

VTC 200E

CNC Vertical Turning Center

- Maximum 2500mm(98.4") turning capacity
- 12 tons load capable table
- Full controlled C-axis and rotary spindle
- Automatic tool changing system up to 24 tools
- Quick change tooling system(CAPTO system)
- Heavy duty guide ways of box type
- Massive one-piece cast iron bed and column
- Induction-hardened and precise-ground guide ways
- Extra large 240mm square spheroidal-graphite-iron ram
- The saddle enclosing the ram is one-piece casting to keep the high rigidity



Machine Specifications

	항목	Items	Unit	VTC-200E
Capacity	최대 스윙	Maximum swing	mm(inch)	2500(98.4)
	최대 가공경	Maximum turning diameter	mm(inch)	2500(98.4)
	최대 가공높이	Maximum turning height	mm(inch)	2000(78.7)
	최대 가공물 중량	Maximum load on table	kg(lbs)	12,000(26,000)
Table	테이블 직경	Table diameter	mm(inch)	2000(79)
	테이블 회전속도	Table speed	rpm	1~200
	회전속도 변환수	Number of table speed range	step	Automatic 2
	최대 토크	Maximum torque	N·m(lb·ft)	40,403(29,800)
C-axis	최소 분할 각도	Minimum index deg.	deg.	0.001°
	절삭 이송속도	Cutting feed	deg/min	0~900
	최대 회전수	Maximum speed	rpm	2.5
Ram Head	램 단면크기	Ram cross section	mm(inch)	240×240(9.4×9.4)
	밀링주축 회전속도	Mill spindle speed	rpm	30~3000
	주축 테이퍼 규격	Spindle taper	-	ISO 7/24 No.50
	사용 공구수	No. of tool	EA	1
	사용공구 크기	Tool size	mm(inch)	□32(□11/4)
Travel & Feedrate	새들 좌우 이송거리(X축)	X-axis travel(Saddle cross)	mm(inch)	1500(59.1)
	램 상하 이송거리(Z축)	Z-axis travel(Ram vertical)	mm(inch)	1500(59.1)
	크로스레일 상하 이송거리(W축)	Crossrail vertical travel	mm(inch)	1000(39.4)
	X/Z축 절삭 이송속도	X/Z-axis cutting feedrate	mm/min(ipm)	Max.10,000(394)
	X/Z축 급 이송속도	X/Z-axis rapid traverse	mm/min(ipm)	10,000(394)
ATC	공구홀더 형식	Type of tool holder	-	MAS BT50
	매거진 공구 수납수량	Tool magazine capacity	set	24(Turn tool:12 / Mill tool:12)
	최대공구 중량	Maximum tool weight	kg(lbs)	50(110)
	Pull stud 형식	Type of pull stud	-	P50T-I
Motors	테이블 모터	Table motor	kW(Hp)	AC 45/55(60/73)
	밀링주축 모터	Mill spindle motor	kW(Hp)	AC 18.5/22(25/30)
	X축 서보 모터	X-axis servo motor	kW(Hp)	AC 7(9.3)
	Z축 서보 모터	Z-axis servo motor	kW(Hp)	AC 7(9.3)
	C축 서보 모터	C-axis servo motor	kW(Hp)	AC 9(12)
Machine Size	기계높이	Machine height	mm(inch)	7260(286)
	기계평면	Floor space (W×L)	mm(inch)	6280×4500(247×177)
	기계중량	Machine weight	kg(lbs)	45,000(99,200)
CNC System			-	FANUC 32i-A

Standard Accessories

- CNC controller (FANUC 32i-A)
- Table and servo drives and motors
- Heavy duty 4-jaw independent chuck
- Automatic tool changer system, 24-Tool (Turning 12-tool, Milling 12-tool)
- Table gears & bearings oil cooling unit
- C-axis scale
- Hydraulic power unit
- Automatic lubrication system for guides
- Coolant system
- Splash guard
- X-axis telescopic steel cover
- Work light
- Patrol lamp (Red, Yellow, Green)
- Levelling block
- Foundation bolt & nut
- Operating tool box & tool kits

Optional Accessories

- Through the tool coolant
- Chip conveyor & bucket
- NC power off
- C-axis scale
- Transformer
- Tool holders
- CAPTO Tool holder (C6)

Note: 본 카탈로그의 사양 및 구조는 품질향상을 위하여 예고없이 변경될 수 있습니다.
Specifications and features are subject to change without prior notice.



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