



TransCut 300

Plasma cutting with a liquid medium



PERFECT WELDING

A cut above the rest – anytime, anywhere

GENERAL REMARKS

Fluid instead of compressed air

When Fronius talk about an innovation, there's always a very good reason. And in this case, a very simple one: The fact that TransCut is a plasma cutting device that does not work in the conventional way with compressed air, but with a small quantity of fluid. This fluid serves as the medium for the high-energy plasma jet, and also makes this new unit very lightweight and portable.

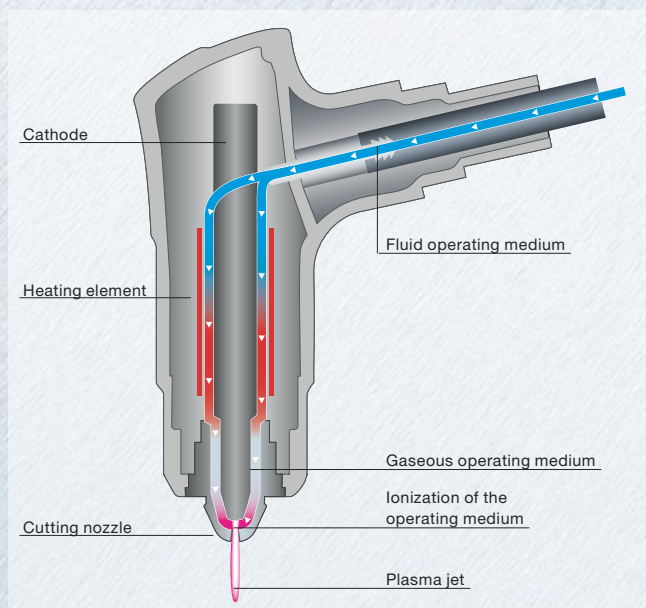
As a result, the TransCut 300 is a compact plasma cutting device for on-site and field use. Its integral reservoir for the liquid cutting medium holds 1.5 liters, enough for you to work for up to a month on one tankful.

HANDLING

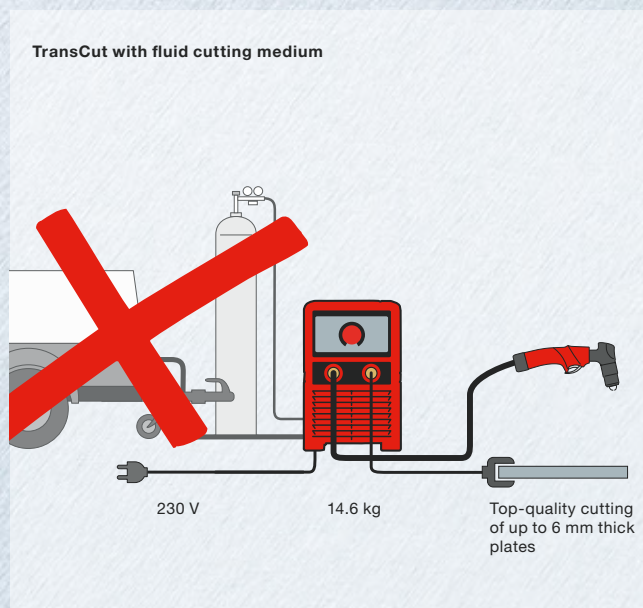
Unlimited portability

Weighing in at only 14.6 kg, TransCut 300 is the compactest and lightest cutting device in its class. It can be powered from either a 230 V mains outlet or a generator. The compact cutting device can be taken anywhere, anytime, and only takes a few moments to ready for operation. This is what makes TransCut so portable and ideal for use in the field.

Simply sling it over your shoulder, take it to where it's needed, plug it in and start cutting. Plug and Cut – never before has cutting been so easy, and so portable. As we said, TransCut means unlimited portability.



Space-saving fluid serves as the cutting medium. Inside the cutting torch, it is heated up and vaporized. The result: Top-quality cutting of up to 6 mm thick plates, easier portability and fewer pollutant emissions than with compressed-air-powered cutting systems.



