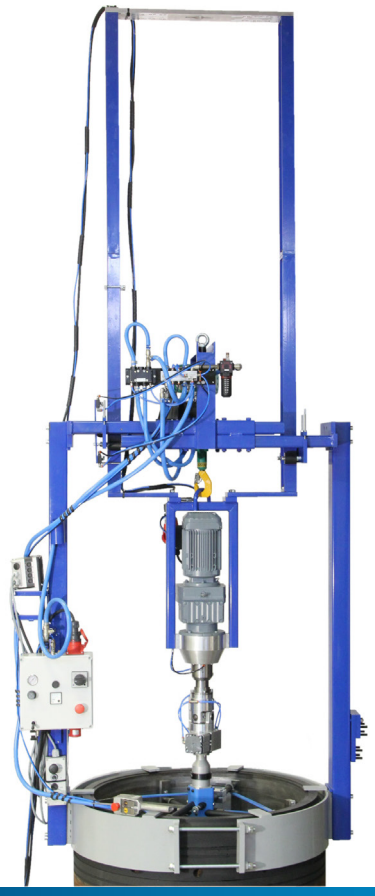
Grinding & Machining for cylinder liners

Honing Machine

CHRIS-MARINE®
HON X2

Portable machine complete with pneumatic hoist for on-site use, for large 4-stroke and 2-stroke diesel engines.



Product features

- For liners 500 - 1000 mm bore
- Honing rectifies the shape of the liner, removes scuffing and restores surface cross pattern
- Easy to operate directly on the engine or in honing rig
- Can be used directly on liners outside engine with optional holding equipment
- Honing head with detachable stone holders
- System for continuous supply of honing liquid

High honing capacity:

- Powerful electric driving unit
- Powerful pneumatic hoist
- Pneumatically adjustable stone pressure

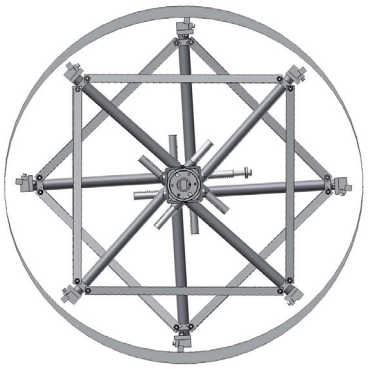
NEW!

- Pre-assembled rig:
  - minimizes setup time
  - makes setup even safer
- One rig fits all bore sizes
- Automatic stroke control included as standard

CHRIS-MARINE®

HON X2





Efficient removal of material

(High pressure between stone and liner).
8-armed honing head.
Use of diamond and ceramic stones.
Powerful electric driving unit.
System for continuous supply of honing liquid.
Interchangeable stone holders.
Vibration dampers.

8-armed honing head type P2

The eight honing arms are connected to the central shaft. If liner is oval, the smallest diameter will be honed up to the largest diameter, restoring circular shape. By using 4-stone holders, honing across scavenging ports can also be done.

Technical specifications

General information		
	• Total weight	Approx. 550 kg
	• Air pressure	6-9 bar
	• Air consumption for air driven hoist	1700 l/min
	• Honing capacity	0,29 dm³/h
	• Honing liquid	Soap water solution alt. kerosene, degreaser or light diesel oil
	• Working range	500-1000 mm cylinder diameter
Driving unit		
	• Electric power supply	3-phase 380 - 415 V 50 Hz, 2 kW 3-phase 415 - 460 V 60 Hz, 2 kW
Hoist, air driven		**Type 500 kg**
	• Hoisting capacity	500 kg
	• Stroke	4.0 m
	• Noise level	83 dB(A)
	• Air hose connection	13 mm (1/2")
	• Weight	21 kg
Honing head	Working range	**Type P2, 8-arms**
	• 450-610 mm	P2 45/61
	• 580-740 mm	P2 58/74
	• 700-850 mm	P2 70/85
	• 840-1000 mm	P2 84/100

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