



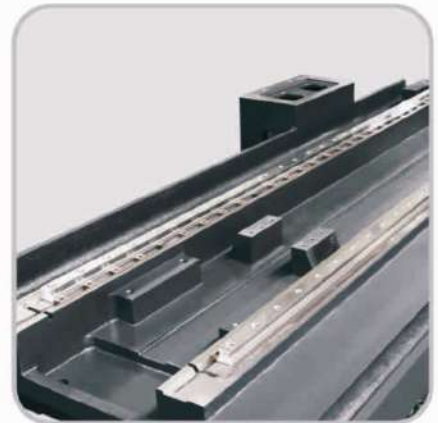
### VMC

DC - 2050 | 2250 | 3250 | 3550 | 4250  
GM - 4030 | 5030 | 6030

SPECIFICATION		DC - 2050	DC - 2250	DC - 3250	DC - 3550	DC - 4250
<b>TRAVELS</b>						
X - Axis	mm	2000	2250	3250	3500	4250
Y - Axis	mm	1250	1500	1500	2800	2760
Z - Axis	mm	700	800 (1000)	800 (1000)	800 (1000)	800 (1000)
Spindle Nose to Table	mm	150	200	200	200	200
Distance Between Two Columns	mm	1200	1600	1600	2600	2600
<b>TABLE</b>						
Length	mm	2000	2200	3000	3500	3500
Width	mm	900	1250	1250	2200	2200
Max. Weight on Table	kg.	2500	6000	8000	10000	10000
T - Slot Width	mm	6 x 18	9 x 18	9 x 18	12 x 12	12 x 12
T - Slot Center Distance	mm	125	125	125	160	160
<b>SPINDLE</b>						
Spindle Nose		BT 40	BT 50	BT 50	BT 50	BT 50
Speed Range	RPM	8000	6000	6000	6000	6000
Drive System		Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive
Front Bearing ID	mm	70	100	100	100	100
Spindle Motor Power Fanuc	kw	11/15	22/18.5	22/18.5	22/18.5	22/18.5
Spindle Motor Power Siemens	kw	12/15	32.3/21.5	32.3/21.5	32.3/21.5	32.3/21.5
<b>AXIS MOTORS</b>						
Rapid on Z Axis Box Guide	m/min.	15	15	15	15	15
Rapid on X & Y Axis	m/min.	20	20 & 20	15 & 15	15 & 15	15 & 15
Max Cutting Feed	m/min.	20	10	10	10	10
<b>AUTOMATIC TOOL CHANGER</b>						
Number of Tools		24	24	24	24	24
Max. Tool Dia. Standard (Full/Adj.Empty)	mm	89/125	125/250	125/250	125/250	125/250
Max. Tool Weight	kg.	7	15	15	15	15
Changer Type Standard		Arm Type	Arm Type	Arm Type	Arm Type	Arm Type
<b>ACCURACY</b>						
Positioning	mm/mtr	±0.02	±0.02	±0.02	±0.02	±0.02
Repeatability	mm	±0.01	±0.012	±0.012	±0.012	±0.012
Machine Weight	kg.	14500	26400	38400	34600	37000

# DOUBLE COLUMN Series

Vertical Machining Center



## GANTRY TYPE MACHINING CENTER

SPECIFICATION		GM-4030	GM-5030	GM-6030
<b>TRAVELS</b>				
X - Axis	mm	4100	5100	6100
Y - Axis	mm	3150	3150	3150
Z - Axis	mm	1000 (1520)	1000 (1250)	1000 (1250)
Spindle Nose to Table	mm	200	200	200
Distance Between Two Columns	mm	3000	3000	3000
<b>TABLE</b>				
	mm			102-462
Length	mm	4500	5100	6100
Width	mm	2500	2500	2500
Max. Weight on Table	kg.	20000	25000	25000
T - Slot Width	mm	9 x 18	9 x 18	12 x 22
T - Slot Center Distance	mm	125	125	160
<b>SPINDLE</b>				
Spindle Nose		BT 50	BT 50	50
Speed Range	RPM	6000	6000	6000
Drive System		Belt Drive	Belt Drive	Belt Drive
Front Bearing ID	mm	100	100	100
Spindle Motor Power Fanuc	kw	22/18.5	22/18.5	22/18.5
Spindle Motor Power Siemens	kw	32.3/21.5	32.3/21.5	32.3/21.5
<b>AXIS MOTORS</b>				
Rapid on Z Axis Box Guide	m/min.	15	15	15
Rapid on X & Y Axis	m/min.	15 & 15	15 & 15	15 & 15
Max Cutting Feed	m/min.	10	10	10
<b>AUTOMATIC TOOL CHANGER</b>				
Number of Tools		24	24	24
Max. Tool Dia. Standard (Full/Adj.Empty)	mm	125/250	125/250	125/250
Max. Tool Weight	kg.	15	15	15
Changer Type Standard		Arm Type	Arm Type	Arm Type
<b>ACCURACY</b>				
Positioning	mm/mtr	±0.02	±0.02	±0.02
Repeatability ±	mm	±0.01	±0.01	±0.01
Machine Weight	kg.			



AUTO-90-DEGREE-INDEXING HEAD BT-50



MANUAL-INDEXING HEAD