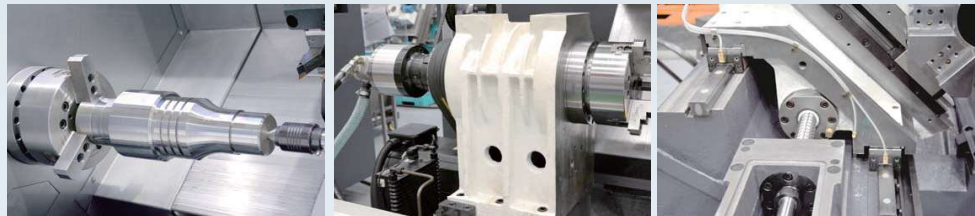


Slant Bed CNC Lathe CLS Series



DMTC GENERAL TECHNOLOGY GROUP
DALLIAN MACHINE TOOL CO., LTD.



| Specification | | Unit | CLS-20 | |
|---|-------------|--------|--|-----------|
| Max. swing diameter over bed | | mm | Φ500 | |
| Max. turning diameter | Shaft parts | mm | Φ260 | |
| | Disc parts | mm | Φ300 | |
| Max. turning length | | mm | 450 | 430 |
| Guideway type | | | Linear guideway | |
| Spindle | | | | |
| Chuck size | | | 8" | 10" |
| Type of spindle nose | | | A2-6 | A2-8 |
| Spindle speed range | | rpm | 45 ~ 4500 | 35 ~ 3500 |
| Spindle motor power | | KW | 11/15 FANUC 0i-TF(5) | |
| Spindle bore | | mm | Φ62 | Φ87 |
| Max. bar capacity (Equipped with through-hole hydraulic chuck) | | mm | Φ51 | Φ74 |
| Travel | | | | |
| Max. travel of X/Z axis | | mm | 165/500 | |
| Rapid traverse of X/Z axis | | m/min | 20/24 | |
| Cutting feed rate | | mm/min | 0 ~ 5000 | |
| Tool post | | | | |
| Turret type and tool numbers | | | Hydraulic 8-position turret (Opt:12-position turret) | |
| Tool shank size | | mm | 25×25 | |
| Indexing time(adjacent/farthest) | | s | 0.45/1.2 (0.45/1.45 12-position turret) | |
| Tailstock | | | | |
| Max. travel of tailstock | | | 460 | |
| Diameter of tailstock quill | | | Φ80 | |
| Tailstock quill stroke | | mm | 130 | |
| Taper of tailstock | | | MT 4 | |
| Accuracy | | | | |
| X/Z axis positioning accuracy | | mm | 0.008/0.008 | |
| X/Z axis repeatability accuracy | | mm | 0.004/0.004 | |
| Controller | | | | |
| CNC Controller | | | FANUC 0i-TF(5)Plus、SIEMENS 828D、GSK 988T | |
| General | | | | |
| Machine dimensions(L×W×H) | | mm | 2900×2870×2000 (Rear chip conveyor) 3900×1740×2000 (Side chip conveyor) | |
| Machine weight | | kg | 4000 | |

Standard configurations

- Hydraulic 8-position turret
- NSK spindle bearings and X/Z axis bearings
- X/Z ball screws&linear guideways
- Non through-hole hydraulic chuck
- Hydraulic tailstock
- Heat exchanger
- Chip collection box
- Automatic lubrication system
- Standard toolkit

Optional

- Hydraulic 12-position turret
- X/Z THK ball screws& THK linear guideways
- Through-hole hydraulic chuck
- Tool presetter
- Air conditioner
- Oil mist separator
- Bar feeder and parts catcher
- Chain-type chip conveyor
- Automatic door