

| | Item | Unit | MU-4000V | MU-4000V-L Turning Specs |
|--------------|--|-------------------|--|--------------------------|
| Travels | X axis (spindle ram) | mm (in.) | 740 (29.13) (+20 (0.79) ATC movements) | |
| | Y axis (spindle ram) | mm (in.) | 460 (18.11) | |
| | Z axis (spindle ram) | mm (in.) | 460 (18.11) | |
| | B axis (trunnion rotation) | deg | +90 to -120 | |
| | C axis (table rotation) | deg | 360 (infinite) | |
| | Table surface to spindle nose | mm (in.) | 120 to 580 (4.72 to 22.83) | |
| Table | Table size | mm (in.) | ø400 (15.75) | |
| | Max work size | mm (in.) | ø500 × H400 (ø19.69 × H15.75) | |
| | Floor to table top | mm (in.) | 900 (35.43) | |
| | Max load capacity | kg (lb) | 300 (660) | |
| | Turning spindle speed | min ⁻¹ | — | C axis: 1,200 |
| Spindle | Spindle speed | min ⁻¹ | 15,000 [20,000, 25,000] | 12,000 |
| | No. of spindle ranges | | Infinitely variable | |
| | Tapered bore | | 7/24 taper No.40 [HSK-A63] | HSK-A63 |
| | Bearing dia | mm (in.) | ø70 (2.76) | |
| Feed | Rapid traverse | m/min (ipm) | X-Y-Z: 50 (1,969) | |
| | Rapid traverse | deg/min | B: 18,000 (50 min ⁻¹) C: 43,200 (120 min ⁻¹) | |
| | Cutting feedrate | mm/min | X-Y-Z: 1 to 50,000 | |
| Motors | Spindle (10 min/cont) | kW (hp) | 22/18.5 [30/22, 15/11] (30/25 [40/30, 20/15]) | 22/18.5 (30/25) |
| | Feed axes | kW (hp) | X-Y-Z: 3.5, B: 4.6, C: 6.7 (X-Y-Z: 5, B: 6, C: 9) | |
| ATC | Tool shank | | MAS BT40 [HSK-A63] | HSK-A63 |
| | Pull stud | | MAS 2 [—] | — |
| | Tool capacity (magazine) | | 32-tool (chain) [48-tool, 64-tool: chain, Over 64-tool: matrix] | |
| | Max tool dia (w/adjacent / w/o adjacent) | mm (in.) | ø90/ø125 (ø3.54/ø4.92) | |
| | Max tool length | mm (in.) | 300 (11.81) | |
| | Max tool weight | kg (lb) | 8 (18) | |
| | Maximum tool mass moment | N-m | 7.8 | |
| | Tool selection | | Memory random (matrix magazine is fixed address system) | |
| Machine size | Height | mm (in.) | 2,950 (116.14) | |
| | Floor space W x D | mm (in.) | 2,399 × 3,248 (94.49 × 127.87) | |
| | Weight | kg (lb) | 9,700 (21,340) | |
| CNC | | | OSP-P300MA | OSP-P300SA |