

Compact Machining Center

DST-40DS

The DST-40DS is a dual-spindle drill tap, which makes it equivalent to two machines in a single footprint. Its 2-head construction allows independent off-sets and synchronized operations of the Z axis and W axis, resulting in the ability to produce two products in a single operation as well as a short loading/unloading time.



NOMURA DS

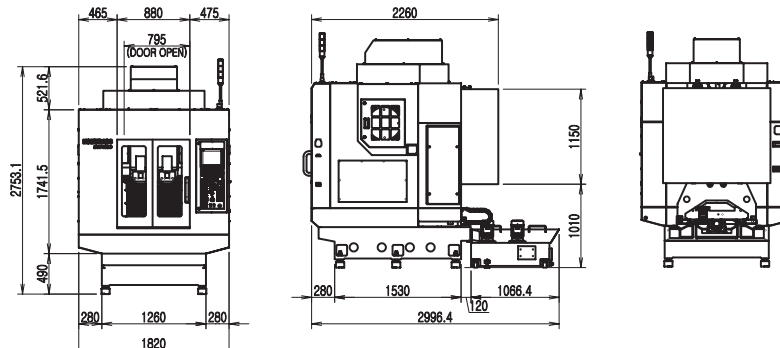
Specifications

| Specification | | | Unit | Specification Value |
|---------------|--|--------|----------|---|
| Travel | Stroke | X-Axis | mm (in) | 540 (21.26") |
| | | Y-Axis | mm (in) | 400 (15.75") |
| | | Z-Axis | mm (in) | 400 (15.75") |
| | Distance from the tip of spindle to the top of the table | | mm (in) | 550 (21.66") 150 (5.91") |
| | Distance from the tip of spindle to the column | | mm (in) | 444 (17.48") |
| Rapid Travel | X-Axis | | m/min | 60 (2362.2 ipm) |
| | Y-Axis | | m/min | 60 (2362.2 ipm) |
| | Z-Axis | | m/min | 60 (2362.2 ipm) |
| | Cutting Feedrate | | m/min | ~ 20 (787.4 ipm) |
| Table | Table Size | | mm (in) | 750 x 400 (29.53" x 15.75") |
| | Allowable Load | | kg (lbs) | 300 (661 lbs) |
| | Table Type | | - | T-Slot |
| Spindle | Spindle Pitch | | mm (in) | 320 (12.60") |
| | Max Speed (K=1,000rpm) | | rpm | 15K (12K, 24K) |
| | Power | | kW (hp) | 7.5/5.5 (10/7.5 hp) 3.7/2.2 (5/3 hp) 5.5/3.7 (7.5/5 hp) |
| ATC | ATC Type | | - | Twin Arm |
| | Tool Storage | | ea | 24 (20) |
| | Tool Shank | | - | BBT30 |
| | Max Tool Diameter | | mm (in) | ø60 (2.36") |
| | Tool to Tool Time | | sec | 1.1 |
| | Chip to Chip Time | | sec | 1.8 |
| Machine | Floor Space (L x W) | | mm (in) | 1,820 x 2,260 (71.70" x 89.80") |
| | Weight | | kg (lbs) | 4,500 (9921 lbs) |
| Controller | CNC Type | | - | Mitsubishi M80 (Siemens 828D) (Fanuc Oi-MF) |

| Standard Accessories | |
|--|--|
| Indicator Light | |
| Auto Lubricator Unit | |
| LED Work Light | |
| Bed Shower Coolant | |
| Flood Shower Coolant | |
| Portable MPG | |
| Air Gun | |
| Air Conditioner | |
| Safety Switch (Door Lock) | |
| Safety nameplate (Korean / English / ECT.) | |

| Optional Accessories | |
|-------------------------------|------------------------------|
| Coolant Tank | STD' |
| | Screw Conveyor Type |
| | Scraper Conveyor Type |
| | Magnet Scraper Conveyor Type |
| Tool Breakage Detector | Drum Filter Conveyor Type |
| | Touch Type |
| Oil Skimmer | Laser Type |
| | |
| Spindle through Coolant [TSC] | |
| JIG Shower Coolant | |
| Tool Taper Cleaning Coolant | |
| High Pressure Coolant System | |
| Hydraulic Tank | |
| INDEX Rotary Table | |
| Mist Collector | |
| Transformer | |
| Touch Probe (Work) | |
| Top Cover | |
| Sub Operate Box | |
| Auto Door (Front) | |
| High Column (150mm) | |

Floor Layout



Version 5.20.24