

MIRROR

BALL VALVE LAPPING MACHINES



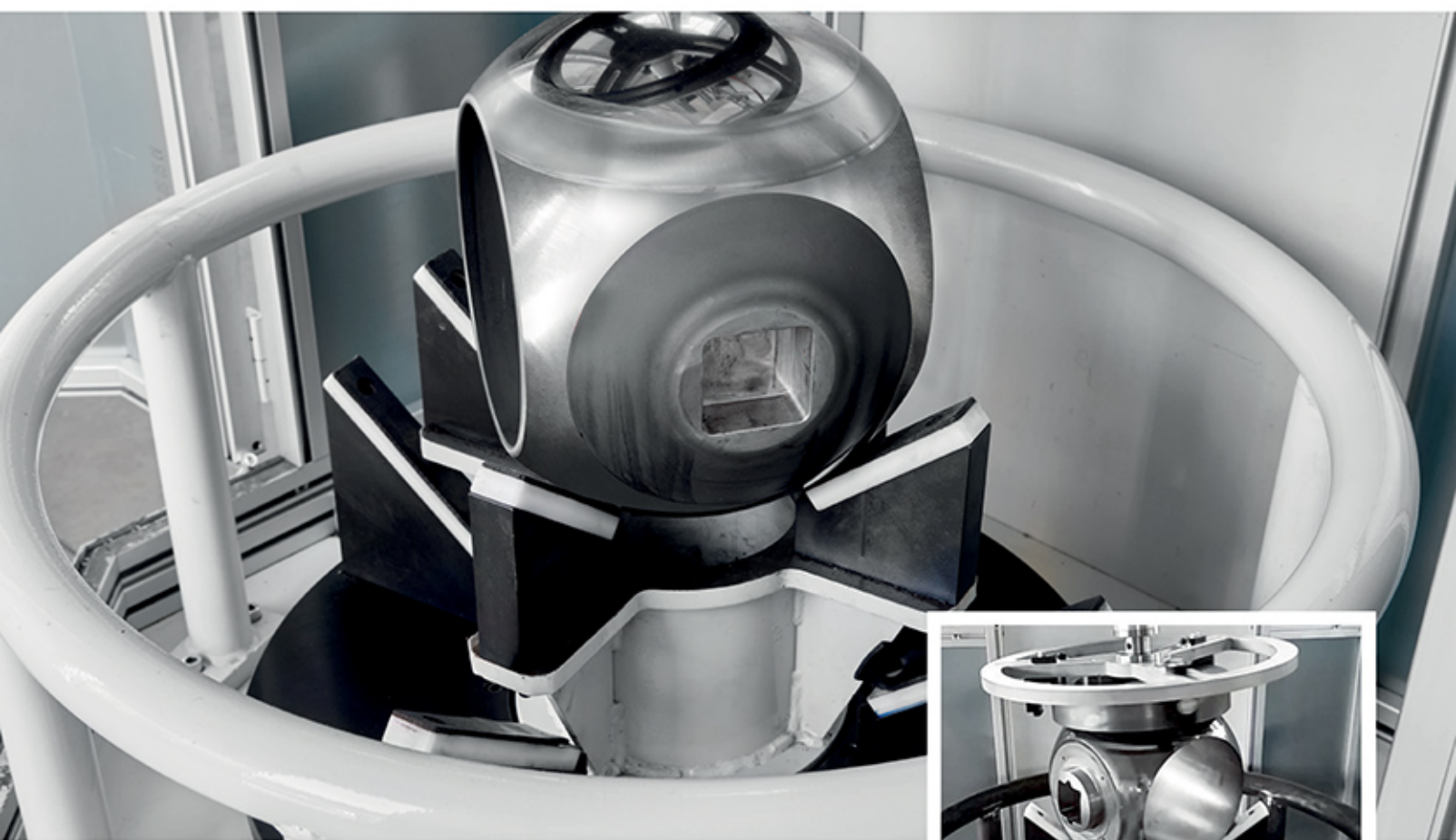
GENERAL DESCRIPTION

The MIRROR machines are designed to automate the lapping and the adjustment of the seat to the ball.

The lapping is applied on sealing band.

All models are equipped with CNC.

The largest model in the Mirror serie is able to process balls up to $\varnothing 2400$ mm.



LinkedIn



90001:2015



Website



CMAtec
Ball Valve Grinding & Lapping Machines

- The LM MIRROR machine, designed to automate the lapping of the seat to the ball, guarantees a perfect (metal on metal) seal through the lapping operation.
- A revolutionary orbital movement, with fully parameterised control of bidirectional rotation, pressure, speed and oscillation values, ensures maximum precision and flexibility.
- The process operates autonomously, with no need of oversight.

**BALL VALVE RANGE****LM 800**

Min external Ø = 300 mm (8")
Max. external Ø = 800 mm (20")

SEAT RING CLAMPING

Quick clamping device for seat ring

OSCILLATION AMPLITUDE

Regulation by PLC

SEAT RING AXIAL THRUST

Pneumatically seat ring axial thrust adjustable by PLC

PERIMETRAL GUARDS

Guards compliant standards

BALL VALVE RANGE**LM 1200**

Min external Ø = 900 mm (16")
Max. external Ø = 1200 mm (30")

SEAT RING CLAMPING

Quick clamping device for seat ring

OSCILLATION AMPLITUDE

Regulation by PLC

SEAT RING AXIAL THRUST

Pneumatically seat ring axial thrust adjustable by PLC

PERIMETRAL GUARDS

Guards compliant standards

BALL VALVE RANGE**LM 2400**

Min external Ø = 750 mm (20")
Max. external Ø = 2400 mm (64")

SEAT RING CLAMPING

Quick clamping device for seat ring

OSCILLATION AMPLITUDE

Regulation by PLC

SEAT RING AXIAL THRUST

Electrical seat ring axial thrust adjustable by PLC

PERIMETRAL GUARDS

Guards compliant standards



• SPECIFIC SIZE AVAILABLE ON DEMAND

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