



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.