

ALL **NEW** 5TH GENERATION

SERIES

EMPOWERED

INNOVATION



MX
SERIES

ONE NUMBER - MULTI SOLUTIONS



FOR SALES INQUIRIES & CUSTOMER CARE
7998-7998-16



TEXT

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MX 135 & 165 MACHINE CONFIGURATIONS

DESCRIPTION

UNIT

MX 135

MX 165

CAPACITY

Standard Turning Dia.	mm	Ø 170	Ø 170
Maximum Turning Dia.*	mm	Ø 200	Ø 200
Swing Over Bed	mm	Ø 350	Ø 350
Maximum Turning Length	mm	250	270
Distance Between Center	mm	300	310

SLIDES

Cross (X axis) Travel	mm	110	110
Longitudinal (Z axis) Travel	mm	250	270
Rapid Feed (X axis)	m/min	24	24
Rapid Feed (Z axis)	m/min	24	24

MAIN SPINDLE

Spindle Nose	—	A2-4	A2-5
Spindle Bore	mm	Ø 40	Ø 54
Max. Bar Capacity	mm	Ø 25	Ø 42
Chuck Size	mm	Ø 135 x 3 Jaw	Ø 165 x 3 Jaw
Speed Range	rpm	50 – 4000	50 – 4000
Full Power Range	rpm	1000 – 2333	1000 – 3000
Spindle Motor (Continues Rating)	KW	3.7 / 5.5	5.5 / 7.5
Spindle Motor (15min. Rating)	KW	3.7 / 5.5	5.5 / 7.5

TURRET

TYPE	—	BTP – 63	BTP – 63
Number of Stations	No.	8	8
Tool Size	mm	20 x 20	20 x 20
Max. Boring Bar Capacity	mm	Ø 32	Ø 32

TAIL STOCK

Quill Tapper	—	MT 4	MT 4
Quill Diameter	mm	Ø 70	Ø 70
Quill Stroke	mm	80	80

ACCURACY

Positioning Accuracy	mm	0.008	0.008
Repeatability	mm	0.007	0.007

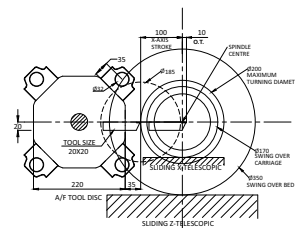
OTHER DATA

Weight (Approx.)	kg.	2300	2400
Dimensions (W x D x H)(Approx.)	mm	—	—

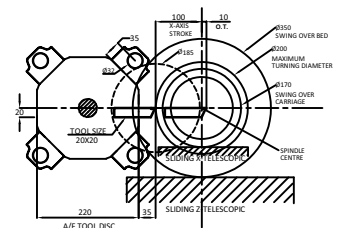
SYSTEM

Fanuc	—	OI TF PLUS	OI TF PLUS
Siemens	—	828 D	828 D

Tool Interference Diagram

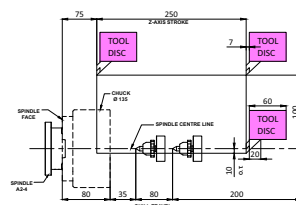


MX 135

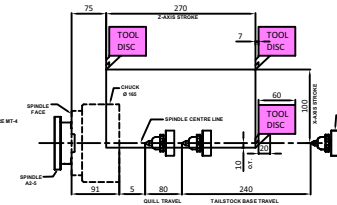


MX 165

Machining Range

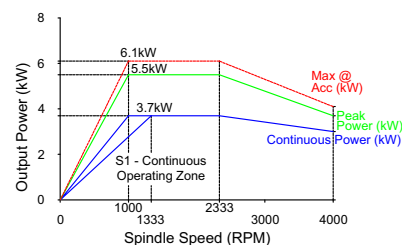


MX 135

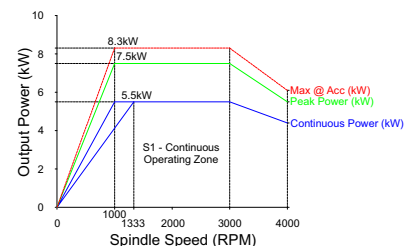


MX 165

Power Diagram



MX 135



MX 165

Components



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