

**BODE WELD-LATHE machines are designed for fully automated repetitive manufacture or, alternatively, for individual components.**

**BODE WELD-LATHE – a proven machine to cover a wide range of circumferential welding needs with Mig, Tig or sub-arc capability.**

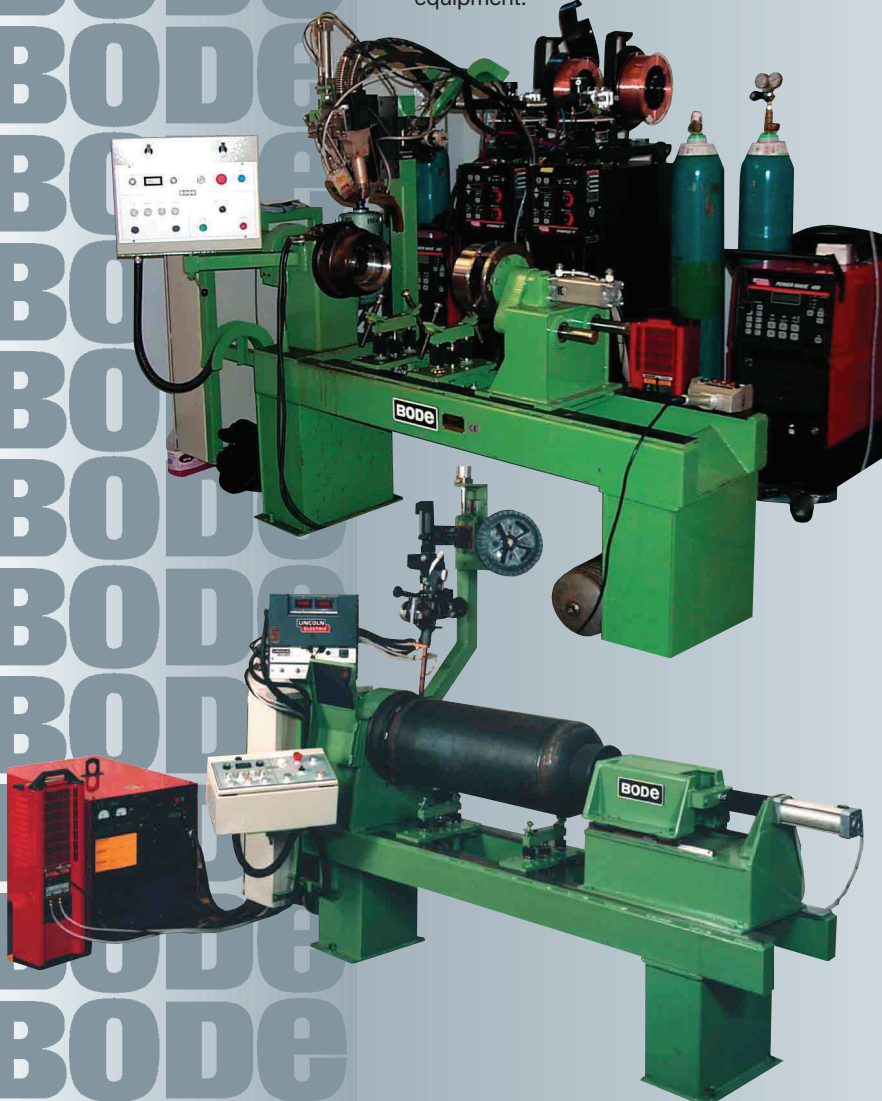
**BODE WELD-LATHE combines automation with easy set-up for repetitive accuracy – no skilled welder is required.**

#### **STANDARD FEATURES:**

- 1 The heavy duty welded base incorporates machined ways for the precision location of both Head & Tailstock ensuring accurate rotation.
- 2 Lathe Headstock incorporates variable speed rotation drive through inverter control.
- 3 Tailstock moves along machined ways to accommodate varying lengths of workpiece.
- 4 Two adjustable steadies with auto-sets are mounted on the base to facilitate loading and unloading.
- 5 Head & Tailstock provided with face plates having slots for tooling to facilitate rapid clamping of workpieces.
- 6 Where necessary, a rigid side beam mounted at rear of machine designed to carry one or more carriages which support the welding equipment. The carriage incorporates 8 rollers mounted on eccentric shafts to ensure accurate alignment, and which travel along the precision machined 'V' ways incorporated in the beam.
- 7 Infinite positioning of welding head(s) over entire length of workpiece.
- 8 Earthing is incorporated through spring-loaded carbon brushes and brass collector ring fitted at the back of the Headstock face plate, preventing bearing damage from weld current.

#### **OPTIONS:**

- Workpiece swing and bed length as required.
- Air-operated, alternatively manually adjustable, steady rests positioned on machine bed between Head & Tailstock to facilitate loading and unloading of workpiece.
- One or more carriages for mounting of welding equipment.
- Pneumatic clamping incorporated in the Tailstock ensures a close fit of components during welding.
- Adjustable centre incorporated in Tailstock.
- Additional earthing for Tailstock face plate.
- Speed indicator indicating rotation speed of Headstock, alternatively, diameter selector incorporating rotation speed in mm/min, with setting for diameter through potentiometer.
- Welding head mounted on pneumatically operated vertical slides which retract to facilitate loading and unloading.
- Adjustable time for one or more 360° rotations with overlap.
- Tailstock supported on rolls for manual positioning of Tailstock along base frame.
- Power traverse of Tailstock along machine bed.



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