

SERDI 100 Heavy Duty Power

Strong - Reliable - Accurate

The **Brand New SERDI 100 HD Power** as a combination of a workhead on double air cushion, equipped with an **upgraded high-torque spindle, operated by a motor of 2.2 Kw**, and a highly rigid bed that can carry very heavy cylinder heads with an easy travel front to back on air cushion table and pneumatic clamping. This new model is **216 percent more powerful** than the previous SERDI 100 heavy duty.



Back position



Front position

Table support cylinder head

Machine mainly dedicated to the **low-speed machining** of **big diameter seats**. SERDI 100 HD accomodates the different SERDI fixtures for cylinder heads.

- Machine capacity from dia. 0.551" / 14mm to 4.724" / 120mm.
- The machine bed can accomodate either the tilting fixture (+42deg to -15deg) or the hydraulic 360deg. roll-over fixture with lateral up-and-down system.
- Crosswise movement of cylinder head through air-floated table featuring pneumatic clamping.
- Patented centering system: double air cushion, horizontal and spherical.
- Spindle rotation controlled by frequency inverter.
- Fitted with the new SERDI tooling that decreases the cutting force by 30%, this machine will cut the hardest seats.
- Particularly recommended for guide diameters bigger than 275"/7 mm.
- Spindle speed infinitely variable from 100 to 700 r.p.m. in both directions.
- Digital display of the spindle rotation speed.



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