



# Hunger RCM

## Refacing Machine

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



**The RCM is designed to resurface**

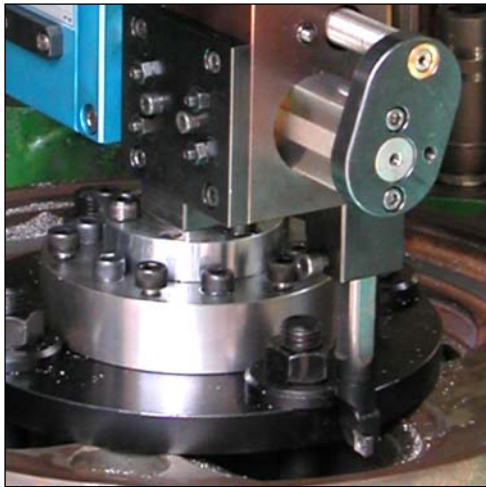
**the cylinder liner landing surface on the engine block,**

**the cylinder liner landing surface on the cylinder head**

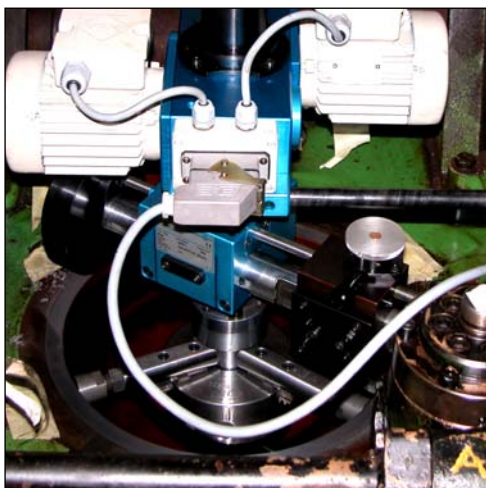
**the cylinder head landing surface on the cylinder liner.**

# 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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