



RV516

Valve grinding machine

The RV516 is among the fastest and most accurate valve grinding machines now available on the market, thanks to its technical solutions. The centerless grinding system - that makes the valve rotate on its stem - ensures the perfect concentricity between the head and the stem (within 0.01 mm) and can operate a wide range of valve stem diameters (from 4 up to 16 mm) without the need for replacing any collet or spindle.

The valve drive system is performed by three motorized rollers. The top roller is tilted to automatically drive the valve on an adjustable control switch. This guarantees to accurately control each valve's length and to avoid to manually feed the valve towards the grinding wheel.

Images may show the product equipped with optional accessories



Standard equipment

Movable head (for valves of up to 260 mm long)
Abrasive grinding wheel
Wheel dresser
Wheel dressing diamond
Cooling system complete with pump and settling tank
Emulsifiable liquid (1 lt.)
Wrench set
Instruction manual

Specifications

Valve stem diameter: 4÷16 mm
Valve stem length: 55÷330 mm
Valve head diameter: 114 mm
Face angles: 0°÷60°
Grinding wheel speed: 2800 rpm
Main abrasive grinding wheel diameter: 215 mm
Butt abrasive grinding wheel diameter (ASM516): 100 mm
Dimensions (LxWxH): 700x600x700 mm
Weight: 142 Kg

Accessories



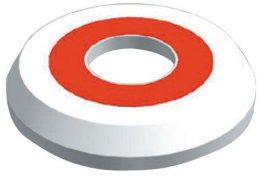
RV0100
Base cabinet



RV0090
Rocker arm radius grinding attachment



RV0193
Centering chuck for dia. 3-4-5 mm valve stems



RV0099

215x35x76 mm Grinding wheel



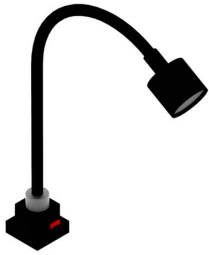
RV0094

Dia. 100 mm secondary grinding wheel



RV0098

Wheel dressing diamond



LP2516

Adjustable halogen work light