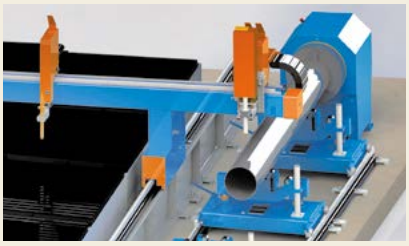
Vanad **RotCUT**

Vanad
CNC Thermal Cutting Machines

> OXY-FUEL / PLASMA / LASER
> TUBES AND PROFILES
> CUSTOMISED SOLUTIONS
> HIGH ACCURACY

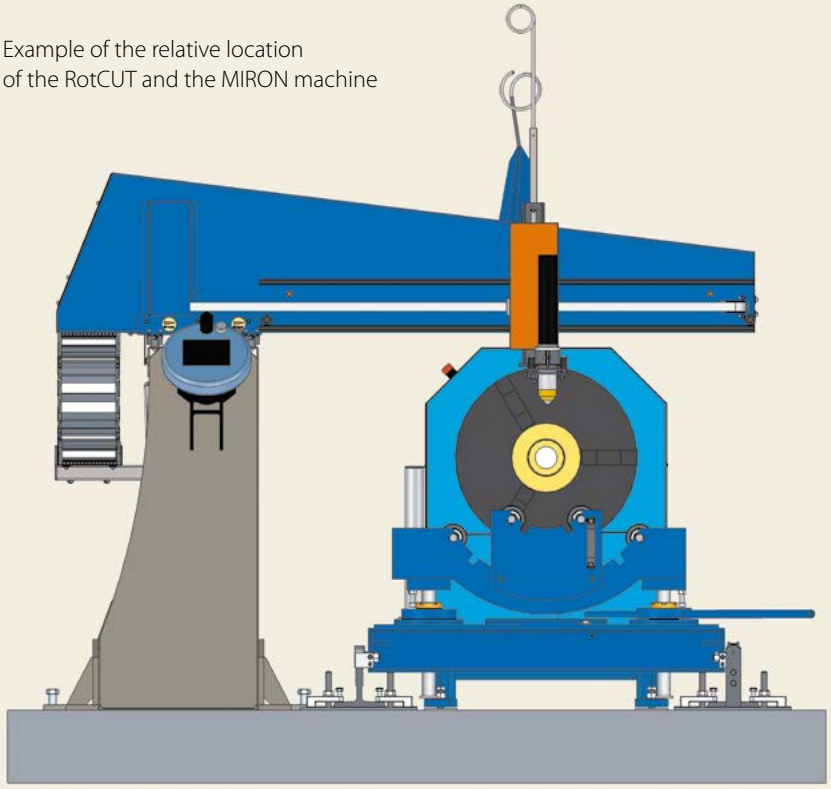


The RotCUT is a modern, highly effective supplementary device for precise tube and profile processing, delivered together with Vanad machines. The RotCUT is designed for the production of steel construction components. The RotCUT device is distinguished by its remarkable accuracy, reliability and performance. The device is always tailor-made to meet requirements of each customer in order to achieve the maximum range of diameters and high productivity. Supporting steadies and the track for their fast transfer are included in RotCUT.

Features

- Proven reliable robust construction allowing for achievement of high accuracy of fabricated shapes
- Ease of operation
- Reliable and user-friendly control system
- High versatility of the station in connection with a standard Vanad cutting machine
- Variable creating of cutting plans
- Minimum investment costs
- Transfer of the movement from axis "Y" program to the rotary axis "Rc" during cutting

Example of the relative location of the RotCUT and the MIRON machine



The supplementary RotCUT device for processing of tubes and profiles may be used in combination with other machines, e.g. Vanad BLUESTER, PROXIMA, MIRON, SUPREMA, MIRON Laser and KOMPAKT Laser

Two models of RotCUT with servo motors are available:

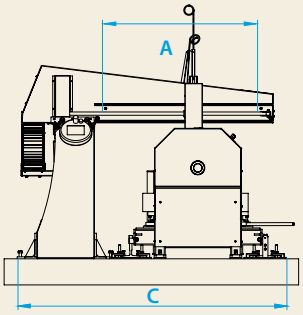
- RotCUT with a maximum tube diameter of 314 mm
- RotCUT with a tube diameter range of 60–1,000 mm

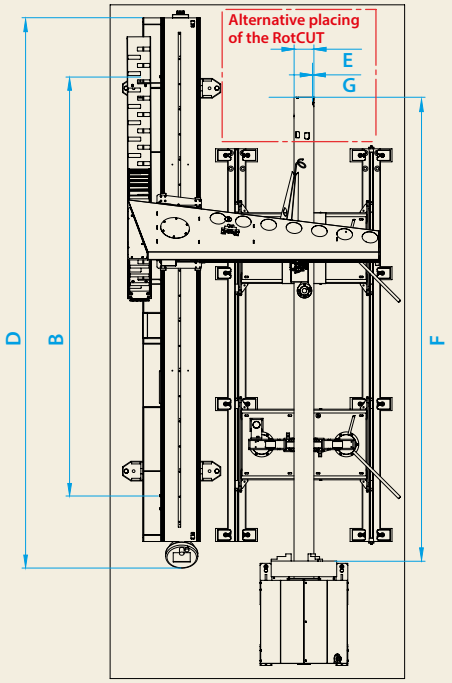
Possible combinations of the RotCUT device

The RotCUT device for processing of tubes and profiles may be combined with the following Vanad CNC machines:

- RotCUT + BLUESTER, PROXIMA, MIRON, SUPREMA
- RotCUT Laser + KOMPAKT Laser, MIRON Laser

Example of the relative positioning of the RotCUT and the MIRON machine





			MIRON + RotCUT	PROXIMA + RotCUT	KOMPAKT Laser +RotCUT	SUPREMA + RotCUT
Tube diameter	E	[mm]	60 – 600	60 – 1 000	max. 246	max. 314
Tube length	F	[mm]	max. 3 000	max. 6 000	in relation to the machine length (15x30 = 2500)	max. 3 000
Tube wall thickness	G	[mm]	max. 20	max. 20	max. 20	max. 20
Drive			servo motor with epicyclic gear			stepping motor with epicyclic gear
Construction of the device			steel, assembled			
Tube clamping			three-, or four-jaw chuck			
Control system			B&R			

We have developed a special solution tailor-made to meet our customers' special requirements regarding machining tubes – e.g. MIRON Laser machine with the solid state laser system SPI 500 W, supplementary RotCUT device, Kemper filter system and Orlik compressor

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