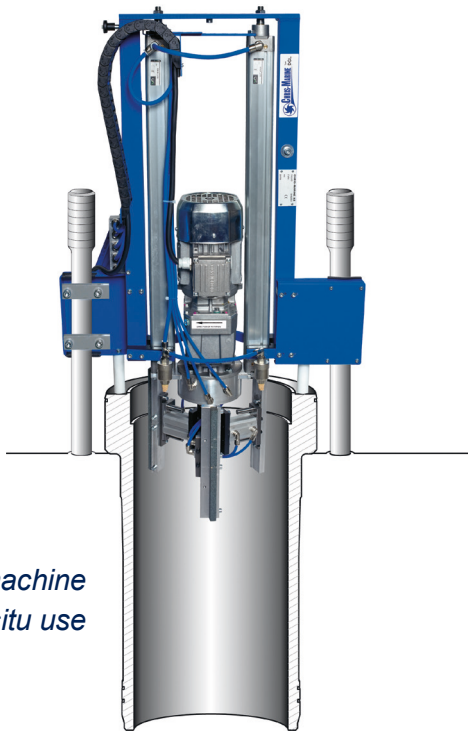
Grinding & Machining

Deglazing Machine

CHRIS-MARINE®

DGL

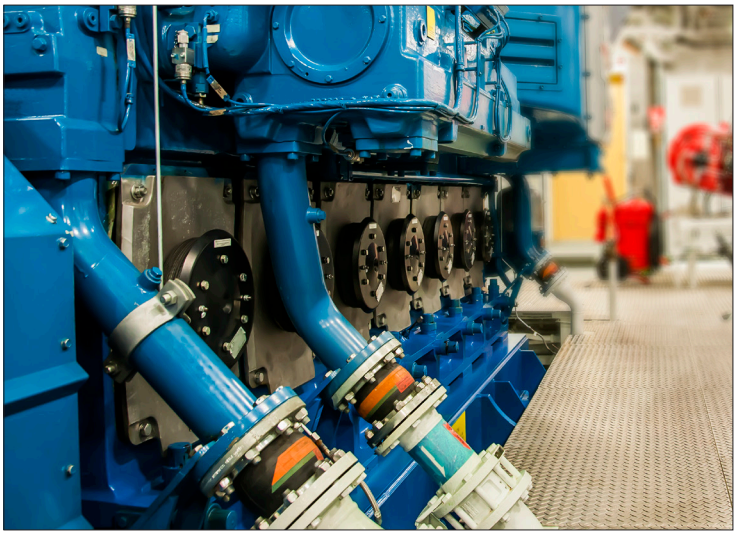
DGL is a portable machine designed for in-situ precision deglazing of 4-stroke cylinder liners.



Portable deglazing machine for in-situ use







Key benefits

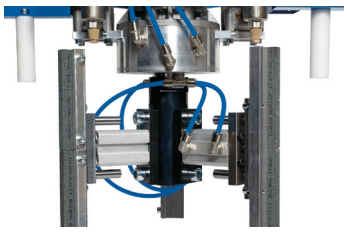
- Light duty, single engine machine: Range: 320 - 500 mm
- 3 x 2 stones
- Electric motor
- Pneumatic cylinders
- Self-centering on the cylinder liner
- In-situ use only
- Quick set-up time
- Easy to operate
- Standard tool for Wärtsilä >=320 mm bore

Sustainable engine operation

Regular cylinder liner deglazing is very important. Reconditioning of the liner means reducing downtime and emissions while saving resources. Deglazing prolongs the lifetime of cylinder liners and is a much more environmentally friendly alternative than replacing liners. It is also more cost-efficient.

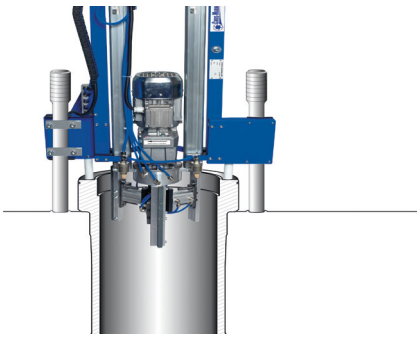
Air operated stone pressure actuator

Three-armed head with air cylinders for correct and adjustable stone pressure. Interchangable stone holders.



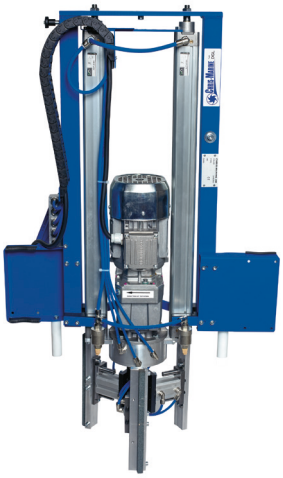
Set-up time within minutes

Easily mounted on stud bolts and self centering on the liner.



Electrical drive motor for head

Electrical drive motor as standard. Vertical movement by air cylinders.



Easy to operate

Hoisting speed and stone pressure controlled from operator position.



Technical specifications				
• Electric power supply		3 x 380 - 420 V 50/60 Hz		
• Power requirement		0.6 kW		
• Air pressure		0.6-0.9 MPa (6-9 bar or 85-130 psi)		
• Air consumption		100 l/min		
• Air hose connection		9.3 mm (3/8")		
Cyliner liner diameter(mm)		320-340	380-400	460-500
• Speed rpm (50 Hz)		34	34	34
• H (mm)	Min	910	1180	1380
	Max	1510	1930	2330
• Weight (kg)		50	53	56
Optional equipment				
• Liquid collector system				
• Liquid circulation equipment				

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