



**THE NEW GENERATION:
NO PLIERS, NO CHUCK**

**GUARANTEED
CONCENTRICITY!**



HIGH PRECISION CENTERLESS VALVE REFACING MACHINE
RECTIFIEUSE SANS CENTRES DE SOUPAPES DE HAUTE PRÉCISION
RECTIFICADORA SIN CENTROS DE VÁLVULAS
RETTIFICATRICE SENZA CENTRI PER VALVOLE
CENTERLESS - VENTILSCHLEIFMASCHINE

HIGH PRECISION CENTERLESS VALVE REFAKER

The RV 3000 valve refacer marks a new phase in valve refacing. Its double-V operation, instead of the traditional use of pliers or chucks, brings to very accurate results and is extremely easy. The peculiar valve locking system can be applied on a wide range of engines.

- Motor-driven grinding wheel
- Low tension driving control
- Incorporated coolant pump
- Electric power / Voltage : 230/400V 50/60Hz 3Ph
- Machine version available with single-phase motors
- Other voltages on request



Detailed view of valve head refacing



Valve end refacing by means of the universal support on issue: this means a perfect equalization of the engine valve height.

STANDARD EQUIPMENT

- Grinding wheel
- Diamond support for dressing and valve base refacing
- Wheel dressing diamond
- Incorporated coolant pump
- Allen wrench 2,5/3/4/5/6
- Open end wrench 8
- Valve stop
- Adjustable lamp
- Low voltage electric panel controls
- Instruction manual
- Painted with standard grey colours RAL 7035 and RAL 7015
- Extra charge for other colours available upon request.

OPTIONAL EQUIPMENT

- Adapter for valve steam lower than Ø 4 mm and lower than 70 mm length
- Pair of valve supports for valve steams over Ø 16 mm
- Single Phase Power (on request)

SPECIFICATIONS

Valve stem diameter	4mm (5/32") ÷ 16mm (10/16")
Grinding angle	15° ÷ 60°
Maximum head diameter	100mm
Maximum valve length	400 ÷ 450mm
Valve length at 30° and 45°	75mm min
Head diameter 30°	22mm min
Head diameter 45°	18mm min
Grinding wheel size	Ø175x30mm (7"x1.29"/ 64")

Rotation speeds

Grinding wheel speed	2800 rpm
Valve dragging wheel speed	14 rpm

Motor power ratings

Grinding wheel motor power	0,37kW - 0,5Hp
Valve rotation motor power	0,08kW - 0,5Hp
Voltage – Hz – phases	230/400V 50/60Hz 3Ph
Packing dimensions:	800 x 600 x 600 mm 31"1/2 x 23"3/5 x 23"3/5
Weight	109 Kg (240 Lbs)

Specifications, Standard & Optional Equipment Are Subject To Change Without Notice
Voltage / frequency / phase must be advised at the time the order is placed

CARMEC d.o.o.
Miren 227A
5291 Miren
SLOVENIA



www.carmec.si

t +386 5 305 44 68
m + 386 41 636 651
f +386 5 395 40 78
info@carmec.si

AUTOMOTIVE MACHINE TOOLS