

SERDI 1.1 Large

Economical - Efficient

The SERDI 1.1 Large, **state of the art** SERDI design technology at **affordable** value pricing. Machine especially designed for the repair of small engines and multi-valve automotive engines. It is a simplified version of the S3.0 small.

Ideally suited to the **entire range of valve seat** machining operations for multi-valve passenger car engines and other **small engine designs**. Achieves excellent levels of concentricity even in guide sizes as small as 0.120"/3mm.



- Fitted with the new SERDI tooling that decreases the cutting force by 30%, this machine will cut the hardest seats.
- Machine bed structure optimized by static and dynamic calculation, with a modern, modular and functional design.
- Pneumatic clamping of table bars.
- Fully integrated spindle motor: infinitely variable spindle speed, 60 to 120 r.p.m., with sensorless Vector Flux Control in open loop (Extremely broad torque ratings from lowest r.p.m.). Digital spindle rotation read out.
- Reverse spindle directions.
- Patented lightweight workhead: built-in spindle motor and triple air-float automatic centering system. Minimal workhead inertia and maximal floatation for unmatched centering sensitivity.
- Machining capacity from 0.551"/14mm to 2.363"/60mm.

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