

Standard and Optional Machine Specifications

| | | 20/7 | 20/8 | 20/9 | 25/7 | 25/8 | 25/9 |
|--------------------|---|---|-------|----------|--------------------|-------|----------|
| Machining Capacity | Max. Turning Diameter | 0.750" (20 mm) | | | 1.0" (25 mm) | | |
| | Max. Turning Bar Length (one chucking) | 8.07"/205 mm | | | | | |
| | Max. Main Spindle Drilling/Tapping | 0.390" (10 mm)/M10 | | | 0.390" (10 mm)/M12 | | |
| | Max. Backend Face Drilling/Tapping | 0.390" (10 mm)/M10 | | | 0.390" (10 mm)/M12 | | |
| | Max. Cross Drilling/Tapping | 0.390" (10 mm)/M8 | | | | | |
| Capability | Main Spindle Speed | 25 to 10,000 rpm | | | | | |
| | Sub Spindle Speed | 25 to 10,000 rpm | | | | | |
| | C-Axis Main and Sub-Spindle | Full C Axis (0.00010°) | | | | | |
| | Max. Cross Live Tool Spindle Speed | 6,000 rpm | | | | | |
| | Total No. of Tools Standard | 25 | 29 | 35 | 25 | 29 | 35 |
| | OD/Cross Live Tool/Back Working | 8/3/4 | 8/3/8 | | 8/3/4 | 8/3/8 | |
| | End Working Tools | 2 | | | | | |
| | Boring Bar Holder (Main/Sub) | 4/4 | | | | | |
| | B-Axis Tool (Main/Sub) | - | - | 3/3 | - | - | 3/3 |
| | B-Axis Contouring | N/A | N/A | Optional | N/A | N/A | Optional |
| | Turning Tool Size | 1/2" | | | | | |
| | Rapid Traverse (X1, Y1, Z1, X2, Y2, Z2) | 1377 ipm (35 m/min) | | | | | |
| Motors | Main Spindle (40% ED) | 5 hp (3.7kW) | | | 8 hp (5.5kW) | | |
| | Sub Spindle (40% ED) | 5 hp (3.7kW) | | | 8 hp (5.5kW) | | |
| | Cross Drill Live Tools | 4.7 hp (3.5 kW) | | | | | |
| | Back End Face Tools | 4.3 hp (3.2 kW) | | | | | |
| Services | Coolant Tank Capacity | 39 gallons (145 L) | | | | | |
| | Coolant Type | Non-water-soluble cutting oil/Water-soluble cutting fluid | | | | | |
| | Air Supply | 72.5 psi (0.5 Mpa) | | | | | |
| | Power Requirements | 15.75 kVA | | | | | |
| Dimensions | Center Height | 41.34" (1050 mm) | | | | | |
| | Length | 88.58" (2250 mm) | | | | | |
| | Width | 48.23" (1225 mm) | | | | | |
| | Height | 66.93" (1700 mm) | | | | | |
| | Machine Weight | 7,850 lbs (3560 kg) | | | | | |

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