

QUICK.
QUIET.
STABILIZED.

YOUR BEST PARTNER

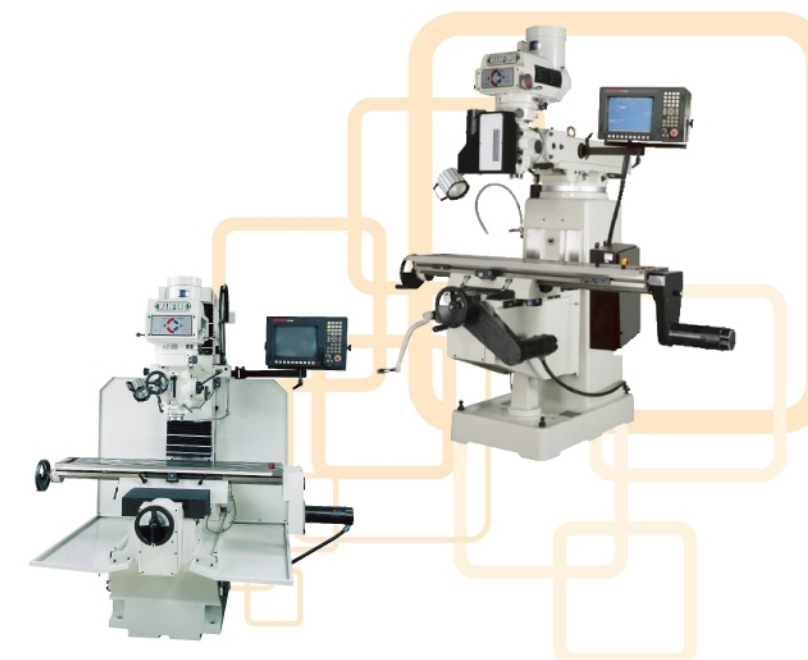


Agent/Distributor:

CNC MILLING MACHINE

● **CV400/520**

● **CB170/180/185**



YOUR BEST PARTNER....

CNC MILLING MACHINE

- 10"x 54" table
- 3HP spindle motor
(3HP inverter motor by option)
- NST#30 or R8 spindle
(NST#40 spindle by option)
- Turcite-B coated on XY& gibs
- Hardened & ground on XY slideways & table
- Ballscrews for XY axes
- X & Y axis motor mounting brackets



5000 rpm EVS motor

3HP inverter motor/
driver by option (Variable
speed head is standard).

CV400

CV400-3A
Z-axis quill drive
including ballscrew

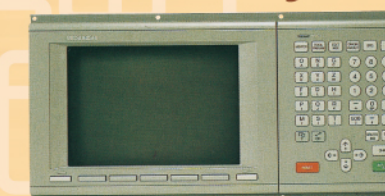


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Adaptable CNC control system



ANILAM



MITSUBISHI



FANUC



5HP inverter motor/driver by
option(Variable speed head is
standard).

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CV520

- 10"x 54" table
- 5HP spindle motor
(5HP inverter motor by option)
- NST#40 spindle
- Turcite-B coated on XY& gibs
- Hardened & ground on XY slideways & table
- Square way on Y& column
- Grinding on table T-slot
- Dia. 1-1/2"(38mm) lifting screw
- Ballscrews for XY axes



1HP lifting motor on
knee up-down(Optional)

YOUR BEST PARTNER....

CNC MILLING MACHINE

- 12"x 58" table
- 5HP inverter motor
- NST#40 spindle
- Turcite-B coated on XY ways & gibs
- Hardened & ground on XY slideways & table
- X & Y axis motor mounting brackets
- X, Y & Z axis precision ballscrew
- Standard with auto lubrication system, coolant system, coolant tray & column splash guard.
- Table guarding by option.



Extra length of head bracket



Column & bed rigid fixed with six set screws

YOUR
BEST PARTNER**CB185**QUICK.
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STABILIZED.**CB170/180**

- 10"x 54" table
- 3HP spindle motor, 3HP inverter motor by option(CB170)
- 5Hp inverter motor by option, 5HP spindle motor(CB180)
- NST#30 or R8 spindle(CB170)/ nst#40 spindle (CB180/CB185)
- Turcite-B coated on XY& ways gibs
- Hardened & ground on XY slideways & table
- Square way on Y& column
- Grinding on table T-slot
- XYZ axis precision ballscrew

YOUR BEST PARTNER

CV400/520

ACCESSORIES/MODEL	CV400	CV520
Tools&tool box	○	○
XY precision ground ball screw	○	○
Leveling screws&plates	△	○
Limit switch&home switch	△	△
Auto lubrication	○	○
Quartz work light	○	○
Coolant system	○	○
Coolant tray	○	○
Air power drawbar	△	△
5000 rpm EVS spindle head	△ (3HP)	△ (5HP)
Inverter driver	△	△
XY motor mounting brackets (Timing belt box)	○	○
Z-axis quill drive casting (including ballscrew)	○ (3A)	○ (3A)
Lifting motor & electric control box	×	△

