



SPECIFICATIONS OF MACHINES

| MODEL | | FTC-10 | FTC-20 | FTC-20L | FTC-30 | FTC-50 | FTC-50L |
|--|-------|---------------|---------------|---------------|---------------|----------------|---------------|
| SWING OVER BED / FRONT COVER | mm | φ 520 | φ 560 | φ 600 | φ 580 | φ 750 | |
| STANDARD TURNING DIAMETER | mm | φ 180 | φ 250 | | φ 310 | φ 271 | |
| MAX. TURNING DIAMETER | mm | φ 240 | φ 350 | | φ 450 | φ 640 | |
| MAX. TURNING LENGTH | mm | 255 | 343 | 613 | 621 | 808 | 1,440 |
| HYDRAULIC POWER CHUCK DIAMETER | | 6" | 8" | | 10" | 15" | |
| SWING OVER CARRIAGE | mm | φ 260 | φ 350 | φ 400 | φ 450 | φ 550 | |
| X AXIS TRAVEL | mm | 120 + 20 | 175 + 25 | | 225 + 25 | 320 + 25 | |
| Z AXIS TRAVEL / OPT | mm | 290 | 380 | 650 | 670 | 870 / 1,500 | |
| RAPID TRAVERSE X / Z AXIS | m/min | 24 / 24 | 24 / 24 | | 20 / 20 | 20 / 20 | |
| SPINDLE NOSE | | A2-5 | A2-6 | | A2-8 | A2 - 11 | |
| SPINDLE SPEED | rpm | 6,000 | 4,500 | | 3,500 | 2,000 (2.Step) | |
| SPINDLE BORE | mm | φ 56 | φ 62 | | φ 88 | φ 131 | |
| THROUGH HOLE DRAW TUBE | mm | φ 45 | φ 52 | | φ 75 | φ 117.5 | |
| SPINDLE BEARING DIAMETER | mm | φ 90 | φ 100 | | φ 130 | φ 180 | |
| SPINDLE TAPER | | MT # 6 | 1 : 20 | | 1 : 20 | 1 : 20 | |
| TURRET TOOL POSITIONS | | 10 T | 8 T | | 8 T | 12 T | |
| STANDARD O.D. TOOL SIZE | mm | □ 20 | □ 25 | | □ 25 | □ 32 | |
| I.D. TOOL SIZE (MAX) | mm | φ 25 | φ 40 | | φ 40 | φ 50 | |
| TAILSTOCK QUILL DIAMETER | mm | φ 50 | φ 65 | | φ 100 | φ 100 | |
| TAILSTOCK QUILL STROKE | mm | 80 | 90 | | 100 | 100 | |
| TAILSTOCK QUILL TAPER | | MT-3 | MT-4 | | MT-4 | MT-5 | |
| SPINDLE MOTOR (30 min / continuous) kW | | 11 / 7.5 | 18.5 / 15 | | 22 / 18.5 | 26 / 22 | |
| SERVO MOTOR | kW | X=1.2 / Z=1.2 | X=1.6 / Z=3.0 | X=3.0 / Z=3.0 | X=3.0 / Z=3.0 | X =4.0 / Z=4.0 | |
| COOLANT CAPACITY | liter | 95 | 100 | 250 | 95 | 200 | 350 |
| FLOOR SPACE | mm | 1,795 x 1,317 | 2,530 x 1,535 | 2,750 x 1,535 | 2,920 x 1,685 | 4,500 x 2,125 | 5,400 x 2,125 |
| MACHINE WEIGHT | kgf | 2,500 | 3,550 | 3,850 | 5,080 | 9,550 | 10,500 |

STANDARD ACCESSORIES

- Through-hole hydraulic chuck
- Face cutting holder
- Boring tool holder
- Boring bar socket
- Morse taper MT3 socket
- Hard jaws
- Soft jaws
- Heat exchanger
- Chip conveyor/chip bucket (STD in FTC-50 only)
- Programmable tailstock (STD in FTC-50 only)

OPTIONAL ACCESSORIES

- Chip conveyor/chip bucket
- Extra hard/soft jaws
- Automatic door
- Parts catcher
- Bar feeder interface (LNS system)
- Bar feeder
- Programmable tailstock (not available in FTC-10)
- VDI turret (not available in FTC-10)
- VDI tool holders
- Two-stage clamping force by M function
- High-pressure coolant pump
- Bigger chuck

* Specifications are subject to change without notice.