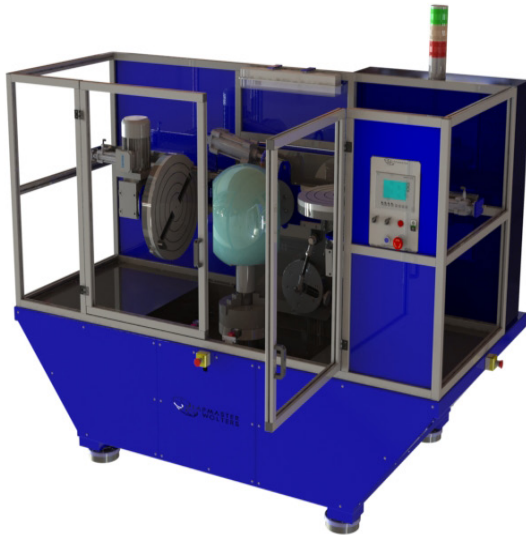


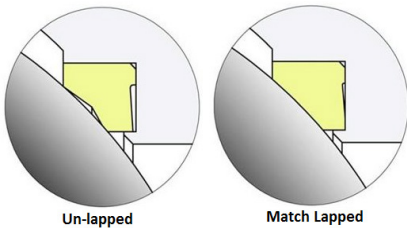
# LBVS 500

# LAPMASTER<sup>®</sup> WOLTERS

## BALL VALVE MATCH LAPPING MACHINE



The Lapmaster Wolters 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 perfect mechanical seal for any pressure requirement.



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

This heavy-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.

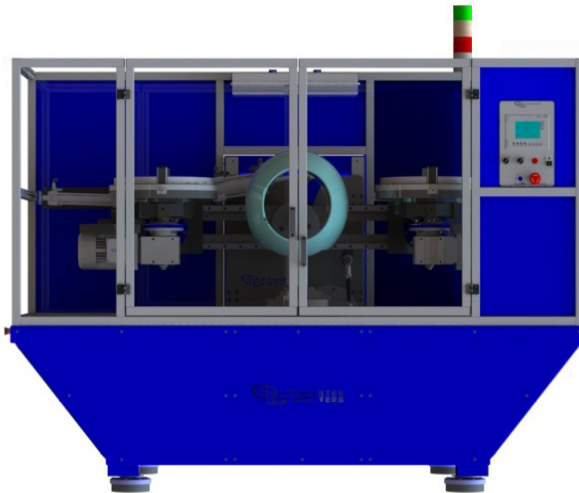
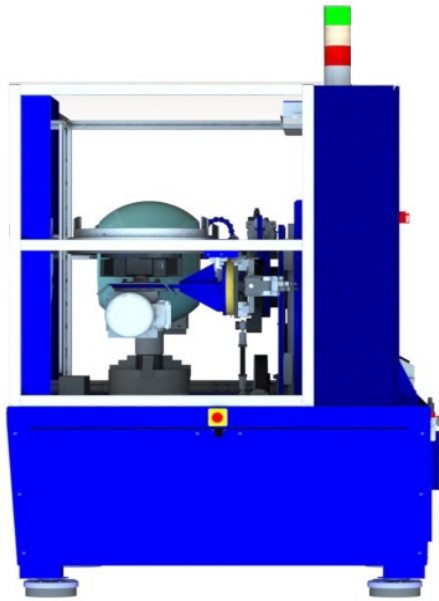
The stand-alone system is CE compliant and features transparent polycarbonate. The system can be configured for a range of three phase electrical services. An operational air service of 0.50 MPa (75psi) is required.

### STANDARD FEATURES

- Processing of 250 - 500mm outside diameter balls.
- Stainless - Stainless lapping.
- Ergonomic with easy access.
- Transparent polycarbonate guarding with door safety interlocks.
- Well lit work area.
- CE compliant.
- Pneumatically assisted pressure on components reduces process time and enhances repeatability.
- Syringe compound delivery system for precise lapping compound distribution.
- Digital RPM displays.
- Electronic digital timer, 0.1 - 999 hours.
- 24VDC Operator controls.
- Operating and alarm beacon.
- Heavy duty anti vibration feet.

### STANDARD TOOLING

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



## OPTIONAL TOOLING

- Customised tooling available

## OPTIONAL FEATURE

- PLC control

## DRIVE MOTORS

- Main drive: 5.5 kW
- Spindle drives: 1.5kW
- Gantry drive: 1.1kW

## APPROXIMATE WEIGHT

- 2500KG

## APPROXIMATE DIMENSIONS

- 1480mm (l)
- 2780mm (w)
- 2300mm (h)

## SERVICES

- Electrical: Three phase 50/60Hz
- Air: 0.5 MPa / 75 PSI

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