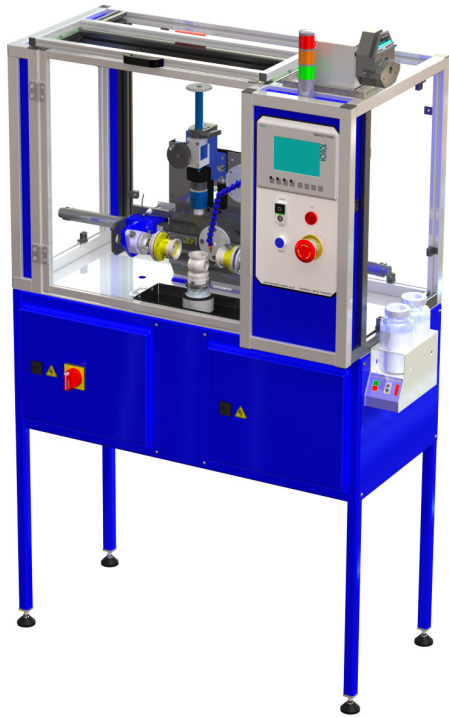
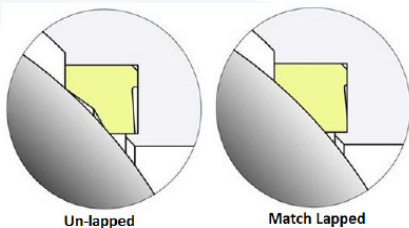


LBVS 100 LAPMASTER®

BALL VALVE MATCH LAPPING MACHINE



The Lapmaster LBVS ball valve lapping machine has been developed to maintain very accurate spherical surfaces on a variety of Ball Valves. The machine match laps two seats to the valve, achieving a mechanical seal for a wide variety of pressure requirements.



This system is effective on most materials including ceramic, graphite, ferrous metals, alloyed metals and stellite coatings.

This light duty production system is a floor-standing machine utilising a Tubular Steel Base for stability & durability. It is arranged for the use of a single independent production work station. The machine's controls are located on the side, maximising process visibility. The easy-access, well-lit ergonomic design work area utilises non-corrosive construction for cleanliness.

The machine is equipped with an angle adjustable lapping arm unit. A cam unit allows the Arm to sweep up & down, ensuring complete even lap over the Valve face.

The stand-alone system is CE compliant and features transparent polycarbonate. The system can be configured for a range of single or three phase electrical services. An air service of 0.35 MPa (50psi) is required.

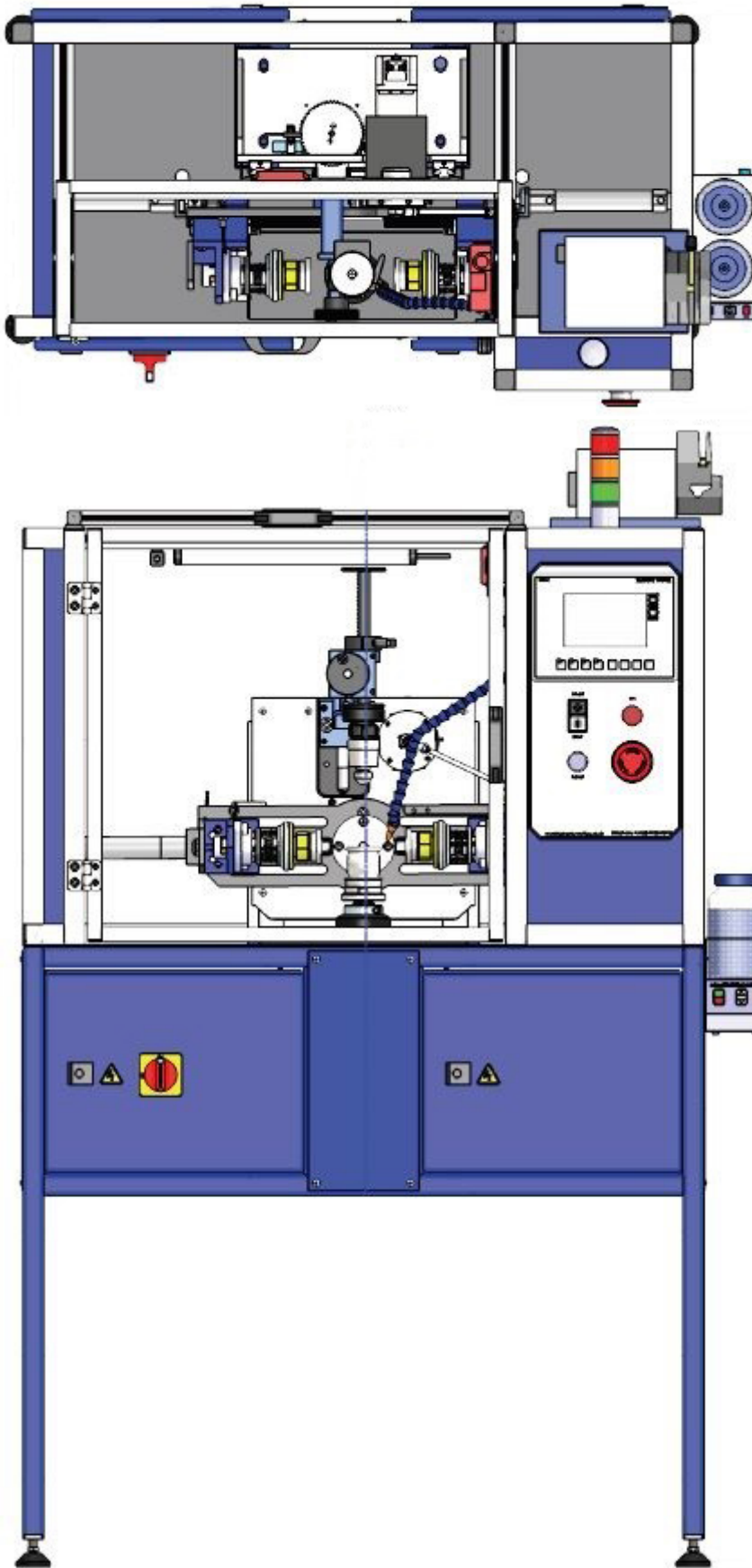
STANDARD FEATURES

- Processing of 20 - 100mm outside diameter balls.
- Ergonomic with easy access.
- Transparent polycarbonate guarding.
- Well lit work area.
- CE compliant.
- Pneumatically assisted pressure on components reduces process time and enhances repeatability.
- Compound delivery system for precise lapping compound distribution.
- Digital RPM displays.
- Electronic digital timer, 0.1 - 999 hours.
- 24VDC operator controls.

STANDARD TOOLING

- One set of standard tooling
- Operation and maintenance manual.

LBVS 100 BALL VALVE MATCH LAPPING MACHINE



OPTIONAL TOOLING

- Customised tooling available

OPTIONAL FEATURE

- PLC control

DRIVE MOTORS

- Main drive: 60W
- Spindle drives: 30W
- Gantry drive: 30W

APPROXIMATE WEIGHT

- 200 kg.

APPROXIMATE DIMENSIONS

- 1092mm (l)
- 586mm (w)
- 1672mm (h)

SERVICES

- Electrical: Single/Three phase
- Air: 0.35 MPa / 50 PSI.

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