

# CHRIS-MARINE

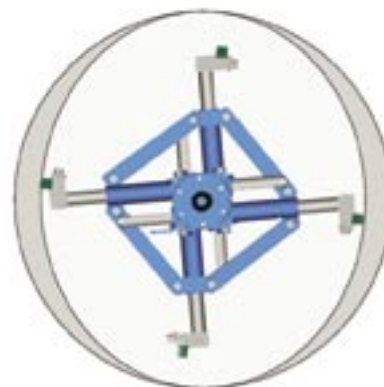
## DEGLAZING AND HONING MACHINE type S



- Variable speed settings on driving unit...
- Speed control on vertical movement...
- Improved driving shaft system...

## HONING MACHINE TYPE S

- Standard operating range from liner bore 170 to 1050 mm
- Extra 8-arm honing heads available for special applications.
- Oval or otherwise badly worn liner guaranteed to be honed back into circular shape.
- Designed for in situ use right on the engine or in a separate floor mounted honing rig as our type HR.



### Removes ovality

The four honing arms are connected to the central shaft. In an oval liner the small diameter will be honed up to the large diameter, restoring circular shape.



### Adjustable stone pressure

Reliable mechanical stone pressure regulator device provides for best honing efficiency with various types of honing stones.

### Why deglaze and hone?

- **Increase service-life of liners, rings and pistons**  
Regular deglazing of the liners is of major importance for increasing service-life of liners, rings and pistons.
- **Reduce risk of blow-by and seizure**  
Oval wear in cylinder liners can be rectified and prevented by regular honing. The honing also produces an adequate running surface thereby reducing "wearing-in" time of new piston rings.
- **Reduce lub-oil consumption**  
Restoring good liner characteristics makes it possible to control lub-oil consumption and save substantial costs. Lubricators on 2-stroke engines can be kept at original settings and the oil consumption in 4-stroke engines gets markedly reduced.



### Easy to use

The honing head is fitted with interchangeable stone holders for better efficiency.

*For removal of piston ring wear edges in cylinder liners please also refer to our Wear Edge Milling Machine type VKS*

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