

Cincom L32 Sliding Headstock Type Automatic CNC Lathe Machine

Machine Specifications

| Item | | L32 VIII | L32 IX | L32 X | L32 XII |
|--|-------------|------------------------------|--------|-------|---------|
| Maximum machining diameter | | 32mm Dia. | | | |
| Maximum machining length | GB machine | 320mm/chuck | | | |
| | GBL machine | Workpiece diameterx2.5/chuck | | | |
| Maximum drilling diameter for main spindle | | 12mm Dia. | | | |
| Maximum tapping diameter for main spindle(tap, die) | | M12(Cut tap) | | | |
| Spindle through-hole diameter | | 39mm Dia. | | | |
| Spindle speed | | Max.8,000min-1 | | | |
| Maximum chuck diameter of back spindle | | 32mm Dia. | | | |
| Maximum drilling diameter in back machining process | | 10mm Dia. | | | |
| Maximum tapping diameter in back machining process | | M10(Cut tap) | | | |
| Back spindle speed | | Max.8,000min-1 | | | |
| Maximum drilling diameter for gang rotary tool | | 8mm Dia. | | | |
| Maximum tapping diameter for gang rotary tool | | M6(Cut tap) | | | |
| Gang rotary tool spindle speed | | Max.6,000min-1 | | | |
| Maximum drilling diameter for rotary tool of the opposed tool post | | 8mm Dia. | | | |
| Note) Optional feature to all types | | | | | |
| Maximum tapping diameter for rotary tool of the opposed tool post | | M6(Cut tap) | | | |
| Note) Optional feature to all types | | | | | |
| Rotary tool spindle speed of the opposed tool post | | Max.6,000min-1 | | | |

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|--|--|---|--------|----------------|--------|
| Note) Optional feature to all types | | | | | |
| Maximum drilling diameter for back tool post rotary tool | | OP | | 8mm Dia. | |
| Maximum tapping diameter for back tool post rotary tool | | OP | | M6(Cut tap) | |
| Rotary tool spindle speed of back tool post | | OP | | Max.6,000min-1 | |
| Number of tools to be mounted | | Max.30 | Max.36 | Max.44 | Max.40 |
| Tool size | Turning tool | 16mm Sq. | | | |
| Rapid feed rate | X1 axis | 32m/min | | | |
| | X2 axis | 32m/min | | | |
| | Y1 axis | 32m/min | | | |
| | Y2 axis | - | | 24m/min | |
| | Z1 axis | 32m/min | | | |
| | Z2 axis | 32m/min | | | |
| Motors | For spindle drive | 3.7/7.5kW | | | |
| | For tool spindle drive(gang rotary tool post) | 1.0kW | | | |
| | For the back spindle drive | 2.2/3.7kW | | | |
| | For the spindle drive of the opposed tool post | 1.0kW Note) Optional feature to all types | | | |
| | For the spindle drive of the back tool post | OP | | 1.0kW | |
| | For cutting coolant oil | 0.25kW | | | |
| Rated power consumption | | 13.2kVA | | | |
| Load operation average power | | 6.9kVA | | | |
| Center height | | 1,050mm | | | |
| Weight | | 2,900kg | | | |

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| ATC device | L32XII ATC |
| Max. ATC tooling rotations | 12,000min-1 |
| Motor output | 2.2kW |
| Tool holder type | JBS-15T |
| No. of B-axis tools | 13 |
| Number of tools mountable on the main unit | Max.34 |
| Tool changing time (chip to chip) | 4.0 sec |
| Maximum outer diameter of tools | 30mm Dia. |
| Maximum grip diameter | 10mm Dia. (ER16) |