



Hunger VKM1A

Valve Grinding Machine

for valve with stem diam. from 3 to 16mm



Workhead:

Located on a swivel plate which can be set to the required angular position by means of a wide-spaced scale. Single precision chuck for perfect valve alignment. No collets!

Dressing Attachment:

The dressing attachment is permanently mounted on the worktable for rapid wheel dressing.

Wet Grinding:

Coolant is delivered by an industrial type flood pump. The baffled coolant tank is easily removed from the machine base for cleaning.

Electric System:

Individual grinding spindle motor, work spindle motor and coolant pump motor all controlled by switches grouped in front of the wheelhead for ease of operation.

Specifications:

Capacity:

Valve stem diam. 3 - 16mm
Max. valve head diam. 100mm
Valve seat angle 19° - 47°

Grinding spindle:

Wheel diam. 175mm
Speed 2790min⁻¹

Work spindle:

Speed 120min⁻¹

Wet grinding:

Coolant capacity 5l

Electrical system:

Supply voltage 400V±10%
(3~, 50/60Hz) or 230V±10%
Power input 0,5kW

Dimensions & Weight:

L/W/H 650/550/420mm
Net weight, approx. 100kg

Features:

Machine Base:

Heavily ribbed cast iron structure for vibration-free performance.

Adjustable slideways for wheelhead infeed and workhead traverse.

Wheelhead:

Box type monobloc noted for its excellent vibration dampening characteristics. The precision motor grinding spindle is permanently sealed and lubricated.

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