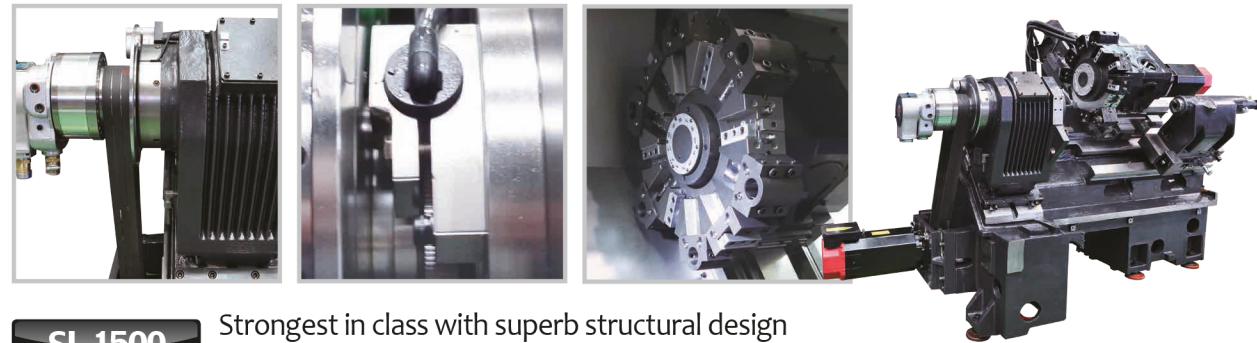


# SL 1500 / 1500M / 2000 / 2000M

## 6"- 8" HORIZONTAL TURNING CENTER



**SL 1500**

Strongest in class with superb structural design  
Simultaneous heavy duty and precision turning



- 45 degree torque tube type bed to support heavy duty turning
- Significantly reduced non-cutting time and efficient turning
- SERVO TURRET for performance improvement
- Low-center of gravity reducing vibration, thermal deformation and improving rigidity

### Major Specifications

[ ] : Option

| DESCRIPTION                                    |       | SL 1500            | SL 1500M           | SL 2000            | SL 2000M           |
|--|-------|--------------------|--------------------|--------------------|--------------------|
| Chuck size                                     | inch  | 6"                 | 6"                 | 8"                 | 8"                 |
| Swing over the bed                             | mm    | 570                | 570                | 570                | 570                |
| Max. machining diameter×length                 | mm    | 360×540            | 360×520(MILL:372)  | 360×540            | 360×520(MILL:372)  |
| Max. machining bar size                        | mm    | 51                 | 51                 | 67                 | 67                 |
| Spindle speed                                  | rpm   | 6,000              | 6,000              | 4,500              | 4,500              |
| Spindle nose                                   | ASA   | A2-5               | A2-5               | A2-6               | A2-6               |
| Spindle motor(cont./30min)                     | kW    | 11/18.5            | 11/18.5            | 15/18.5            | 15/18.5            |
| Rapid traverse (X/Z)                           | m/min | 24/30              | 24/30              | 24/30              | 24/30              |
| Axis travel (X/Z)                              | mm    | 210/560            | 215/560            | 210/560            | 215/560            |
| Number of tool positions                       | ea    | 12                 | 12[24]/BMT55       | 12                 | 12[24]/BMT55       |
| Shank size for square tool                     | mm    | 25                 | 25                 | 25                 | 25                 |
| Shank size for boring bar                      | mm    | 40                 | 40                 | 40                 | 40                 |
| Tailstock travel                               | mm    | 80                 | 80                 | 80                 | 80                 |
| Machine weight                                 | kgf   | 3,700              | 3,800              | 3,900              | 4,000              |
| Required floor space(with chip conveyor) (L×W) | mm    | 2,788(3,773)×1,530 | 2,788(3,773)×1,530 | 2,788(3,773)×1,530 | 2,788(3,773)×1,530 |
| Controller                                     |       | Fanuc Series       |                    |                    |                    |

# SL 2500 Series

## BOX WAY TYPE TURNING CENTER



**SL 2500**

Stabilized Structure that Optimizing Productivity



- 'Curvic' Coupling turret for easy maintenance after collision.
- Rigid single tube type bed design (45 degree slant) ensures minimum bending and torsion even during heavy duty cutting and high speed turning operations.
- Wide guide area sufficient to absorb working loads.

### Major Specifications

[ ] : Option

| DESCRIPTION                                    |       | SL 2500(X/L)   |                    | SL 2500M(XM/LM)              |                            |
|--|-------|--|--------------------|------------------------------|----------------------------|
|  |       | A Type:8"  | B Type:10"         | A Type:8"                    | B Type:10"                 |
| Chuck size                                     | inch  | A Type:8"  | B Type:10"         | A Type:8"                    | B Type:10"                 |
| Swing over the bed                             | mm    | 650  | 650                | 650                          | 650                        |
| Max. machining diameter×length                 | mm    | 430×570(850/1,070)   | 430×554(834/1,054) | 405×504(784/1,004)(MILL:433) | 405×497(767/997)(MILL:433) |
| Max. machining bar size                        | mm    | 68   | 77                 | 68                           | 77                         |
| Spindle speed                                  | rpm   | 4,500  | 3,500              | 4,500                        | 3,500                      |
| Spindle nose                                   | ASA   | A2-6   | A2-8               | A2-6                         | A2-8                       |
| Spindle motor(cont./30min)                     | kW    | 15/18.5  | 15/18.5[18.5/26]   | 15/18.5                      | 15/18.5[18.5/26]           |
| Rapid traverse (X/Z)                           | m/min | 24/30  | 24/30              | 24/30                        | 24/30                      |
| Axis travel (X/Z)                              | mm    | 245/600(880/1,100)   | 245/600(880/1,100) | 245/540(820/1,040)           | 245/540(820/1,040)         |
| Number of tool positions                       | ea    | 12   | 12                 | 12/BMT65                     | 12/BMT65                   |
| Shank size for square tool                     | mm    | 25   | 25                 | 25                           | 25                         |
| Shank size for boring bar                      | mm    | 50   | 50                 | 50                           | 50                         |
| Tailstock travel                               | mm    | 80(100)  | 80(100)            | 100                          | 100                        |
| Machine weight                                 | kgf   | 5,100(5,700/6,300)   | 5,100(5,700/6,300) | 5,100(5,700/6,400)           | 5,200(5,800/6,400)         |
| Required floor space(with chip conveyor) (L×W) | mm    | SL 2500:3,125(4,230)×1,610, SL 2500X/XM:3,430(4,535)×1,610, SL 2500L/LM:3,780(4,885)×1,610 |                    |                              |                            |
| Controller                                     |       | Fanuc Series   |                    |                              |                            |