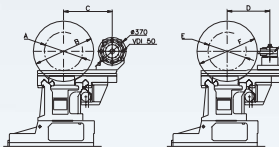
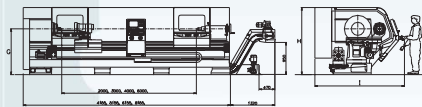


With 8-position toolturret (VDI 50)

With manual QC toolpost MULTIFIX D1



OVERALL DIMENSIONS FAT CNC TUR 800 / 930 / 1100 MN



	TYP	TUR 800	TUR 930	TUR 1100
A	mm (in)	520 (20.5)	630 (24.8)	790 (31.1)
B	mm (in)	820 (32.3)	950 (37.4)	1100 (43.3)
C	mm (in)	645 (25.4)	710 (28.0)	725 (28.5)
D	mm (in)	565 (22.3)	630 (24.8)	665 (26.2)
E	mm (in)	530 (20.9)	630 (24.8)	790 (31.1)
F	mm (in)	820 (32.3)	950 (37.4)	1100 (43.3)
G	mm (in)	1300 (51.2)	1425 (56.1)	1510 (59.5)
H	mm (in)	2000 (78.7)	2100 (82.7)	2250 (88.6)
I	mm (in)	2660 (104.7)	2800 (110.2)	2960 (116.5)

MACHINE SPECIFICATIONS

	TUR 800 MN	TUR 930 MN	TUR 1100 MN
CAPACITY			
Distance between centers (other lengths on special request)	mm (in)	2000 (79) - 3000 (118) - 4000 (157) - 6000 (236)	
Swing over bed	mm (in)	820 (32.3)	950 (37.4) 1100 (43.3)
Swing over saddle	mm (in)	520 (20.5)	630 (24.8) 790 (31.1)
SPINDLE			
Number of spindle ranges		2	2 2
Top spindle speed ranges (standard machines with 160 mm spindle bore)	rpm	E 4-300, M 200-1800	E 4-300, M 160-1200
Main drive motor power	kW (hp)	33 (45)	33 (45)
Main turning torque	Nm (lbf-ft)	4100 (3000)	4900 (3600)
Spindle nose Carburk	ISO50/50	Ø 111	
Spindle inner taper	mm (in)	150 (5.9)	150 (5.9)
Spindle bore	mm (in)	148 (5.8)	148 (5.8)
Front bearing	mm (in)	250 (9.8)	250 (9.8)
SADDLE			
Rapid travel Z-axis	m/min (fpm)	6 (23.2)	6 (23.2)
Rapid travel X-axis	m/min (fpm)	6 (23.2)	6 (23.2)
Feed force transverse	kN (lbf)	15 (3300)	15 (3300)
Feed force longitudinal	kN (lbf)	20 (4400)	20 (4400)
Carriage length bearing on bedways	mm (in)	810 (31.9)	810 (31.9)
Width of cross-slideways	mm (in)	360 (14.2)	360 (14.2)
Manual toolpost type standards	size	Ø1	
Automatic toolturret 8-pos.	DIN69880		VDR30 (VD850)
Automatic toolturret 4-pos.	DIN69881		NG 32 (NG 40)
TOLERANCE			
ØB diameter	mm (in)	125 (5.0)	125 (5.0) 125 (5.0)
ØB taper	size	MT 6	
ØB tolerance	mm (in)	300 (11.8)	300 (11.8) 300 (11.8)
GENERAL			
Width of bed	mm (in)	622 (24.5)	622 (24.5) 622 (24.5)
Total length of machine	mm (in)	4400 (173)	4400 (173) 4400 (173)
2000 mm h.z.	mm (in)	5400 (213)	5400 (213) 5400 (213)
3000 mm h.z.	mm (in)	6400 (252)	6400 (252) 6400 (252)
4000 mm h.z.	mm (in)	8400 (330)	8400 (330) 8400 (330)
Width of machine	mm (in)	2600 (102)	2800 (110) 2900 (114)
Height of machine	mm (in)	2000 (79)	2100 (83) 2250 (88)
Weight of machine (approx.)	kg (lbf)	7300 (16000)	7900 (17400) 8200 (18000)
2000 mm h.z.	kg (lbf)	8300 (18200)	8900 (19500) 9200 (20200)
3000 mm h.z.	kg (lbf)	9300 (20600)	9900 (21800) 10300 (22800)
4000 mm h.z.	kg (lbf)	11300 (24900)	11900 (26200) 12200 (26900)

Subject to alterations without prior notice.



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