



Hunger ADM4E

Counterboring Machine for oversize seat ring installation



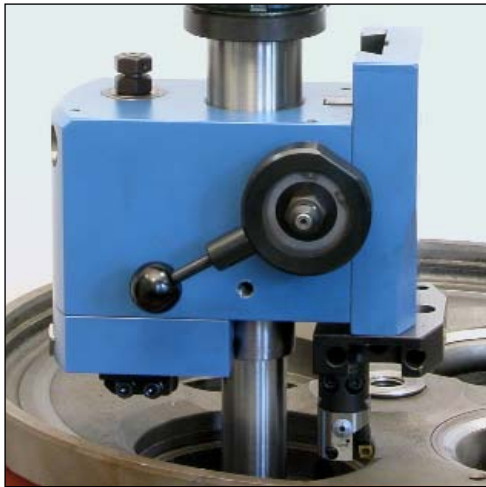
If you are looking for the ultimate combination of
COUNTERBORING and SEAT REACING

this is simply your machine.

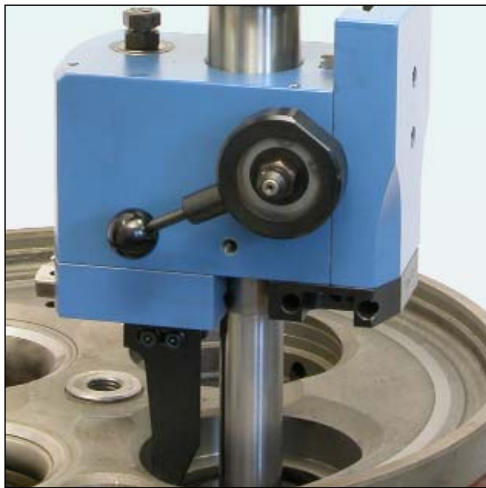
Tested and approved by the leading engine manufacturers.

Hunger ADM4E

Counterboring Machine



Counterboring



Refacing bottom



Valve seat refacing

Working Principle:

The counterbore is machined to the preset depth by the simultaneous application of both a rotary and vertical or horizontal feed motion to the carbide cutting insert.

While the cutting insert rotates in a circle around the counterbore, a feed gear mechanism ensures a continuous feed motion.

The lathe-type refacing action provides smooth and closely fitting contact surfaces for oversize valve seat rings.

Features:

The motor drive unit is also part of the VD 4E valve seat refacing machine and, therefore, is only required, if no VD 4E is at hand.

The operating voltage supplied to the motor drive unit is of the low voltage type to eliminate electric hazards.

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

Two types of exchangeable boring heads are available.

The standard boring head is provided with a vertical slide for counterboring. The optional boring and facing head is provided with a vertical and a horizontal slide for counterboring and facing.

The precision boring tools are equipped with a micrometer dial for adjusting the cutting diameter of the cutting insert to ensure high precision machining to IT6 tolerances.

Form boring tools are available for machining shoulders within the counterbores under special angles to facilitate O-ring installation.

The boring head can be replaced by a seat refacing gear head to convert the ADM 4E to an VD 4E valve seat refacing machine.

Specifications:

Capacity:

Max boring diam. 250mm

Min boring diam. 72mm

Feed motions

Speed range 120 - 250rpm

Feed rate 0,05mm/rev

Dimensions:

Length 410mm

Width 145mm

Height 400mm

Electrical system:

Operating voltage max. 50 VDC

Supply voltage: 230V±10%

(1ph.50/60Hz) or 120V±10%

or 277V±10%

Power input 0,6kW

Weight:

Net weight approx. 17 kg

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