



## Hunger VKM 1M

### Valve Grinding Machine

for valves with stem diam. from 4 to 20 mm



#### Wheelhead

Box type monobloc noted for its excellent vibration dampening characteristics.

The precision motor grinding spindle is permanently sealed and lubricated.

#### Workhead

Located on a swivel plate which can be set to the required angular position by means of a wide-spaced scale.

#### Dressing Attachment

The dressing attachment is permanently mounted on the work head traversing slide 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.

Equipment specifications subject to change without notice.

#### Specifications

##### Capacity

Valve stem diam.	4 - 20 mm
Max. valve head diam.	110 mm
Valve seat angle	19° - 47°

##### Grinding spindle

Wheel diam.	175 mm
Speed	2790 rpm

##### Work spindle

Speed	105 rpm
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##### Wet grinding

Coolant capacity	5 litres
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##### Electrical system

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

##### Dimensions & Weight

L/W/H	620/610/450 mm
Net weight, approx.	105 kg

#### Features

##### Machine Base

Heavily ribbed cast iron structure for vibration-free performance.

Adjustable slideways for wheelhead infeed and workhead traverse ensure long-lasting accuracy.

The machine base houses an industrial type flood pump for delivering coolant to the grinding site and a baffled coolant tank which can be drawn out for ease of cleaning.

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