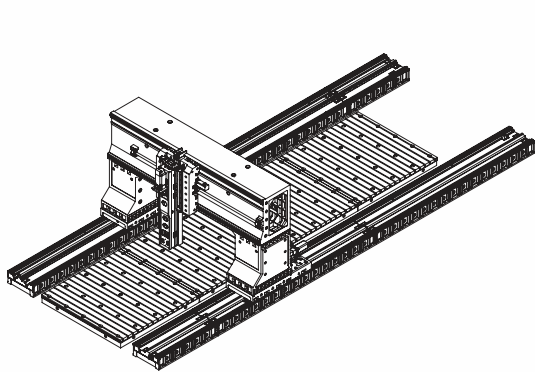
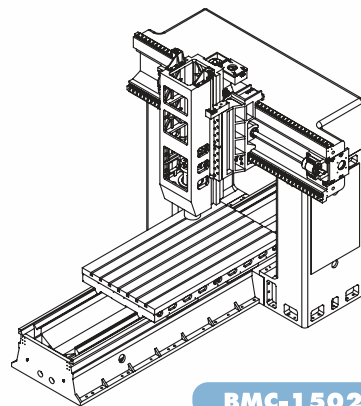


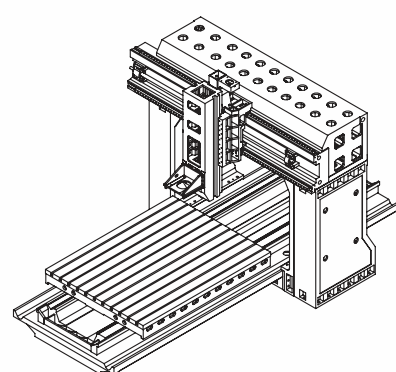
BMC AND GMC SERIES



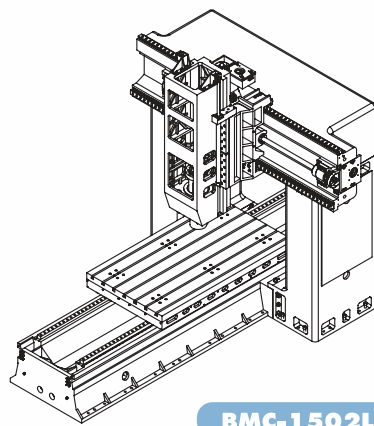
GMC-50 Series



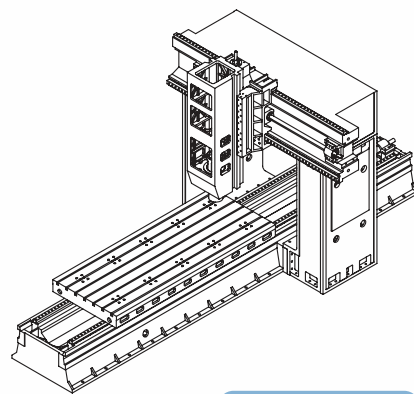
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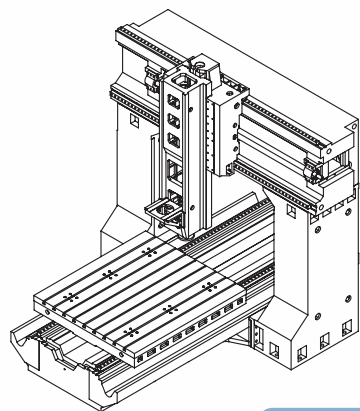
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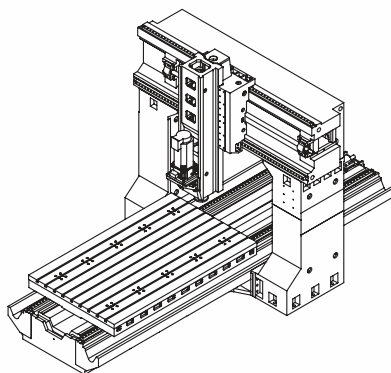
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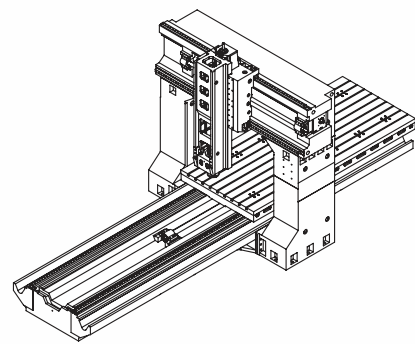
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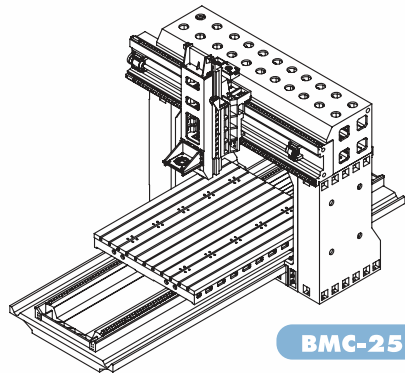
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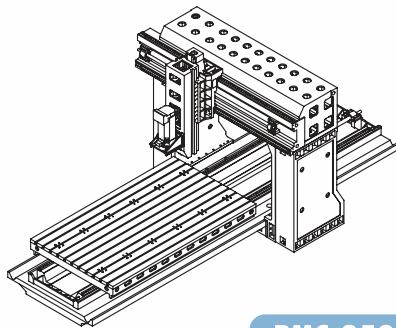
