

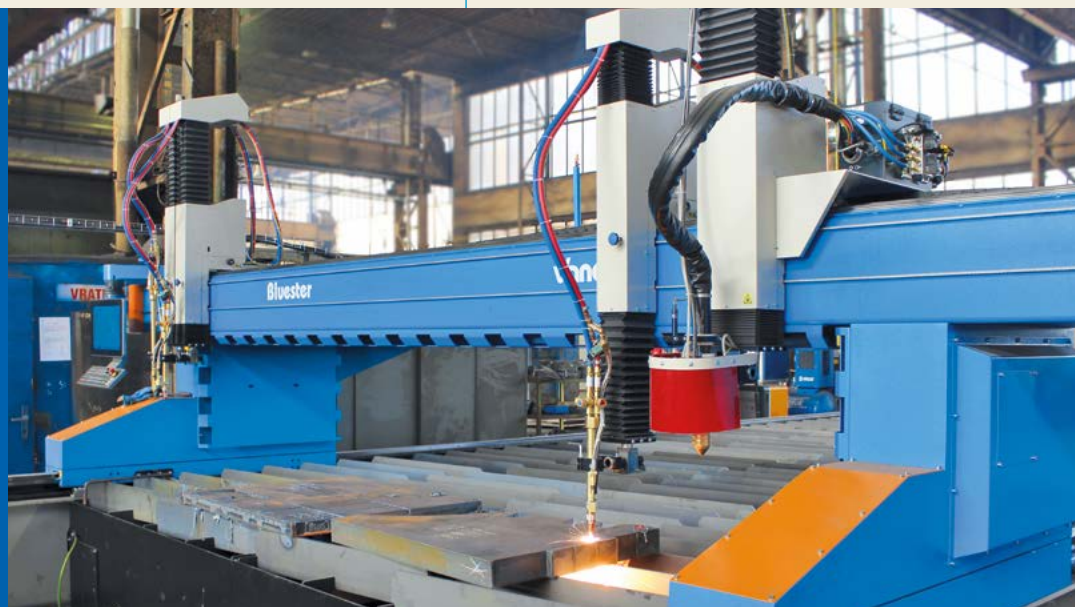
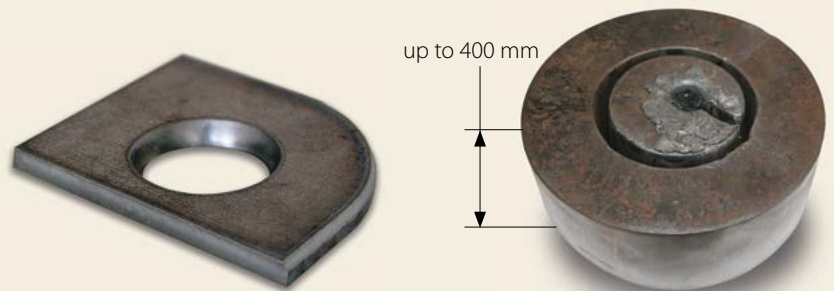
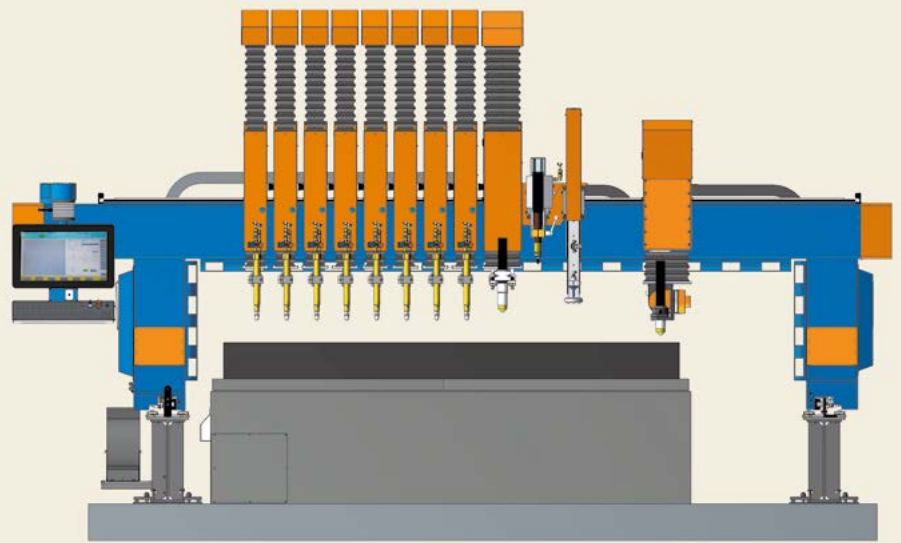
- > OXY-FUEL / PLASMA
- > HIGHEST PERFORMANCE
- > 3D PLASMA HEAD
- > HIGHEST QUALITY



Features

- Double-sided longitudinal travel
- High lifting capacity of the gantry – up to 10 units applicable
- 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 400 mm
- Precise control of the ignition and working height of the torch
- High positional accuracy also during long-term operations
- Outstanding dynamic properties of the CNC machine
- High-performance, operationally stable, user-friendly CNC system
- Elimination of downtime during operation
- Digital measurement of positions EnDat
- Automatic adjustment of the portal (if necessary)

The CNC thermal cutting machine Vanad BLUESTER presents a state-of-the-art device available on the market. It is designed for the toughest operations. This machine is used for processing of very large formats of metal sheets with oxy-fuel and plasma technology, including the automatic bevel cutting with the fully automatic 3D head. The machine may be equipped with a number of supplementary devices.



