

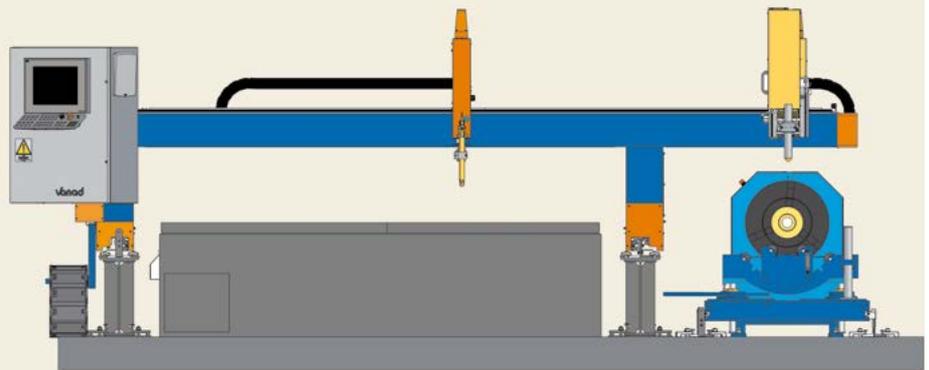
- > OXY-FUEL / PLASMA
- > HIGH PERFORMANCE
- > HIGH ACCURACY
- > EXTENSIVE ACCESSORIES
- > SUPPLEMENTARY DEVICE
RotCUT



Features

- Double-sided longitudinal travel
- Linear guides in all movement axes
- New set of adjustable large format touch screens with a technological keyboard
- Standard thickness of the cut material up to 200 mm
- High positional accuracy also during long-term operations
- Outstanding dynamic properties of the CNC machine
- Elimination of downtime during operation
- High-performance, operationally stable, user-friendly CNC system
- High lifting capacity of the gantry – option for use up to 8 cutting units

The Vanad PROXIMA presents a cutting edge high-performance CNC cutting machine designed for tough operations and demanding customers. The Vanad PROXIMA works perfectly on large metal sheets with multiple oxy-fuel torches attached, including manual or fully automatic bevelling. Installed plasma carriages are ideal for the usage of the latest and most effective plasma systems. This machine can also be equipped with other supplementary devices, including RotCUT for processing of tubes and profiles.



◀ Comprehensive cutting station PROXIMA built in 2014. CNC cutting machine is equipped with the Kjellberg HiFocus 360i plasma system, oxy-fuel technology, Tigemma filter system and Orlik compressor

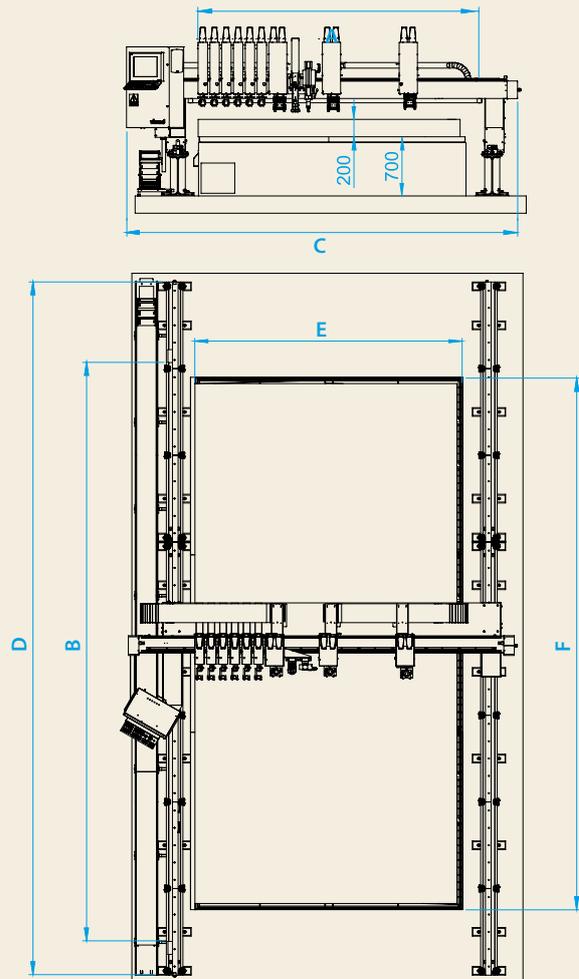
▶ High-performance double portal cutting station PROXIMA implemented in 2013 with the Kjellberg HiFocus 440i plasma system and oxy-fuel technology

Standard equipment

- Longitudinal reinforced IPE beams
- Flexible energy chains
- Electronic control of the torch height
- Transfer of cutting plans via the USB or LAN network
- Exact control of the ignition and working height of the torch
- B&R control system

Optional equipment

- Marking unit – plasma marking
- Marking unit – micro-punching
- Marking unit – drawing needle
- Drilling unit
- Unit for contact control of the plasma torch height – for cutting of thin sheets
- Oxy-fuel unit for straight bevel cuts (V, X)
- Electric flame ignition of the oxy-fuel torch
- CAD/CAM software for preparation of cutting data



Vanad PROXIMA			15	20	25	30	...	up to 60	
Working width of the machine	A	[mm]	1634	2134	2634	3134	then at 500 mm intervals	6134	
Working length of the machine	B	[mm]	(3490, 4490, 6490, 8490, 9490, 10490, 12490, 15490, max. 24490)				then at 500 mm intervals	up to 24490	
Total width of the machine	C	[mm]	2990	3490	3990	4490	then at 500 mm intervals	7490	
Total length of the machine	D	[mm]	(5044, 6044, 8044, 10044, 12044, 14044, 16044, max. 26044)				then at 500 mm intervals	up to 26044	
Loading width for metal sheet	E	[mm]	1600	2100	2600	3100	then at 500 mm intervals	up to 6100	
Loading length for metal sheet	F	[mm]	according to working length of the machine						up to 24000
Maximum travel speed		[m/min]							35,4
Maximum number of units	8 (in combinations of 1 main, 1 secondary (plasma) unit, 6 secondary (oxy-fuel) units, 2 supplementary devices, 1 rotating three-torch head, 2 manual three-torch heads)								



▶ Semi-automatic three-torch head is an optional device used for direct cutting of the material used for bevel cutting of materials. Created bevels are often used for subsequent welding

▶ The CNC thermal cutting machine PROXIMA can be fitted out with up to 8 units – for example 6 oxy-fuel and 2 plasma units for processing large metal sheets