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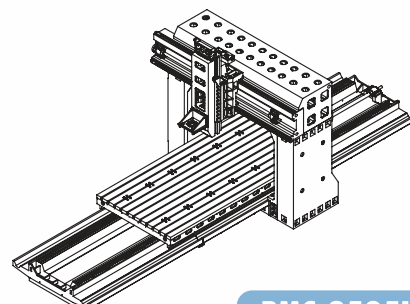
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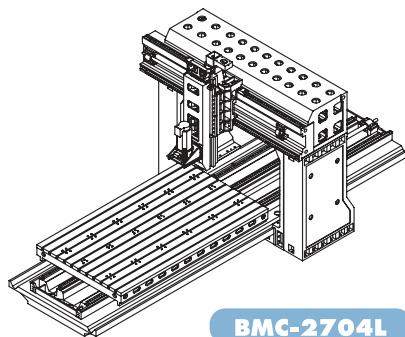
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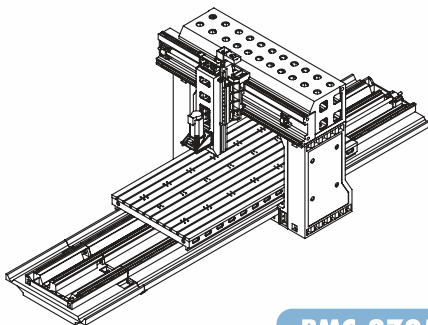
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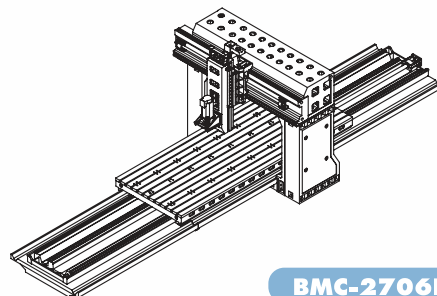
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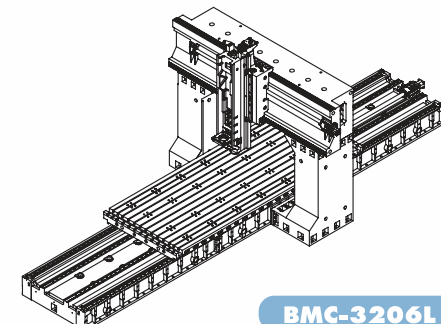
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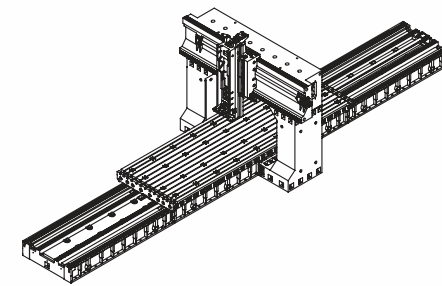
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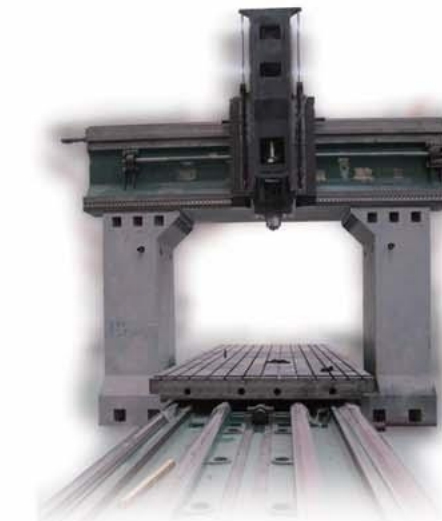
BMC-2706L



