

Standard Configuration (Notes: "●"standard configuration, "○"option configuration, "※"Cannot be configured)

No.	Items	TC15	TC20L	TC25 II	TC30 II	TC35A	TC40A
1	Controller	SIEMENS 828D	FANUC Oi-TF	FANUC Oi-TF	FANUC Oi-TF	FANUC Oi-TF	FANUC Oi-TF
2	Hydraulic and lubrication system	●	●	●	●	●	●
3	Cutting cooling	●	●	●	●	●	●
4	Full enclosure	●	●	●	●	●	●
5	Hydraulic turret station	8	10	12	12	12	12
6	Soild hydraulic chuck	●	●	●	●	●	●
7	Tool holder	●	●	●	●	●	●
8	Tailstock with live quill	○	●	●	●	※	※
9	Tailstock with live sleeve	※	○	○	○	●	●
10	External chain type chip conveyer (side)	※	●	●	●	●	●
11	Standard accessories	●	●	●	●	●	●
12	Ground installation	●	●	●	●	●	●
13	Common maintenance tools	●	●	●	●	●	●
14	Soft jaw	●	●	●	●	●	●
15	3-color signal lamp, working light	●	●	●	●	●	●
16	Foot switch	●	●	●	●	●	●
17	Trolley	●	●	●	●	●	●

TC series option configuration table (Notes: "●"standard configuration, "○"option configuration, "※"Cannot be configured)

No.	Items	TC15	TC20L	TC25 II	TC30 II	TC35A	TC40A
1	Hollow hydraulic chuck	○	○	○	○	○	○
2	Hard jaw	○	○	○	○	○	○
3	Tailstock with live sleeve	※	○	○	○	●	●
4	Programmable tailstock	※	○	○	○	○	○
5	Power turret	※	※	○	○	○	○
6	Air conditioner	○	○	○	○	○	○
7	Hydraulic steady	※	※	○	○	○	○
8	Water gun	○	○	○	○	○	○
9	Air gun	○	○	○	○	○	○
10	Auto door	○	○	○	○	○	○
11	Auto window	○	○	○	○	※	※
12	Tool setter	○	○	○	○	○	○
13	Auto bar feeder	○	○	○	○	※	※
14	Chuck air blow	○	○	○	○	○	○
15	Coolant through tool (1-7Mpa)	○	○	○	○	○	○
16	Oil mist separator	○	○	○	○	○	○
17	Oil skimmer	○	○	○	○	○	○
18	Voltage regulator	○	○	○	○	○	○
19	External chain type chip conveyer (rear)	●	※	○	○	※	※



Ningbo Haitian Precision Machinery Co., Ltd.

H.Q.& Production Base1
No. 1688 Haitian road, Xiaogang, Beilun, Ningbo-315801, China.
Tel: +86-574-86182580/86182525
E-mail: hision@mail.haitian.com

Production Base2
No.235, Huangshan Road,Beilun District, Ningbo-315801 China.

Production Base3
No.188, Baodao Road, Lin`gang Industrial Zone, Changxing Island,
Dalian-116317 China.

Haitian Precision Machinery (HONGKONG) Co., Ltd.

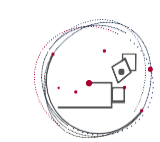
Office Address:
Unit,12/F, Seabright Plaza, 9-23 Shell Street, North Point, HONGKONG.

