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Very accurate machine to ream the guides and machine the valve seats. Triple air-float patented centering system and very powerful spindle with built-in motor.

Versatile machine especially dedicated to the machining of heavy duty cylinder head. Larger machine frame to machine big heads such as natural gas heads, marine workboat engines or common rail casting head. Triple air float system sensitivity allowing more accurate and concentric machining.



Fully pneumatic and electric machine.

> Fitted with the new decreases the cutting

Machining capacity from 16mm to 120mm / 0.6" to 4.72".

Patented lightweight workhead: built-in spindle motor and triple air-float centering system. Minimal workhead inertia and maximum floatation for unmatched centering sensitivity.

Mechanical clamping of the work head on the machine bed with pneumatic clamping jack and vacuum system.

Sturdy 116mm-4.5" spindle diameter with 340 mm stroke.

Fully integrated spindle motor with variable spindle speed. Extremely wide torque ratings.

Digital spindle speed rotation and depth read out.

LED lightning

Modern modular machine bed made of iron cast, designed for improved rigidity. **Computer enhanced** static and dynamic characteristics provide the latest in machining technology.

SERDI tooling that force by 30%, this machine will cut the hardest seats.

Patent U.S.A. N° 5,769,576 European Patent N° 0833711 mmm, FFF Pherm

TECHNICAL FEATURES Space requirements Length mm / inch 2400/95 Width 1150/45.3 mm / inch Height mm / inch 2460/997 Max cylinder head dimensions Length - 160 mm table stroke mm / inch unlimited - 300 mm table stroke mm / inch 900/35.4 Width - 160 mm table stroke mm / inch 500/19.7 - 300 mm table stroke mm / inch unlimited Height mm / inch 730/28.7 Table travel short stroke mm/inch 160/6.7 mm/inch 300 /11.8 long stroke Machining capacity Ø min - max mm 16 to 120 inch 0.6 to 4.73 Workhead travel Lengthwise mm / inch 1440/56.7 Crosswise mm / inch 40/1.6 Sphere-cylinder travel mm / inch 14/0.5 Spindle Max. spindle inclination degrees 5 Spindle travel standard mm / inch 340/13.4 Spindle motorization power KW / HP 3 / 4.08 Spindle rotation speed **RPM** 40 to 840 Connections 4kVA-230V-AC-1Ph-50/60 Hz Power supply Pneumatic supply 6/87 bar / psi Max. air flow I/mn -CFM 400/15 Noise level at 300 RPM Dba 72

BASIC EQUIPMENT

Clamping system kit 020641	
011915	Universal quick clamp x 2
010416	Short claming bar x 2
010426	Long clamping bar x 2
010432	End clamping plate x 2
011425	Clamping block x 2
013958	Tilting fixture
014039	U parallel x 2
010434	2 Parallels 30x50x242 mm (1.18x1.97x9.53in)
017577	2 High parallels 20x38x300mm (0.787x1.5x11.8in)
009796	Set of 6 long pins
017576	Set of 6 short pins



Optional accessories

033828 Carbide bit sharpener



405580 Setting device SERDI 4200



024298 Bubble level





Noise level at 800 RPM

Net weight approx.



Dba

kg / lbs





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Your distributor:

Our machines are designed and made in France

Our tooling is made in France and in the USA