BMC-3206L



BMC-3208L



BMC SERIES BRIDGE TYPE MILLING MACHINE FRAMES

X&Y Linear Slideway and Z Friction Slideway Bridge Type

unit:mm

SPECIFICATION	BMC-1502L(1503L)	BMC-2202L	BMC-2203L(2204L/2205L)	BMC-2206L	BMC-2503L(2504L/2505L)
Table Size	1200x2100(3000)	1800x2000	1800x3000(4000/5000)	1800x6000	2300x3000(4000/5000)
Travel	X	2000(3000)	2200	6200	3000(4000/5000)
	Y	1650	2200	2200	2700
	Z	800	1000	1000	1000
Distance Between Columns	1650	2200	2200	2200	2700
Spindle Nose to Table Surface	115-915	250-1250	250-1250	250-1250	260-1260
T-solt(QTY/size/distance)	7/22/170	9/22/180	9/22/180	9/22/180	11/28/200
Spindle Taper/outside dia	BT50/190	BT50/200	BT50/200	BT50/200	BT50/190
Spindle Speed (MAX)	With Gear Box	3000rpm	3000rpm	3000rpm	3000rpm
	With ZF Gear Box	6000rpm	6000rpm	6000rpm	6000rpm
	Standard	6000rpm(Direct Drive)	4000rpm	4000rpm	4000rpm(Direct Drive)
X axis Ball Screw Spec.	63/10	63/10	80/16	80/20	80/16
Y axis Ball Screw Spec.	50/10	63/10	63/10	63/10	63/16
Z axis Ball Screw Spec.	50/10	50/10	50/10	50/10	50/10
X slideways Spec.	Roller and heavy load	Roller and heavy load	Roller and heavy load	Roller and heavy load	Roller and heavy load
Y linear slideways Spec.	Roller and heavy load	Roller and heavy load	Roller and heavy load	Roller and heavy load	Roller and heavy load
Z slideways Spec.	Box way	Box way	Box way	Box way	Box way
X,Y&Z Motor Connection	Belt and Pulley	Belt and Pulley	Belt and Pulley	Belt and Pulley	Belt and Pulley
Spindle motors recommended	22Kw	22Kw	22Kw	22Kw	30Kw
Drive motors recommended X/Y/Z	40/30/30Nm	40/30/30Nm	40(50/50)/30/30Nm	60/30/30Nm	40(70/100)/40/40Nm
Table Work Load	3000(5000)Kg	4000Kg	6000(10000/12000)Kg	15000Kg	8000(12000/15000)Kg
Net Weight	25000(28000)Kg	30000Kg	35000(40000/36000)Kg	42000Kg	43000(48000/53000)Kg

X&Y Linear Slideway and Z Friction Slideway Bridge Type

SPECIFICATION	BMC-2704L(2705L/2706L)	BMC-2903L(2904L/2905L/2906L)	BMC-3206L(3208L)	BMC-4208L(4210L/4212L)
Table Size	2300x4000(5000/6000)	2500(2300/2300/2500)x4000(4000/5000/6000)	2500x6400(8000)	3200x8000(10000/12000)
Travel	X	4000(5000/6200)	6200(8200)	8000(10000/12000)
	Y	2700	2900	4200
	Z	1000	1000	1500
Distance Between Columns	2700	2900	3200	4200
Spindle Nose to Table Surface	260-1260	260-1260	350-1600(300-1550)	350-1850 (Option:200-1700 when configure the H&V milling head with dual output)
T-solt(QTY/size/distance)	11/28/200	11/28/200	9/28/200(middle),2/28/160(two sides)	15/28/200
Spindle Taper/outside dia	BT50/190	BT50/190	BT50/200	BT50/230 (short nose)
Spindle Speed (MAX)	With Gear Box	3000rpm	3000rpm	3000rpm
	With ZF Gear Box	6000rpm	6000rpm	3000rpm
	Standard	4000rpm(Direct Drive)	3000rpm(Direct Drive)	3000rpm
X axis Ball Screw Spec.	80/20	80/20	100/20	Pinion and Rack
Y axis Ball Screw Spec.	63/16	63/16	80/20	80/20
Z axis Ball Screw Spec.	50/10	50/10	63/16	63/16
X slideways Spec.	Roller and heavy load (3PCs)	Roller and heavy load (3PCs)	Spherical guide (4PCs)	Roller and heavy load(4PCs)
Y linear slideways Spec.	Roller and heavy load	Roller and heavy load	Roller and heavy load	Roller and heavy load
Z slideways Spec.	Box way	Box way	Box way	Box way
X,Y&Z Motor Connection	X(Direct),Y&Z(Belt and Pulley)	Belt and Pulley	X&Y(Direct),Z(Belt and Pulley)	X (Pinion and Rack), Y&Z (Belt and Pulley)
Spindle motors recommended	22Kw	22Kw	30Kw	37-50Kw
Drive motors recommended X/Y/Z	60/30/40Nm	60(40/60/60)/30/40Nm	60(75)/40/40Nm	100(120/160)/40/40Nm
Table Work Load	16000(18000/20000)Kg	16000(12000/18000/20000)Kg	20000(30000)Kg	40000(45000/50000)Kg
Net Weight	50000(60000/70000)Kg	50000(42000/50000/70000)Kg	76000(92000)Kg	110000(125000/150000)Kg

