



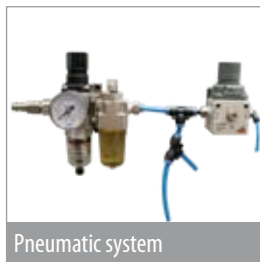
VV80 - VALVE SEAT REFACING MACHINE





STANDARD EQUIPMENT

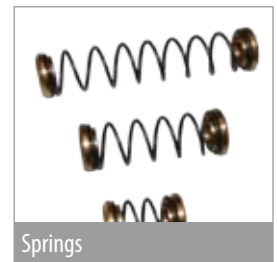
- Pneumatic system for airflot boring head
- Hydraulic system for head clamping
- Low voltage electric control 24V
- Electric system monophasé
- 3 springs with bounce
- Taper Adaptor ISO for toolholder head
- Universal rollover fixture complete with clamping devices
- Head alignment rod
- Service tools
- Operating manual



Pneumatic system



Hydraulic system



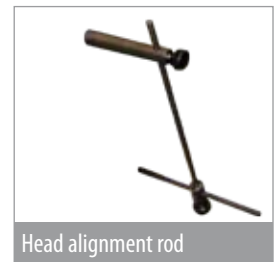
Springs



Taper adaptor ISO



Rollover fixture



Head alignment rod

RECOMMENDED EQUIPMENT

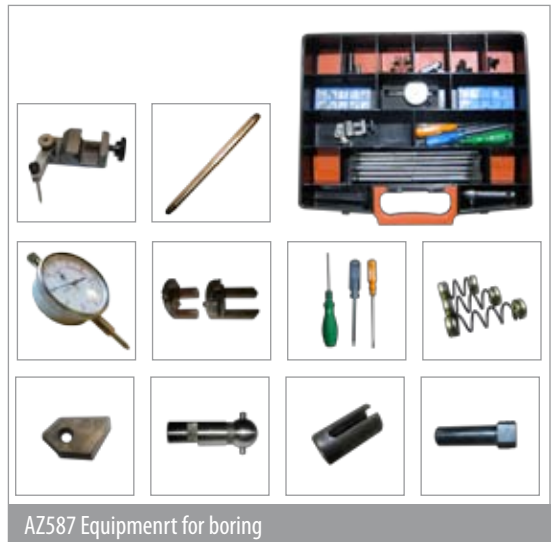
- AZ840 Head holder frame kit
- AZ587 Equipment for boring from 16 to 68 mm system Z SRD
 - 1 ball head (AZ585.01)
 - 3 tip holders
 - 14 cutting tips
 - 17 solid taper pilots 8 mm
 - 3 springs
- AZ736 Micrometric tool setting device type Z SRD



Head holder



Micrometric tool setting



AZ587 Equipment for boring

VV // Valve Seat Refacing machine



OPTIONAL EQUIPMENT

AZ588 Equipment for boring from 68 to 80 mm. system ZSRD (utilizable only with AZ 587):

2 tip holders / 12 solid taper pilots 11 mm / 3 springs / 1 pilot remover

AZ592 Equipment for boring from 80 to 90 mm. system ZSRD (utilizable only with AZ 587): No. 1 Ball head for pilots

11 mm. dia. / No. 2 Tip holders for tips

AZ810 Vacuumeter test instrument

AZ825 Adaptor for alignment of engine heads with canted valves for pilots 8 mm diameter

AZ826 Adaptor for alignment of engine heads with canted valves for pilots 11 mm. dia.

AZ827 Drill chuck with taper adaptor

AZ828 Taper adaptor ISO30 CM3

AZ830 Grinder for tools complete with sharpening support

AZ841 Head tilt adjustment system VV80

AZ951 Set of shaped tools (15°, 25°, 60°, 75°, 4,2x45°, 3x45°) (utilizable only with AZ 581)

AZ809 Electronic level



VV80 - VALVE SEAT REFACING MACHINE

AZ spa | MACHINE TOOLS

WORKING CAPACITY

Cylinder head max length	1200 mm
Valve seat min boring dia.	16 mm
Valve seat max boring dia.	90 mm

GEOMETRIC FEATURE

Counterboring of valve seat ring min dia.	25 mm
Counterboring of valve seat ring max dia.	100 mm
Spindle max stroke	200 mm
Boring head inclination degree	15°

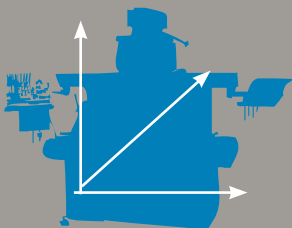
SPEED

Spindle rotation speed	0-800 RPM
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MOTOR RATINGS

Main motor power with inverter	1.5 kw
Hydraulic plant motor power	0,3 kw

SPECIFICATIONS >>>



Dimensions without packing	1650X880X1820 mm
Dimensions with packing	1820x1200x2400 mm
Weight	720 kg
Weight with packing	1100 kg

DIMENSIONS AND WEIGHTS >>>



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Subject to change, as of OCTOBER 2011