◀ Cutting station BLUESTER 45 x 120 built in 2014 with the Kjellberg HiFocus 440i plasma system and oxy-fuel technology

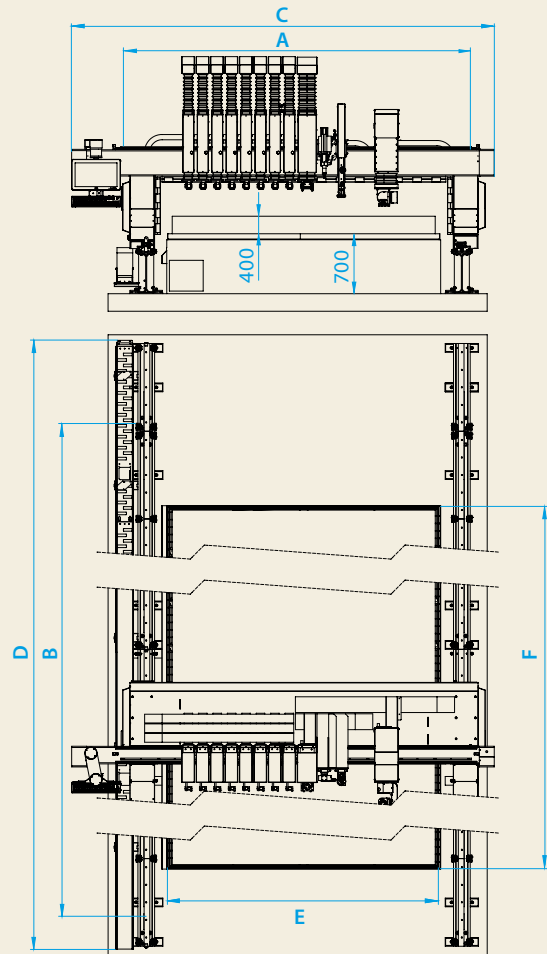
▶ The drilling unit is used for marking sites for further processing. It can be used as a supplement effectively increasing productivity or as an independent technology

Standard equipment

- Sectional chassis for automatic portal settings
- Longitudinal reinforced IPE beams of the guide rails
- Flexible energy chains
- Electric flame ignition of the oxy-fuel torch
- Transfer of cutting plans via the USB or LAN network
- Precise control of the ignition and working height of the torch
- B&R control system

Optional equipment

- Technology for robotic 3D plasma cutting
- 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 metal sheets
- Oxy-fuel unit for straight bevel cuts (V, X)
- CAD/CAM software for preparation of cutting data



Vanad BLUESTER			20	25	30	35	...	up to 80	
Working width of the machine	A	[mm]	2 134	2 634	3 134	3 634	then at 500 mm intervals	8 134	
Working length of the machine	B	[mm]	(4 035, 5 035, 7 035, 9 035, 11 035, 13 035, 15 035, max. 61 035)				then at 500 mm intervals	up to 61 035	
Total width of the machine	C	[mm]	3 950	4 450	4 950	5 450	then at 500 mm intervals	9 950	
Total length of the machine	D	[mm]	(5 044, 6 044, 8 044, 10 044, 12 044, 14 044, 16 044, max. 62 044)				then at 500 mm intervals	up to 62 044	
Loading width for metal sheet	E	[mm]	2 100	2 600	3 100	3 600	then at 500 mm intervals	up to 8 100	
Loading length for metal sheet	F	[mm]	according to working length of the machine						up to 60 000
Maximum travel speed		[m/min]							42,4
Maximum number of units	10 (in combinations of 1 main, 1 secondary (plasma) unit, 8 secondary (oxy-fuel) units, 2 supplementary devices, 2x 3D unit, 1 rotating three-torch head, 2 manual three-torch heads)								



- ◀ The 3D automatic plasma head extends the usage possibilities of the BLUESTER CNC machine
- ▶ The Vanad BLUESTER CNC cutting machine can be delivered also as part of a comprehensive cutting station with a plasma system and consumables for plasma or oxy-fuel cutting, a compressor for compressed air supply, including its treatment for cutting as well as extraction and filter system for the exhaust of smoke and fumes from the thermal cutting of materials

