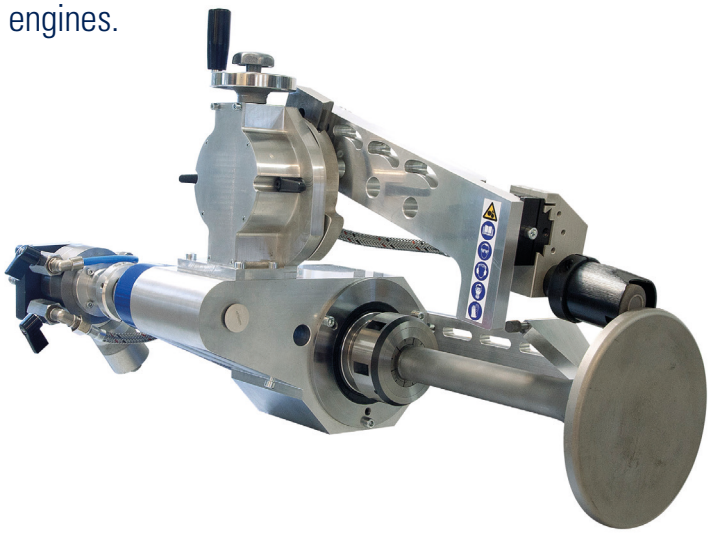
Grinding & Machining

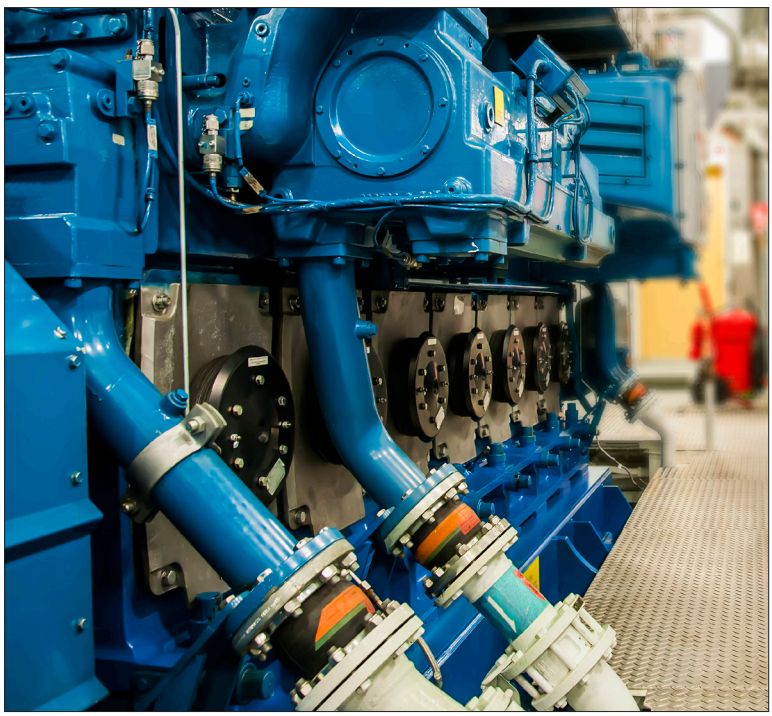
Portable Valve Spindle Grinding Machine

CHRIS-MARINE®

PVG

PVG is a portable machine for grinding of valve spindles on 4-stroke medium and high speed engines.





Key benefits

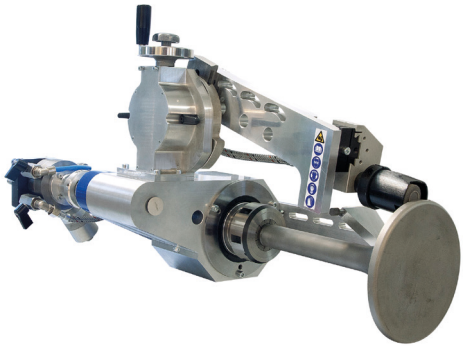
- Operating range 10-40 stem diameter
- For all 4-stroke medium and high speed engines
- Portable and easy to handle
- For on-site machining of all types of cylinder valve spindles
- Designed to be mounted either horizontally or vertically for optimal performance
- Vice-mounted
- Pneumatically driven

Sustainable engine operation

PVG is a pneumatically driven grinding machine for grinding of valve spindles on 4-stroke medium and high speed diesel engines. Regular valve spindle grinding improves the performance of vessels, minimizes engine downtime, saves fuel and lowers emissions. It also means significant cost-savings as the need to invest in new engine parts will be minimized.

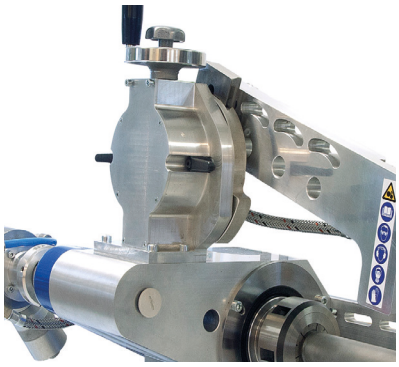
Easy to mount

The PVG is designed to be mounted either horizontally or vertically, in a vice for example.



Preset angles

The machine is delivered with fixed angles according to customer specification.



Portable in 2 cases

With just 2 cases the PVG can be transported to the site of the job. Neither bag weighs more than 30 kg.

Low weight unit

The base unit only weighs around 30 kg and is equipped with rotation and feeding gear ready to be mounted.

Technical specifications	
• Machine capacity	Stem diameter up to 40 mm Valve disc diameter up to 190 mm
• Air pressure	0.6-0.8 MPa (6-8 bar or 85-130 psi)
• Air consumption	700 l/min
• Air hose connection	12.5 mm (1/2")
• Noise level	87 dB(A)
• Grinding speed	2 mm/min (along the valve face)
• Weight	Basic machine with case: 28 kg Accessories with case: 15-25 kg
• Max dimensions	Cases (mm): 415 x 400 x 250

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