

ALL **NEW** 5TH GENERATION

SERIES



V 1166



VIBRANT
SERIES

ONE NUMBER - MULTI SOLUTIONS



FOR SALES INQUIRIES & CUSTOMER CARE

96-1098-1098

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V 1166 MACHINE CONFIGURATIONS

DESCRIPTION

CAPACITY

X Axis Travel	mm	1100
Y Axis Travel	mm	650
Z Axis Travel	mm	650
Rapid Feed Rates X/Y/Z Axis	m/min	30/30/30

Distance From Table

Top To Spindle Face	mm	140-790
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TABLE

Table Size (Clamping Area)	mm	600X1300
No./Width/cd Of T-slots	mm	5/18/100
Max Safe Load On Table	kg	1100

MAIN SPINDLE

Taper	-	BT 40 / BT 50
Speed	rpm	80-8000 / 60-6000
Cutting Feed Rate	mm/min	1-10000
Rated Power (fanuc)	.kw	11 / 15

AUTO TOOL CHANGER

Type	-	TWIN ARM
No. Of Tools	-	24 / 20
Tool Selection	-	RANDOM
Max. Tool Dia. (Pocket Full/empty)	mm	80/150, 125/200
Tool Length	mm	300/400
Tool Weight	kg	7/20

ACCURACY (AS PER JIS)

Positioning	mm	0.01
Repeatability	mm	0.007

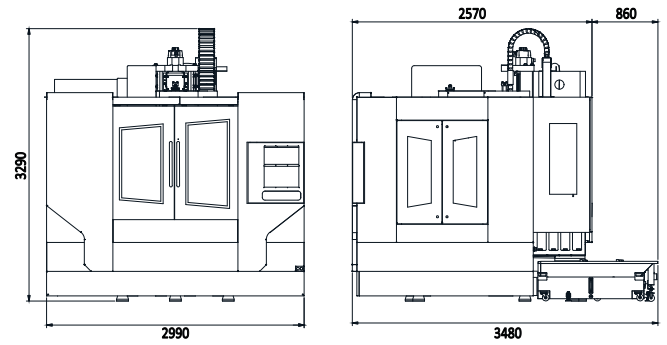
INSTALLATION DATA

Pneumatic Supply	bar	6
Machine Weight (Approx)	kg	7170 / 7860
Total Connected Load	kva	25
Power Supply	-	"AC 440 V, 50HZ, 3 PH."
Machine Dimensions (wxdxh) (Approx)	mm	2990 x 3480 x 3290 (BT 40)

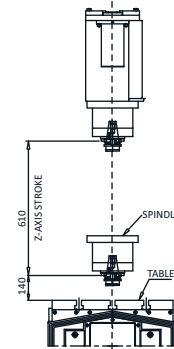
SYSTEM

Fanuc	-	OI MF PLUS (ADV MILL)
Siemens	-	828D
Mitsubishi	-	M80 V

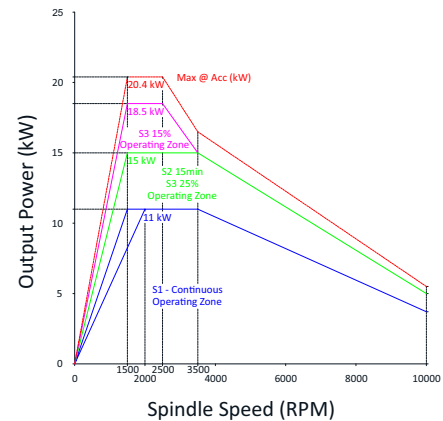
MACHINE DIMENSIONS



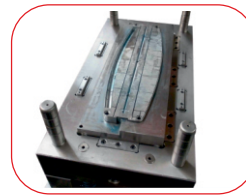
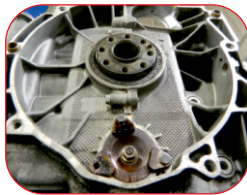
MACHINING RANGE



POWER DIAGRAM



COMPONENTS



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