TransCut does without compressed air. An ordinary 230 V mains outlet is all you need, then you can start making top-quality cuts on up to 6 mm thick plates right away. Despite the fact that the unit only weighs 14.6 kg.

Simply sling it over your shoulder and take it wherever it's needed. TransCut stands for unlimited portability.



CUTTING CHARACTERISTICS

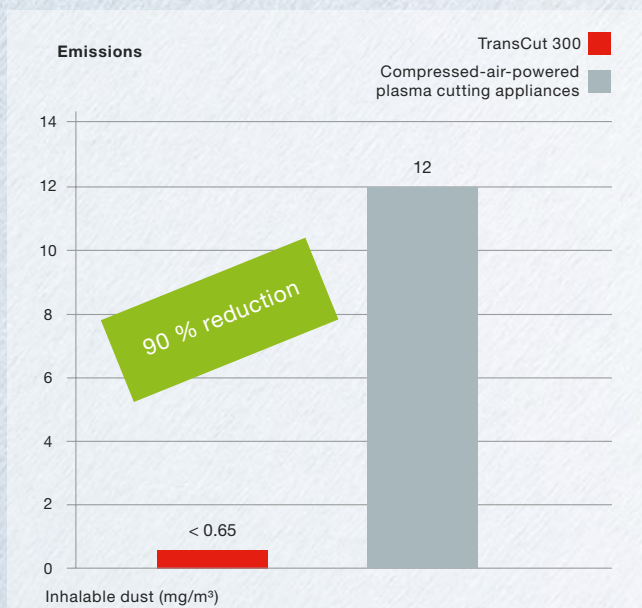
A clean-cut argument

The water-based cutting process avoids any nitriding of the cut surfaces and delivers bright, metallurgically clean, oxide-free surfaces. This greatly reduces the risk of pore formation during subsequent welding work.

“Green cutting” – 90 % less emissions

On top of these many plus-points, there is another thing that should definitely not be overlooked: Cutting with TransCut is “green cutting”. TransCut also “cuts” emissions of harmful pollutants – by as much as 90 %! This hugely improves the workplace climate.

At the same time, TransCut also “cuts down on” flying metal sparks and the resultant soiling of the components. Particularly on pipelines, this means that far less cleaning and machining work is then needed.



TransCut “cuts” harmful emissions by up to 90%.

FACTS

Product characteristics

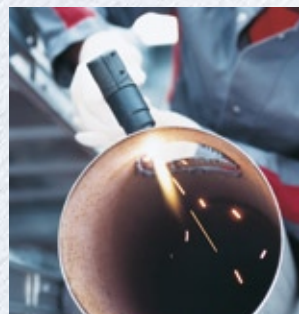
- unlimited portability – lightest plasma cutting device in its class
- “green” cutting means greatly reduced pollutant emissions
- fluid cutting medium

Cutting characteristics

- cuts steel, chrome-nickel and aluminum
- top-quality cutting of up to 6 mm thick plates
- no nitriding or oxidation of the cut surfaces

Areas of use

- constructing air-conditioning and ventilation systems
- motor vehicle repair workshops / autobody construction
- site-erection



The drastic reduction in flying sparks means that much less subsequent cleaning and remachining is needed.



UTILIZATION

TransCut puts you a cut above the rest!

The TransCut is the ideal cutting device for mobile deployment on jobsites. Its field of application ranges from air-conditioning and ventilation systems to motor vehicle repair and autobody workshops, and from site-erection contractors and industrial plant and pipeline construction to corrective maintenance and repair.

This generator-compatible cutting system cuts steel, chrome-nickel and aluminum. Top-quality cuts are possible on sheets and plates of up to 6 mm thick.

TECHNICAL DATA

		TransCut 300
Mains voltage, single-phase + 10 % / - 15 %		230 V
Mains fuse protection (slow-blow)		16 A
Cutting-current range		16 – 30 A
Cutting current	35 % d.c	30 A
	100 % d.c	6 A
Operating duration per tankful of fluid medium		3 h
Degree of protection		IP 23
Dimensions LxWxH	mm	460x180x275
	inches	18.11x7.09x10.83
Weight		14.6 kg / 32.16 lb



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