

Hunger RCM

Refacing Machine

for cylinder liner and head landing surfaces
from 200 to 720mm diameter



The RCM is designed to resurface

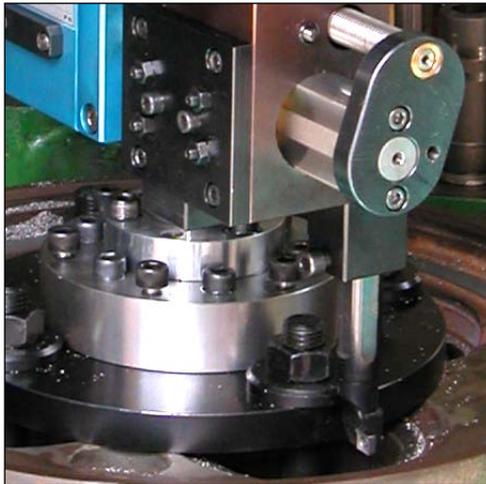
the cylinder liner landing surface on the engine block,

the cylinder liner landing surface on the cylinder head

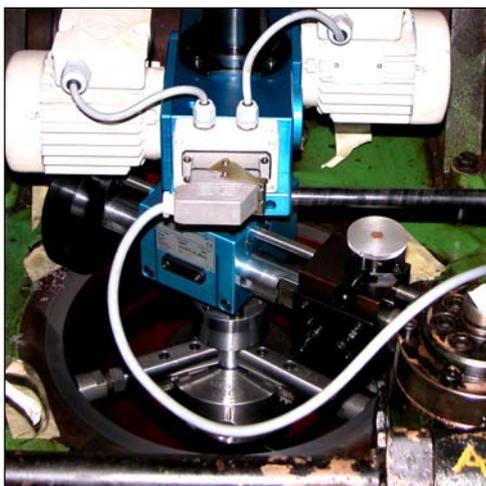
the cylinder head landing surface on the cylinder liner.

Hunger RCM

Refacing Machine



Refacing cylinder head



Refacing engine block



Mounting pilot in cylinder bore

Working Principle:

The RCM resurfaces the landing surface in a lathe-type facing action, i.e. the seating is refaced to the preset depth by the simultaneous application of both a rotary and a transverse feed motion to the single point carbide cutting tool.

While the cutting tool rotates around the surface, a feed gear mechanism ensures a continuous outward transverse feed motion.

The lathe-type refacing action provides a flawless concentric surface texture for a perfect seal.

Features:

The RCM is fitted with two motors providing a smooth cutting action.

The speed of the motors is infinitely variable so that the cutting speed can be adapted to the diameter and material of the seating.

A separate power supply unit is provided for ease of operation.

A small hand-held remote control is supplied so that the operator can conveniently switch on and off the machine while watching the refacing operation.

The remote control includes an emergency stop to stop the machine in case of emergency.

The power supply unit is connected to single phase input voltage and supplies the three phase operating voltage for the drive motors.

The RCM is centered by a pilot tailored to the specific engine component to be serviced.

The cutting tool comprises an insert holder fitted with an indexable carbide cutting insert.

Specifications:

Capacity:

Facing diam. 200 - 720mm
Max. facing travel 50 mm

Feed motions

Speed range 25 - 120 rpm
Feed rate 0,1 mm/rev.

Power requirement:

Supply voltage: 230V±10%
(1ph.50/60Hz)
Power input 1,4kw

Dimensions & Weight:

Width/Height 500/600 mm
Net weight approx. 50 kg

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