

LCD

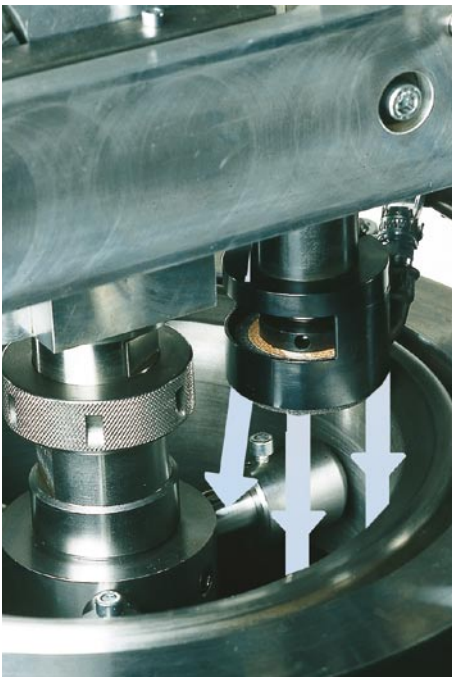
VALVE SEAT GRINDING MACHINE

For in-situ grinding of valve seats on large bore 2-stroke diesel engines.

- Range of operation: 230 - 600 mm seat diameters
- Self-centering
- Aircooled grinding
- Air driven

LCD VALVE SEAT GRINDING MACHINE

• MACHINE CAPACITY	Ø230 - Ø600 mm ON VALVE SEAT
• AIR PRESSURE	0.6 - 0.9 MPa (6 - 9 bar OR 85 - 130 psi)
• AIR CONSUMPTION	1700 l/min
• NOISE LEVEL	88 dB(A) / 86 dB(C)
• AIR HOSE CONNECTION	16 mm (5/8")
• GRINDING WHEEL SPEED	8000 rpm
• NORMAL GRINDING TIME	10 - 20 min PER SEAT
• WEIGHT	BASIC MACHINE 70 kgs SPINDLE WITH STABILIZER 25 - 60 kgs
• MAX DIMENSIONS	H: MACHINE 5020 mm, H: SPINDLE 900 - 1400 mm, W: 860 x 312 mm



Three advantages of aircooled grinding

1. **Cooling** of the valve seat during grinding operation.
2. **Lubrication** oil particles from the oil mist lubricator are mixed with the cooled air improving surface finish.
3. **Dust free environment**
Environment is kept clean as grinding dust is blown into the exhaust channel and away from the operator.



On board work made easier

The LCD valve seat grinding machine is accurately self-centered by precision made pilot spindle. The grinding can be further simplified by use of the Chris-Marine® Working rig.

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