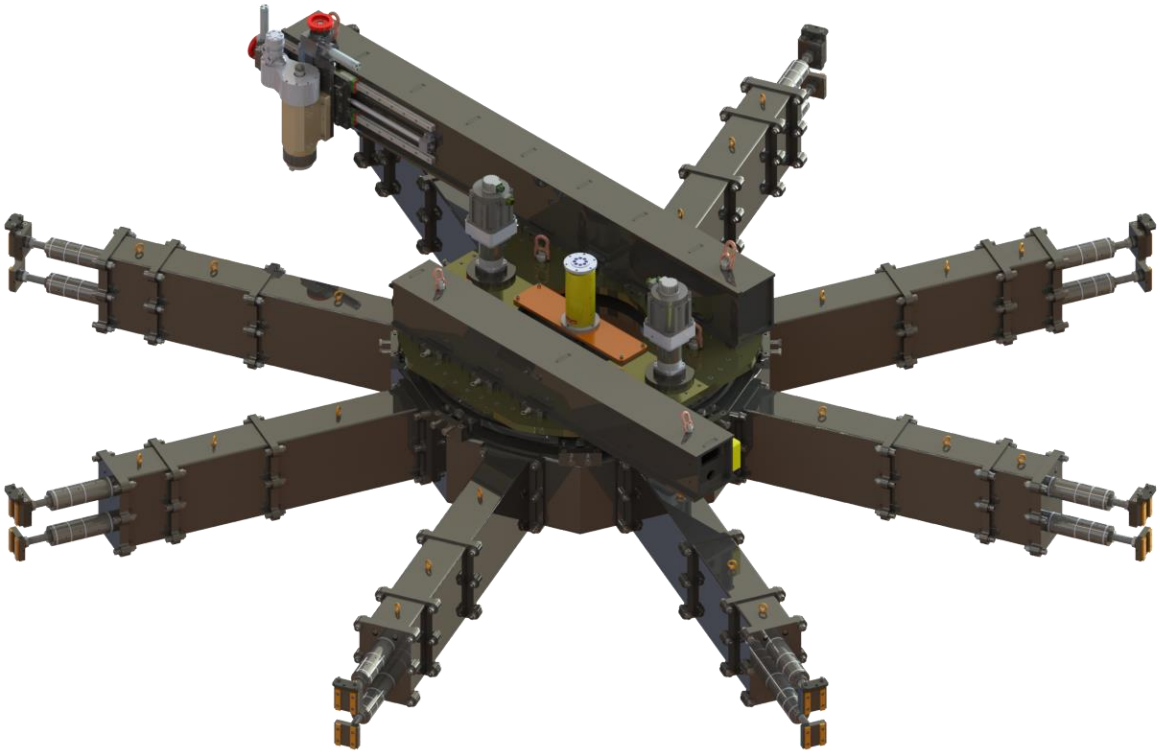
EUREKA
PORTABLE ON-SITE MACHINES

a VED brand

SF6000 Orbital Milling Portable Machine

Solutions for on-site machining

> Precise and powerful orbital machine for on-site applications. Designed and built for on- site milling of large flanges in steel mills and hydroelectric power plants.



- ✓ High precision crossed roller bearing
- ✓ Twin hydraulic drive
- ✓ ISO 50 Spindle
- ✓ Robust welded carbon steel structure
- ✓ Excellent rigidity

This information is based on data believed to be reliable but VED makes no warranties, express or implied, as to its accuracy and assumes no liability arising out of its use. The data listed fall within the normal range of product properties but should not be used to establish specification limits or used alone as the basis of design.

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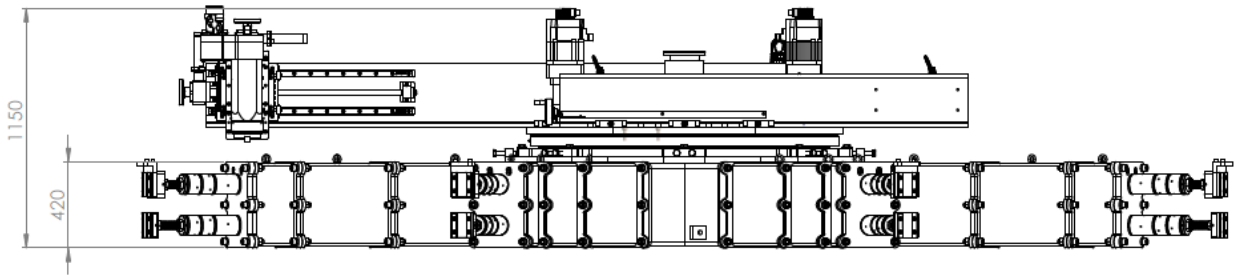
Range		
Min. / Max facing diameter	2000 mm (80")	6000 mm (240")
Min. / Max clamping diameter	2000 mm (80")	5800 mm (228")
Min. / Max Rotary table rotation RPM (milling)	0	1.5
Flatness Tolerance	0.05mm/1m	1/508”
Rotational Drive - twin servomotor power	5 kW	6.7 Hp
Milling spindle – hydraulic motor power	10 kW	13.4 Hp
RPM	Min: 0	Max: 650
Milling Spindle axial stroke	200 mm	8"
Milling Spindle radial stroke	600 mm	24”
Weights and Dimensions		
Machine weight	4800 kg	10582 lbs
Machine dimensions	Ø6000x1143 mm	Ø236x 45”
Hydraulic Power Supply & Motion Control Cabinet weight	600 kg	1322 lbs
Hydraulic Power Supply & Motion Control Cabinet dimensions	900x1800x1800 mm	35,4x70,9x70,9 in
Shipping weight	9000 kg	19842 lbs
Shipping dimensions	20' container	20' container
Power		
Europe	380 Volt, 3 phase, 50-60 Hz	
USA	480/400 Volt, 3 phase, 50-60 Hz	



The machine is supplied complete with toolkit, CE certificate, Packing List, Manual, 20' shipping container.

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www.onsite-
www.ved.it

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