Column moving type

SPECIFICATION		GMC-5016L(5020L/5024L/5028L/5032L)
Table Size		4000x16000(20000/24000/28000/32000)
Travel	X	16000(20000/24000/28000/32000)
	Y	5600(valid travel:5000)
	Z	1500
Distance Between Columns		5000
Spindle Nose to Table Surface		400-1900
T-solt(QTY/size/distance)		15/36/250
Spindle Taper/outside dia		BT50/230
Spindle Speed (MAX)	With Gear Box	
	With ZF Gear Box	2500rpm
	Standard	2500rpm(Direct Drive)
X axis Ball Screw Spec.		Pinion and Rack
Y axis Ball Screw Spec.		80/20 (Nut rotating)
Z axis Ball Screw Spec.		63/16
X slideways Spec.		Spherical guide (4PCs)
Y linear slideways Spec.		Roller and heavy load
Z slideways Spec.		Box way
X,Y&Z Motor Connection		X (Pinion and Rack), Y&Z (Belt and Pulley)
Spindle motors recommended		37Kw
Drive motors recommended X/Y/Z		60/40/40Nm
Table Work Load		5000Kg/m ²
Net Weight		180(210/240/270/300)T

Y Linear Slideways and X&Z Friction Slideway Bridge Type

SPECIFICATION	BMC-1502	BMC-1503	BMC-2503
Table Size	1200x2100	1200x3000	2300x3000
Travel	X	2000	3000
	Y	1650	2700
	Z	800	1000
Distance Between Columns	1650	1650	2700
Spindle Nose to Table Surface	175-975	175-975	280-1280
T-solt(QTY/size/distance)	7/22/170	7/22/170	11/28/200
Spindle Taper/outside dia	BT50/190	BT50/190	BT50/190
Spindle Speed (MAX)	With Gear Box	3000rpm	3000rpm
	With ZF Gear Box	6000rpm	6000rpm(Belt Drive)
	Standard	6000rpm(Direct Drive)	4000rpm(Direct Drive)
X axis Ball Screw Spec.	63/10	63/10	80/16
Y axis Ball Screw Spec.	50/10	50/10	63/16
Z axis Ball Screw Spec.	50/10	50/10	50/10
X slideways Spec.	Double V Shape way	Double V Shape way	One V & One FlateShape way
Y linear slideways Spec.	Roller and heavy load	Roller and heavy load	Roller and heavy load
Z slideways Spec.	Box way	Box way	Box way
X,Y&Z Motor Connection	Belt and Pulley	Belt and Pulley	Belt and Pulley
Spindle motors recommended	22Kw	22Kw	30Kw
Drive motors recommended X/Y/Z	40/30/30Nm	40/30/30Nm	60/40/40Nm
Table Work Load	3000Kg	5000Kg	10000Kg
Net Weight	25000Kg	28000Kg	43000Kg

Machine Feature:

1. High-class casting processed by resin sand and wood mould
2. Top class imported ball screws sets, linear guide, pinion-rack,gear box and bearing
3. Imported Spindle and Tool clamping system
4. Stainless steel telescopic protection on X axis
5. Bellow type protection on Y axis
6. Centralized maintenance-free automatic lubrication system
7. Hydraulic counter balance system on Z axis
8. Friction coated by Turcite-B with precise scraping