

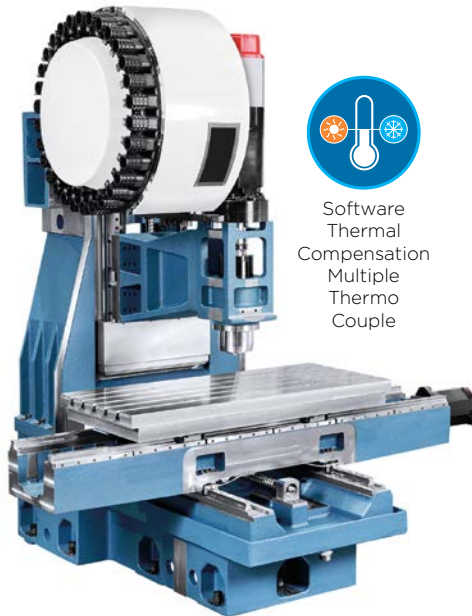


**NEW PREMIUM MACHINES**

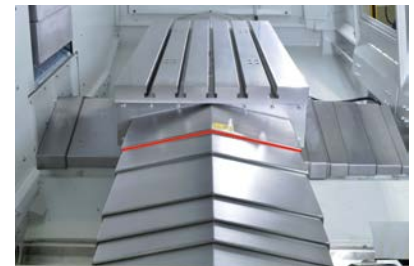
**ROMI D SERIES**



**FANUC Oi-MF  
i-HMI with 15”  
touch screen**  
(D 800, D 1000  
and D 1250)



Software  
Thermal  
Compensation  
Multiple  
Thermo  
Couple



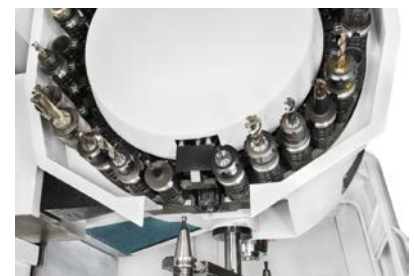
**Chip discharge**  
Sharp slope favouring chip  
removal



15,000 rpm  
Spindle Liquid  
Cooled

A robust spindle cartridge with ultra precision bearings enables excellent accuracy and minimal temperature increases of the bearings even when operating continuously in high rpm's

- Monoblock BASE made of cast iron, designed to absorb vibrations
- Linear Roller Guides
- Oversize doubled anchored pre-loaded nuts Ballscrews



**Automatic Tool Changer  
with 30 tools 40 BigPlus  
capacity**  
(ROMI D 800, D 1000  
and D 1250)

Technical Specifications		ROMI D 800(V5)	ROMI D 1000(V5)	ROMI D 1250(V5)	ROMI D 1500 (V4)
<b>Vertical headstock</b>					
Spindle taper	ISO	40	40	40	50
Speed range (version 10.000 rpm)	rpm	10 to 10,000	10 to 10,000	10 to 10,000	6 to 6,000
Speed range (version 15.000 rpm)	rpm	15 to 15,000	15 to 15,000	15 to 15,000	8 -10 -12 Krpm 40 taper Big Plus
<b>Feeds</b>					
Rapid traverse (X / Y / Z axes)	m/min (ipm)	40 (1,575)	40 (1,575)	40 (1,575)	30 (1,181)
Max. programmable cutting feed	m/min (ipm)	20 (787)	20 (787)	20 (787)	20 (787)
<b>Travels</b>					
Superior table travel (X axis)	mm (in)	800 (31.5)	1,020 (40)	1,270 (50)	1,530 (60)
Inferior table travel (Y axis)	mm (in)	610 (24)	610 (24)	610 (24)	760 (30)
Headstock travel (Z axis)	mm (in)	640 (25)	640 (25)	640 (25)	760 (30)
Distance from spindle nose to table	mm (in)	110 to 750 (4.3 to 30)	110 to 750 (4.3 to 30)	110 to 750 (4.3 to 30)	150 to 910 (5.9 to 36)
<b>Table</b>					
Surface	mm (in)	914 x 560 (36 x 22)	1,220 x 560 (48 x 22)	1,320 x 560 (52 x 22)	1,700 x 750 (67 x 30)
T-slot width x distance	mm (in)	18 x 89 (0.71 x 3.5)	18 x 89 (0.71 x 3.5)	18 x 89 (0.71 x 3.5)	18 x 110 (0.71 x 4.3)
Number of T-slots	un	5	5	5	7
Max. Weight on table (uniformly distributed)	kg (lbs)	900 (2,000)	1,000 (2,205)	1,400 (3,000)	1,800 (4,000)
<b>Automatic Tool Changer</b>					
Type		automatic arm	automatic arm	automatic arm	automatic arm
Tools capacity	un	30	30	30	24
Max. tool diameter	mm (in)	76 (3)	76 (3)	76 (3)	110 (4.3)
Max. tool diameter when adjacent stations are empty	mm (in)	127 (5)	127 (5)	127 (5)	200 (7.9)
Max. tool length	mm (in)	300 (11.9)	300 (11.9)	300 (11.9)	350 (13.8)
Tool holder type	type	BT / CAT / DIN	BT / CAT / DIN	BT / CAT / DIN	BT / BBT / CAT / DIN
Max. tool weight	kg (lbs)	7 (15)	7 (15)	7 (15)	15 (33)
Max. tool weight on ATC	kg (lbs)	150 (5.9)	150 (5.9)	150 (5.9)	150 (331)
Tool change time (tool to tool)	s	3,2	3,2	3,2	4.8
<b>CNC</b>					
Model		Fanuc Oi-MF i-HMI	Fanuc Oi-MF i-HMI	Fanuc Oi-MF i-HMI	Siemens 828D
<b>Installed power (10.000 rpm)</b>					
AC main motor	hp (kW)	25 / 18,5	25 / 18,5	25 / 18,5	30 / 22
Total installed power	kVA	35	35	35	45
<b>Installed power (15.000 rpm)</b>					
AC main motor	hp (kW)	20 / 15	20 / 15	20 / 15	-
Total installed power	kVA	40	40	40	-
<b>Dimension and weight (approx.)</b>					
Height**	mm (in)	3,140 (124)	3,140 (124)	3,140 (124)	3,280 (129)
Area (front x side)*	mm (in)	3,170 x 2,535 (125 x 100)	3,390 x 2,535 (133 x 100)	3,700 x 2,535 (146 x 100)	4,300 x 3,055 (169 x 120)
Machine net weight	kg (lbs)	6,600 (14,500)	6,900 (15,200)	7,000 (15,400)	13,000 (28,700)
Net weight (machine + optionals + piece)	kg (lbs)	9,700 (21,400)	9,900 (21,800)	10.400 (23,000)	

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