Website:
www.haitianprecision.com



CNC LATHE

TC15 / TC20L / TC25 II / TC30 II
TC35A / TC40A



TC / TC II

	Itens	Unid.	TC15	TC25L	TC25 II X 500	TC25 II X 1000	TC30 II X 500	TC30 II X 1000	TC30 II X 1500	TC35A X 1000	TC35A X 1500	TC35A X 2000	TC40A X 1500	TC40A X 2750
Área de trabalho	Passagem sobre o barramento	mm	Φ 440	Φ 420	Φ 560	Φ 560	Φ 650	Φ 650	Φ 650	Φ 700	Φ 700	Φ 700	Φ 800	Φ 800
	Volteio sobre o carro cruzado	mm	Φ 180	Φ 200	Φ 320	Φ 320	Φ 420	Φ 420	Φ 420	Φ 600	Φ 600	Φ 600	Φ 650	Φ 650
	Diâmetro máximo torneável	mm	Φ 180	Φ 320	Φ 400	Φ 400	Φ 500	Φ 500	Φ 500	Φ 630	Φ 630	Φ 630	Φ 800	Φ 800
	Comprimento máximo torneável	mm	200 (≤ Φ 180)	360 (≤ Φ 200)	548 (≤ Φ 320)	1000 (≤ Φ 320)	500 (≤ Φ 420)	1000 (≤ Φ 420)	1490 (≤ Φ 420)	1000 (≤ Φ 600)	1500 (≤ Φ 600)	2000 (≤ Φ 600)	1500 (≤ Φ 650)	2750 (≤ Φ 650)
	Diâmetro da placa	inch	5	6	8	8	10	10	10	12	12	12	15	15
	Diâmetro máximo da barra	mm	Φ 31 (Opt Φ 50)	Φ 31 (Opt Φ 50)	Φ 50 (Opt Φ 65)	Φ 50 (Opt Φ 65)	Φ 64 (Opt Φ 88)	Φ 64 (Opt Φ 88)	Φ 64 (Opt Φ 88)	Φ 88 (Opt Φ 113)	Φ 88 (Opt Φ 113)	Φ 88 (Opt Φ 113)	Φ 98	Φ 98
Cursos e Avanços	Cursos X/Z	mm	110/240	165/410	210/610	210/1050	260/580	260/1050	260/1550	345/1060	345/1560	345/2060	410/1570	410/2820
	Avanços Rápidos X/Z	m/min	30/30	24/30	24/30	24/30	16/20	16/20	16/20	16/20	16/20	16/16	12/12	12/12
Fuso Principal	Tipo do Fuso	-	Belt spindle	Belt spindle	Belt spindle	Belt spindle	Belt spindle	Belt spindle	Belt spindle	Belt spindle (Opt Gearbox)	Belt spindle (Opt Gearbox)	Belt spindle (Opt Gearbox)	Gearbox	Gearbox
	Máximo da rotação	rpm	5000	5000	4500	4500	3500	3500	3500	2500	2500	2500	2000	2000
	Potência do motor principal	kw	12/53	7,5/11	11/15	11/15	15/18.5	15/18.5	15/18.5	15/18.5	15/18.5	15/18.5	15/18.5	15/18.5
	Máximo do torque	Nm	61/269	58/110	140/250	140/250	245/400	245/400	245/400	485/600	485/600	485/600	Low 2434/3002 High 645/796	Low 2434/3002 High 645/796
	Nariz do Spindle	-	A2-5	A2-5	A2-6	A2-6	A2-8	A2-8	A2-8	A2-11	A2-11	A2-11	A2-11	A2-11
	Diâmetro do rolamento dianteiro	mm	Φ 80	Φ 80	Φ 100	Φ 100	Φ 120	Φ 120	Φ 120	Φ 150	Φ 150	Φ 150	Φ 170	Φ 170
Torre porta ferramentas	Tipo da torre	-	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
	Nº de posições da torre	-	8	10	12	12	12	12	12	12	12	12	12	12
	Dimensões da ferramenta stander	mm	20 x 20	20 x 20	25 X 25	25 X 25	25 X 25	24 X 25	25 X 25	32 X 32	32 X 32	32 x 32	32 x 32	32 x 32
	Diâmetro da barra de torneiar	mm	Φ 25	Φ 32	Φ 40	Φ 40	Φ 40	Φ 40	Φ 40	Φ 50	Φ 50	Φ 50	Φ 60	Φ 60
	Tempo de troca com fixação	s	0,45	0,50	0,55	0,55	0,58	0,58	0,58	0,65	0,65	0,65	0,85	0,85
Contra ponta	Tipo de contra ponta	-	/	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
	Curso da contra ponta	mm	/	220	410	730	410	730	1100	700	1200	1700	1100	2400
	Diâmetro da pinola	mm	/	Φ 70	Φ 100	Φ 100	Φ 100	Φ 100	Φ 100	Φ 130	Φ 130	Φ 130	Φ 160	Φ 160
	Curso da pinola	mm	/	80	120	120	120	120	120	120	120	120	150	150
	Cone da contra ponta	-	/	MT NO. 4	MT NO. 4 (Opt Dead MT NO. 4)	MT NO. 4 (Opt Dead MT NO. 4)	MT NO. 4 (Opt Dead MT NO. 4)	MT NO. 4 (Opt Dead MT NO. 4)	MT NO. 4 (Opt Dead MT NO. 4)	MT NO. 5 (Opt Dead MT NO. 4)	MT NO. 5 (Opt Dead MT NO. 4)	MT NO. 5 (Opt Dead MT NO. 4)	DEAD MT NO. 5	DEAD MT NO. 5
Motores dos eixos	Potência do motor dos eixos	kw	1.9/1.9	1.2/1.2	1.8/1.8	1.8/1.8	2.5/2.5	2.5/2.5	2.5/2.5	3.0/3.0	3.0/3.0	3.0/3.0	2.5/3.0	2.5/3.0
	Torque do motor dos eixos	Nm	8.5/8.5	7/7	11/11	11/11	20/20	20/20	20/20	20/20	20/20	20/20	20/27	20/27
Potência instalada	Potência instalada	KVA	30	20	25	25	30	30	30	35	35	35	35	35
Tanque de Refrigeração	Tanque de refrigeração	l	130	120	200	250	200	250	250	250	290	330	270	270
Tipo de comando	Tipo de comando	-	SIEMENS 828D	FANUC 01-TF	FANUC 01-TF	FANUC 01-TF	FANUC 01-TF	FANUC 01-TF	FANUC 01-TF	FANUC 01-TF	FANUC 01-TF	FANUC 01-TF	FANUC 01-TF	FANUC 01-TF
Dimensões da máquina	Comprimento	mm	1900	3300	4200	4600	4200	4600	5350	5400	5800	6400	6450	7600
	Largura	mm	1400	1700	2050	2050	2050	2050	2050	2200	2200	2350	2600	2850
	Altura	mm	1700	1800	1900	1900	2050	2050	2050	2200	2200	2400	2400	2600
	Peso	t	2	3.8	4.5	4.9	4.9	5.4	6.3	9	10.5	11	12.5	14.5

Note: The Max bar through diameter needs the option of hollow chuck & hollow cylinder.