○ Standard △ Option × Not Available

SPECIFICATION/MODEL	CV400		CV520	
Unit	Metric	Inch	Metric	Inch
Table size	1370x250mm	54"x10"	1370x250mm	54"x10"
T-slot No. x Size	3x15.875mm	3x5/8"	3x15.875mm	3x5/8"
Longitudinal travel	830mm	32-5/8"	830mm	32-5/8"
Cross travel	380mm	15"	405mm	16"
Travel of Knee	355mm	14"	378mm	14-7/8"
Travels of Z axis (Quill)	127mm	5"	127mm	5"
Ram travel	560mm	22"	560	22"
Table to spindle nose	150~505mm	5-7/8"~9-7/8"	150~528mm	5-7/8" ~ 20-3/4"
Over swivel on turret	360°		360°	
Head swivel (R & L)	45°		45°	
Head tilt (Up & down)	45°		Nil 45° by option	
Spindle to column	159~719mm	6-1/4"~28-1/4"	168~730mm	6-5/8"~28-3/4"
Spindle motor	3HP		5HP	
Spindle taper	NST#30 (NST#40 by option)		NST#40	
Quill feeds	0.04~0.08~0.14mm	0.0015~0.003~0.0055"	0.04~0.08~0.14mm	0.0015~0.003~0.0055"
Spindle speeds (rpm)	60HZ 60~4500rpm		60HZ 60~4500rpm	
	50HZ 50~3800rpm		50HZ 50~3800rpm	
Overall height	2120mm	83-1/2"	2375mm	93-1/2"
Overall depth	1850mm	72-7/8"	1850mm	72-7/8"
Overall width	☆1900mm	74-3/4"	☆1900mm	74-3/4"
Net weight (Approx.)	1400 Kgs	3080 Lbs	1800 Kgs	3960 Lbs
Longitudinal/Cross Feed rates	0~3000mm/min	(0~120"/min)	0~3000mm/min	(0~120"/min)
Rapid traverse on XY	4500mm/min	(180"/min)	4500mm/min	(180"/min)

☆ The width is different according to different models of servo motors.
We reserve the right to modify and improve the specification without notice. The specification shown above are for reference only.

CB170/180/185

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ACCESSORIES/MODEL	CB-170	CB-180	CB-185
Air power drawbar	△	△	△
5000 rpm EVS spindle head	△ (3HP)	△ (5HP)	○ (5HP)
XYZ precision ground ball screw	○	○	○
Auto lubrication	○	○	○
Quartz work light	○	○	○
Coolant system	○	○	○
Coolant tray	○	○	○
Column splash guard	○	○	○
Table guarding	△	△	△
Limit switch&home switch	○	○	○
Leveling screws&plates	○	○	○
Tools&tool box	○	○	○

○ Standard △ Option × Not Available

SPECIFICATION/MODEL	CB170		CB180		CB185	
Unit	Metric	Inch	Metric	Inch	Metric	Inch
Table size	1370x250mm	54"x10"	1370x250mm	54"x10"	1470x305mm	58"x12"
T-slot No. x Size	3x15.875mm	3x5/8"	3x15.875mm	3x5/8"	3x15.875mm	3x5/8"
Longitudinal travel	830mm	32-5/8"	830mm	32-5/8"	985mm	38-3/4"
Cross travel	500mm	19-5/8"	500mm	19-5/8"	450mm	17-3/4"
Vertical travel	450mm	17-3/4"	450mm	17-3/4"	450mm	17-3/4"
Travels of Z axis (Quill)	127mm	5"	127mm	5"	127mm	5"
Table to spindle nose	100~550mm	3.9"~21.6"	100~550mm	3.9"~21.6"	100~530mm	3.9"~20.8"
Head swivel (R & L)	45°		45°		45°	
Spindle motor	3HP (Variable speed head)		5HP (Variable speed)		5HP inverter motor	
Spindle taper	NST#30 (NST#40 by option)		NST#40		NST#40	
Quill feeds	0.04~0.08~0.14mm	0.0015~0.003~0.0055"	0.04~0.08~0.14mm	0.0015~0.003~0.0055"	0.04~0.08~0.14mm	0.0015~0.003~0.0055"
Spindle to column	465mm	18-1/4"	500mm	19-5/8"	500mm	19-5/8"
Spindle speeds (rpm)	60HZ	60~4500rpm	60HZ	60~4300rpm	75~5000rpm	
	50HZ	50~3800rpm	50HZ	50~3600rpm		
Overall height (C)	2550mm	100-3/8"	2580mm	101-3/8"	2600mm	102-3/8"
Overall depth (A)	2200mm	86-5/8"	2200mm	86-5/8"	2200mm	86-5/8"
Overall width (B) ☆	1900mm	74-3/4"	1900mm	74-3/4"	1900mm	74-3/4"
Net weight (Approx.)	2000 Kgs	4400 Lbs	2100 Kgs	4600 Lbs	2300 Kgs	5000 Lbs
Longitudinal/Cross Feed rates	0 ~ 3000mm/min (0 ~ 120"/min)					
Rapid traverse on XY	5000mm/min (180"/min)					

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