



# 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



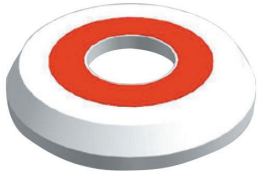
RV0100  
Base cabinet



RV0090  
Rocker arm radius grinding attachment



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



RV0099

215x35x76 mm Grinding wheel



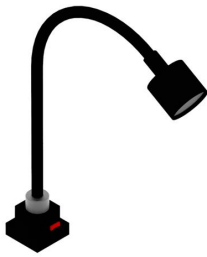
RV0094

Dia. 100 mm secondary grinding wheel



RV0098

Wheel dressing diamond



LP2516

Adjustable halogen work light