

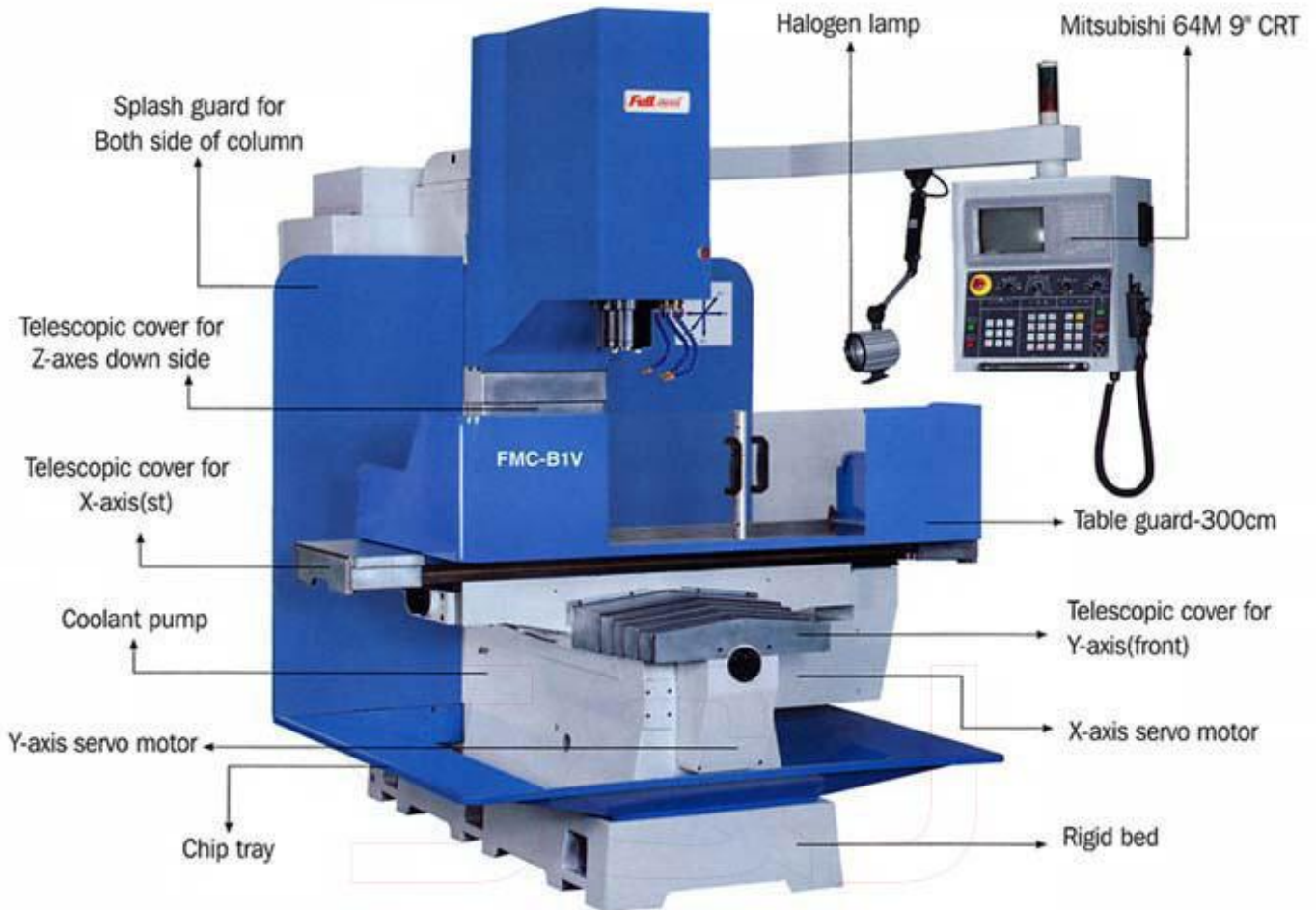
Fulland

**A NEW GENERATION OF MANUAL AND
CNC HEAVY DUTY MILLING MACHINES**

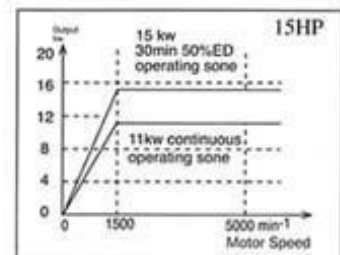
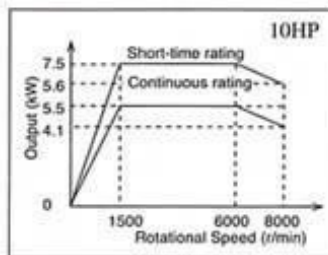
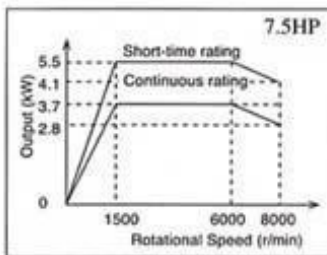
CE



