## Wadkin BURSGREEN BL 150

## WOOD TURNING LATHE 6 BL 150





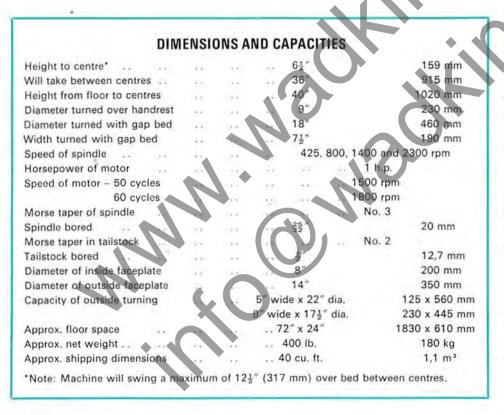
## WOOD TURNING LATHE 6" BL 150



This Bursgreen lathe is the ideal machine for colleges, schools, evening institutes, handicraft centres and all similar educational establishments. It is also a useful machine for the profitable manufacture of a wide range of turned wood products, and for use in pattern or model shops for the smaller classes of work.

It is very sturdily built for maximum rigidity, and is engineered for accuracy and to give continuous trouble free running with the minimum of attention. The outside face plate gives it an exceptionally large scope of working and makes it capable of a wide variety of work of a high standard.

Every possible safety feature has been incorporated to make the machine suitable for youthful operators. All adjustments and locks have been designed for ease and convenience of operation, no spanners are required.



The Bed can be provided with a gap. The gap section is lifted out to permit work up to 18" (460 mm) diameter to be turned.

The Headstock embodies a vee belt drive from a motor in the base. Access to the four speed pulley on the main spindle is through the hinged lid of the headstock. A safety switch, automatically operated when the lid is raised, cuts off the power to the motor, which cannot be restarted until the lid is closed. Four speeds of 425, 800, 1400 and 2300 rpm are provided.

The Main Spindle is powerful and rigid, made of high tensile steel and is mounted on sealed-tor-life ball-bearings requiring no lubrication, with provision for taking end thrust both ways. It is screwed both ends for faceplates and bored out at the front end No. 3 Morse taper for the driving centres. Cone pulley providing 4 speeds is keyed to the spindle.

The spindle is bored  $\frac{35}{25}$ " (20 mm) diameter through.

The Tailstock has quick adjustment along the bed with powerful lever lock. The tailstock is bored out for a No. 2 Morse taper centre, and is controlled by handwheel and screw. A  $\frac{1}{2}$ " (12,7 mm) diameter hole through the screw is for use when deep boring.

The drive is by vee belt from 1 h.p. totally enclosed fan cooled motor mounted inside the headstock. Foot lever disengages the tension on the belt to facilitate speed changing. Repositioning of the foot lever automatically retensions the belt. A safety switch is also fitted to the door of the base.

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BURSGREEN machines are manufactured by : BURSGREEN (OURHAM) LTD., Fence Houses, Houghton-le-Spring, Co. Durham. BURSGREEN (COLNE) LTD., Lodge Holme. Trawden, Nr. Colne, Lancs.