



ISO 9001 ISO 14001 CE  
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# w/TQCT(KV) Turret CNC Lathe TA-20/25

High ▪Quality ▪Precision ▪Efficiency ▪Economy



# TA-20/25 Standard Specifications

Item	Specification	Unit	TA-20	TA-20M	TA-25	TA-25M	TA-25MB	
CAPACITY	Max. Swing Diameter	mm	Ø620	Ø620	Ø620	Ø620	Ø620	
	Max. Swing over Saddle	mm	Ø440	Ø440	Ø440	Ø440	Ø440	
	Max. Turning Diameter	mm	Ø450	Ø335	Ø450	Ø335	Ø400	
	Max. Truning Length	mm	630	630	630	630	630	
	Bar Capacity	mm	Ø51	Ø51	Ø64	Ø64	Ø64	
SPINDLE	Spindle Speed	rpm	4500	4500	3500	3500	3500	
	Spindle Nose		A2-6	A2-6	A2-8	A2-8	A2-8	
	Chuck Size	inch	8"	8"	10"	10"	10"	
	Through-Spindle Hole Diameter	mm	Ø62	Ø62	Ø78	Ø78	Ø80	
	Spindle Bearing Diameter	mm	Ø100	Ø100	Ø120	Ø120	Ø130	
	Cs-Axis Positioning	deg	-	0.001°	-	0.001°	0.001°	
SUB-SPINDLE	Spindle Speed	rpm	-	-	-	-	5000	
	Spindle Nose		-	-	-	-	A2-5	
	Chuck Size	inch	-	-	-	-	8"	
	Spindle Bearing Diameter	mm	-	-	-	-	Ø90	
	Cs-Axis Positioning	deg	-	-	-	-	0.001°	
TURRET	No. of Tool Stations	pc	12 B/H (QCT)	-	12 B/H (QCT)	-	-	
	O.D. Tool Holder	mm	25x25	-	25x25	-	-	
	I.D. Tool Holder	mm	Ø40	-	Ø40	-	-	
	Drive System		Servo	-	Servo	-	-	
POWER TURRET	Turret Style		-	VDI-40	-	VDI-40	VDI-40	
	No. of Tool Stations	pc	-	12	-	12	12	
	O.D. Tool Holder	mm	-	25x25	-	25x25	25x25	
	I.D. Tool Holder	mm	-	Ø40	-	Ø40	Ø40	
	Max. Speed	rpm	-	3000	-	3000	4500	
	Motor	kw	-	5.5/3.7	-	5.5/3.7	5.5/3.7	
	Tool Size		-	Dia. 20/M16	-	Dia. 20/M16	Dia. 20/M16	
	Drive System		-	Servo	-	Servo	Servo	
TRAVEL	X/Z/B Axis Rapid Traverse	m/min	30/-/30/-	30/-/30/-	30/-/30/-	30/-/30/-	30/-/30/24	
	X/Z/B Axis Stroke	mm	260/-/660/-	260/-/660/-	260/-/660/-	260/-/660/-	260/-/660/700	
	Cutting Feedrate	mm/rev	0.01~500	0.01~500	0.01~500	0.01~500	0.01~500	
TAILSTOCK	Tailsotck Travel	mm	700	700	700	700	-	
	Tailsotck Taper		MT#5	MT#5	MT#5	MT#5	-	
	Drive System		Hyd./Servo(Opt.)	Hyd./Servo(Opt.)	Hyd./Servo(Opt.)	Hyd./Servo(Opt.)	-	
MOTOR	Main Motor(50% ED)	kw	15/11	15/11	15/11	15/11	15/11	
	Sub Motor(50% ED)	kw	-	-	-	-	7.5/5.5	
	X/Z/B Servo Motor	kw	4.0/-/3.0/-	4.0/-/3.0/-	4.0/-/3.0/-	4.0/-/3.0/-	4.0/-/3.0/1.6	
	Coolant Motor	kw	1.5	1.5	1.5	1.5	1.5	
	Hydraulic Motor	kw	0.37	0.37	0.37	0.37	0.37	
MACHINE	L x W x H	mm	2940x1850x2140			2940x1850x2140		
	Weight	kg	4700	4700	5500	5500	5600	

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## Standard Accessories

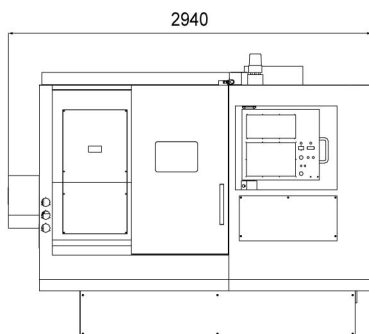
- Hydraulic Unit
- Coolant Unit
- Automatic Lubrication Unit
- Full-Enclosed Splash
- Chip Conveyor / Chips Tank
- Door Interlock Unit
- Spindle Load Meter
- Workpiece Counter

## Optional Accessories

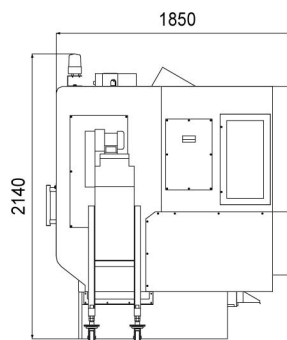
- Built-In Spindle(Ø130)
- Sub-Spindle
- Servo Turret(TQCT-KV)
- Power Turret(VDI 40)
- Transformer / Stabilizer
- Auto Door
- Q-Set
- Tool Life Management
- Bar Feeder
- Part Catcher
- Oil Separator / Oil & Mist Collector
- Air Blower Unit
- A/C For Electric Cabinet
- M CODE
- Auto Power Off

## Machine Dimensions

■ Front view



■ Side view



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