Vanad **MIRON**

Vanad
CNC Thermal Cutting Machines

> OXY-FUEL / PLASMA / LASER

> EASY ACCESS

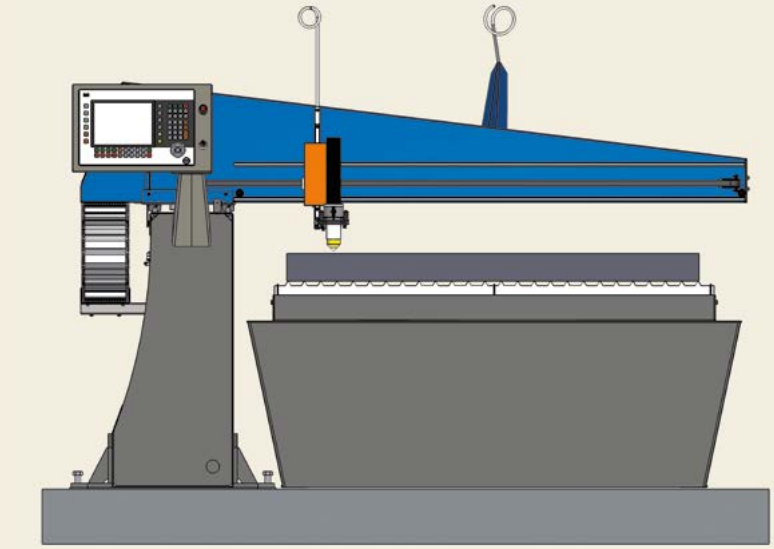
> SMALL SIZE

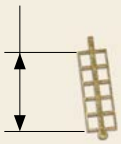
> SUPPLEMENTARY DEVICE RotCUT

The Vanad MIRON Laser CNC cutting machine is a top-ranking device with a simple construction. Its advantage is a quick and simple installation. Thanks to an open access it can process larger or non-standard metal sheets despite its small dimensions. This machine can be fitted with three types of thermal cutting technologies: oxy-fuel, plasma and also fiber laser. The basic models available are MIRON with plasma or oxy-fuel technology, MIRON RotCUT for processing of tubes and profiles, and MIRON Laser.

Features

- Suitable for combining with any of the thermal cutting technologies (oxy-fuel, plasma, laser)
- Small installation length and width compared to portal construction
- Easy access to the table from the side
- Performance of the fiber laser up to 1 kW
- Touch screen Power Panel 500 with a techno-logical keyboard, model MIRON Laser with the 15" adjustable touch screen with a techno-logical keyboard and 24" screen for monitoring of cutting observation
- Easy control of operation
- Solid construction of separate track block
- Standard thickness of the cut material up to 100 mm
- Cutting of highly reflective materials
- Minimum kerf
- Possible common line cutting
- Elimination of downtime during operation
- High-performance, operationally stable, user-friendly CNC system





MIRON Laser is an efficient CNC cutting machine equipped with fiber laser, which effortlessly cuts metal and non-metal materials such as mica plates, HSS sheets, klingerit, mirelon, polyethylene foam, anti-vibration rubber sheets, cardboard, cork, brass, bronze, copper and tar paper.

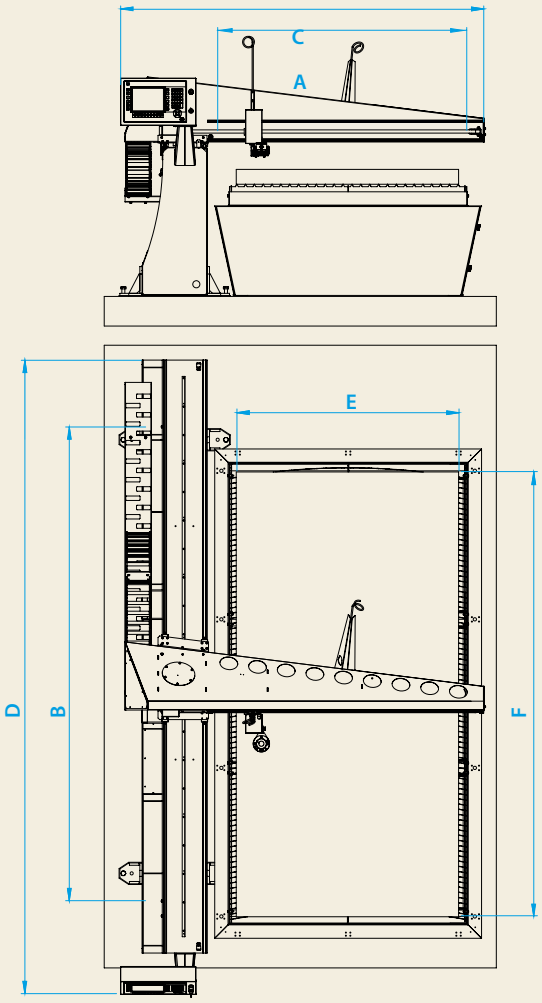
The machine also allows for cutting with compressed air, which greatly reduces not only the cutting costs, but also provides additional benefits for cutting of aluminium, and stainless as well as structural steel

Standard equipment

- B&R control system
- Flexible energy chains
- Two linear guides for the single-side longitudinal travel
- Motors with constant torque – high quality cut parts
- Transfer of cutting data via the USB or LAN network
- Precise control of the plasma torch height

Optional equipment

- Laser pointer for setting of the initial torch position
- IHT capacitive height control
- CAD/CAM software for preparation of the cutting data



Vanad MIRON			10	15
Working width of the machine	A	[mm]	1 100	1 600
Working length of the machine	B	[mm]	2 150, 3 150	
Total width of the machine	C	[mm]	1 920	2 420
Total length of the machine	D	[mm]	3 278, 4 278	
Loading width for metal sheet	E	[mm]	1 000	1 500
Loading length for metal sheet	F	[mm]	2 000, 3 000	
Maximum travel speed		[m/min]	12,7	
Maximum number of units			1 cutting unit	

The Vanad MIRON may be delivered as part of a comprehensive cutting station, including oxy-fuel technology or a plasma or laser system and consumables, with a compressor for air supply, including its treatment as well as extraction and filter system for the exhaust of smoke and fumes from thermal cutting of materials

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