105
Cooling	air-cooled		
Connection	Trafimector connection		
Welding current DC max.	65 A	85 A	105
Air pressure	4.5 – 5 bar	4.5 – 5 bar	4.5 – 5 bar
Compressed air consumption	225 l/min	225 l/min	250 l/min



- 1 x protective cap 45-85A
- 1 x external protection nozzle 45-85A
- 1 x cutting nozzle 85A
- 1 x Swirl ring 45-85A
- 1 x Electrode 45-105A



*Circular cutting device*



No.	Designation Pluscut 65/85/105	Art. no.	PU <sup>(1)</sup>
5	Cooling tube Pluscut 45-105A	1331701	2
	Electrode Pluscut 45-105A	1331702	5
4	Pluscut 45A cutting nozzle	1331704	5
1	Torch body Pluscut 45-105A	1331706	
	Long protective cap Pluscut 45-105A	1331708	2
2	Electrode long Pluscut 65-105A	1331711	5
	Circular cutting device Pluscut 45-105A	1331740	
8	Microswitch kit Pluscut 45-105A Pluscut 45-105A	1331741	
8	Micro switch Pluscut 45-105A	1331742	

No.	Designation Pluscut 65	Art. no.	PU <sup>(1)</sup>
	Pluscut 45A starter set	1331700	
3	Swirl ring Pluscut 45-85A	1331703	
5	External protection nozzle Pluscut 45-85A	1331705	1
6	Protective cap Pluscut 45-85A	1331707	
	Pluscut 65A cutting nozzle	1331712	5
	Cutting nozzle long Pluscut 65A	1331713	5
	Protective cap for gouging tools Pluscut 65-85A	1331714	2
	Cutting nozzle for gouging Pluscut 65A	1331715	5

No.	Designation Pluscut 85	Art. no.	PU <sup>(1)</sup>
	Pluscut 65A starter set	1331710	
3	Swirl ring Pluscut 45-85A	1331703	
5	External protection nozzle Pluscut 45-85A	1331705	2
6	Protective cap Pluscut 45-85A	1331707	2
	Protective cap for gouging tools	1331714	2
	Pluscut 85A starter set	1331720	
	Pluscut 85A cutting nozzle	1331721	5
	Cutting nozzle long Pluscut 85A	1331722	5
	Cutting nozzle for gouging	1331723	5

No.	Designation Pluscut 105	Art. no.	PU <sup>(1)</sup>
	Pluscut 105A starter set	1331730	
3	Swirl ring Pluscut 105A	1331731	
	Pluscut 105A cutting nozzle	1331732	5
	Cutting nozzle long Pluscut 105A	1331733	5
5	Pluscut 105A external protection nozzle	1331734	1
6	Protective cap Pluscut 105A	1331735	2
	Protective cap for gouging tools Pluscut 105A	1331736	2
	Cutting nozzle for gouging	1331737	5

<sup>(1)</sup> PU = quantity in pieces per packaging unit. Purchase only possible in PUs