

| | 100MSY | 150MSY | 200MS | 200MSY |
|---------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Universal | - | - | 850 U / 1300 U | 850 U / 1300 U |
| Max. machining diameter | ø300 mm (ø11.625") | ø300 mm (ø11.625") | ø344 mm (ø13.54") | ø344 mm (ø13.54") |
| Travel (X1, Y1, Z1) | 175, 100 (±50), 520 mm (6.875", 4"(±2"), 20.375") | 175, 100 (±50), 520 mm (6.875", 4"(±2"), 20.375") | 207, -, 760 / 1225 mm (8.2", -, 29.875" / 48.25") | 207 / 100 (±50) / 760 - 1225 mm (8.2" / 4"(±2") / 29.875" - 48.25") |
| Travel (X2, Y2, Z2) | 111, 70 (+20, -50), 580 mm (4.3125", 2.75"(+0.75", -2"), 22.75") | 111, 70 (+20, -50), 580 mm (4.3125", 2.75"(+0.75", -2"), 22.75") | 141, -, 815 / 1280 mm (5.5625", -, 32.125" / 50.5") | 141, 70 (+20, -50), 815 / 1280 mm (5.5625", 2.75"(+0.75", -2"), 32.125" / 50.5") |
| Spindle (30 min. rating)*1 | 6000 rpm, 11 kW (15 HP) | 5000 rpm, 15 kW (20 HP) | 5000 rpm, 22 kW (30 HP) | 5000 rpm, 22 kW (30 HP) |
| Second spindle (30 min. rating)*1 | 6000 rpm, 11 kW (15 HP) | 6000 rpm, 11 kW (15 HP) | 5000 rpm, 22 kW (30 HP) | 5000 rpm, 22 kW (30 HP) |
| Rotary tool spindle (10 min. rating) | 6000 rpm, 5.5 kW (7.5 HP) | 6000 rpm, 5.5 kW (7.5 HP) | 6000 rpm, 5.5 kW (7.5 HP) | 6000 rpm, 5.5 kW (7.5 HP) |
| Max. bar material diameter** | ø51 mm (ø2.01") | ø65 mm (ø2.56") | ø65 mm (ø2.56") | ø65 mm (ø2.56") |
| Tool storage capacity (Upper / Lower) | 12 / 12 | 12 / 12 | 12 / 12 | 12 / 12 |
| Floor space requirement | 2862 × 2486 mm (112.7" × 97.9") | 2862 × 2486 mm (112.7" × 97.9") | 3510 × 2811 / 4670 × 3055 mm (138.19" × 110.67" / 183.9" × 120.3") | 3510 × 2811 / 4670 × 3055 mm (138.19" × 110.67" / 183.9" × 120.3") |
| | 250MS | 250MSY | 400 | 400M |
| Universal | 850 U / 1300 U | 850 U / 1300 U | 2000 U | 2000 U |
| Max. machining diameter | ø344 mm (ø13.54") | ø344 mm (ø13.54") | ø580 mm (ø23.00") | ø580 mm (ø23.00") |
| Travel (X1, Y1, Z1) | 207, -, 760 / 1225 mm (8.2", -, 29.875" / 48.25") | 207, 100 (±50), 760 / 1225 mm (8.2", 4"(±2"), 29.875" / 48.25") | 340 / - / 2125 mm (13.38" / - / 83.63") | 340 / - / 2125 mm (13.38" / - / 83.63") |
| Travel (X2, Y2, Z2) | 141, -, 815 / 1280 mm (5.5625", -, 32.125" / 50.5") | 141, 70 (+20, -50), 815 / 1280 mm (5.5625", 2.75"(+0.75", -2"), 32.125" / 50.5") | 230 / - / 2125 mm (9" / - / 83.63") 2500 rpm, 37 kW (50 HP) | 230/2125 mm (9.06"/83.63") |
| Spindle (30 min. rating)*1 | 4000 rpm, 26 kW (35 HP) | 4000 rpm, 26 kW (35 HP) | 2500 rpm, 37 kW (50 HP) | 2500 rpm, 37 kW (50 HP) |
| Second spindle (30 min. rating)*1 | 5000 rpm, 22 kW (30 HP) | 5000 rpm, 22 kW (30 HP) | - | - |
| Rotary tool spindle (10 min. rating) | 6000 rpm, 5.5 kW (7.5 HP) | 6000 rpm, 5.5 kW (7.5 HP) | - | 4000 rpm, 7.5 kW (10 HP) |
| Max. bar material diameter** | ø80 mm (ø3.14") | ø80 mm (ø3.14") | - | - |
| Tool storage capacity (Upper / Lower) | 12 / 12 | 12 / 12 | 12 / 8 | 12 / 8 |
| Floor space requirement | 3625 × 2811 / 4670 × 3055 mm (142.71" × 110.67" / 183.9" × 120.3") | 3625 × 2811 / 4670 × 3055 mm (142.71" × 110.67" / 183.9" × 120.3") | 6644 × 2868 mm (261.57" × 112.91") | 6644 × 2868 mm (261.57" × 112.91") |
| | 400MY | 450 | 450M | 450MY |
| Universal | 2000 U | 2000 U | 2000 U | 2000 U |
| Max. machining diameter | ø580 mm (ø23.00") | ø580 mm (ø22.835") | ø580 mm (ø22.835") | ø580 mm (ø22.835") |
| Travel (X1, Y1, Z1) | 340 / 200 / 2125 mm (13.38" / 8" / 83.63") | 340 / - / 2125 mm (13.38" / - / 83.63") | 340 / - / 2125 mm (13.38" / - / 83.63") | 340 / 200 / 2125 mm (13.38" / 8" / 83.63") |
| Travel (X2, Y2, Z2) | 230 / - / 2125 mm (9" / - / 83.63") | 230 / - / 2075 mm (9" / - / 81.75") | 230 / - / 2075 mm (9" / - / 81.75") | 230 / - / 2125 mm (9" / - / 83.63") |
| Spindle (30 min. rating)*1 | 2500 rpm, 37 kW (50 HP) | 2000 rpm, 37 kW (50 HP) | 2000 rpm, 37 kW (50 HP) | 2000 rpm, 37 kW (50 HP) |
| Spindle bore diameter | - | ø185 mm (7.2")*ø275 mm (10.8") | ø185 mm (7.2")*ø275 mm (10.8") | ø185 mm (7.2")*ø275 mm (10.8") |
| Rotary tool spindle (10 min. rating) | 4000 rpm, 7.5 kW (10 HP) | 4000 rpm, 7.5 kW (10 HP) | 4000 rpm, 7.5 kW (10 HP) | 4000 rpm, 7.5 kW (10 HP) |
| Tool storage capacity (Upper / Lower) | 12 / 8 | 12 / 8 | 12 / 8 | 12 / 8 |
| Floor space requirement | 6644 × 2868 mm (261.57" × 112.91") | 6644 × 2868 mm (261.57" × 112.91") | 6644 × 2868 mm (261.57" × 112.91") | 6644 × 2868 mm (261.57" × 112.91") |

*1 : Depends on chuck specifications