FMC-B6V



SPINDLE MOTOR TORQUE CURVE



HEAD FEATURES





K. A.T.C.(ARMLESS Type)
Tool to Tool (7sec)



Q. Movable Electronic Handwheels
for with ATC



R. Spindle Cooling System



S. Vertical stand controller



Pneumatic boosting cylinder



Air power drawbar



T. Full Guarding



U. Table Guard-600cm

Machine Structure and Accuracy inspection



0.01mm/127mm(0.0004"/5")
The Accuracy of Travel of
Main Spindle Quill



Machine Body and Working
table



The Structure of Saddle and
Working Table



0.015/500mm(0.0006"/20")
Parallelism of Table
Movement In-x-axis



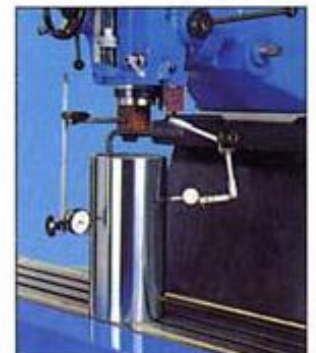
0.005mm(0.00016")
Spindle Runout



Auto Lubrication System



0.018/305mm(0.0007"/12")
Parallelism of Table
Movement In Y-axis



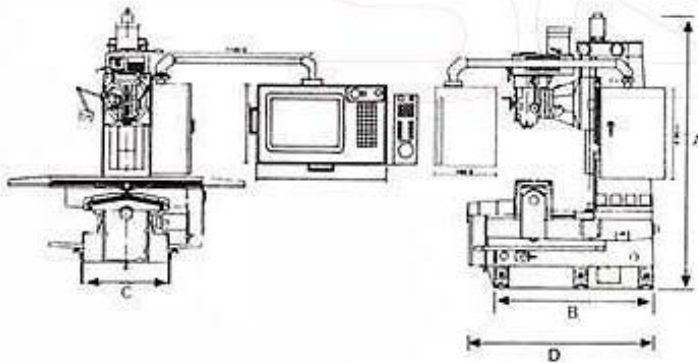
0.01/127mm(0.0004"/5")
Squareness of Spindle
Movement in Z-axis

SPECIFICATION

CNC MILLING MACHINE SPECIFICATIONS					
Description	UNIT	FMC-B1V(L)	FMC-B2V(L)	FMC-B4V(L)	FMC-B6V(L)
Table Size	mm	1372x305	1370x400	1702x410	1880x410
T-Slot(PxNo.)	mm	16 x 3	16 x 3	18 x 4	18 x 4
Max. Table load	Kgs	500	700	1000	1200
Longitudinal travel-X	mm	760	1000	1200	1500
Cross travel-Y	mm	500	500	600	650
Vertical-z	mm	500	500	600	600
Spindle end to table	mm	140-640(100-600)	140-640(100-600)	140-740	140-740
Spindle center to column	mm	510	510	650	660
Spindle taper		B140 (NT40)	B140 (NT40)	B140 (NT40)	B140 (NT40)
Spindle motor	HP	7 1/2 (5)	7 1/2 (5)	10 (7 1/2)	10 (7 1/2)
Spindle speed (Variable Frequency Motor)	rpm	60-6000 (L:60-520) (H:521-4200)	60-6000 (L:60-520) (H:521-4200)	60-6000 (L:60-520) (H:521-4000)	60-6000 (L:60-520) (H:521-4000)
Spindle travel	mm	(125)	(125)	(140)	(140)
Spindle transmission type				Belt	
Rapid traverse movement	mm/min	5000	5000	10000	10000
X,Y,Z axes Ball screws- Dia meter x pitch-Class	mm	32 x 5-C5	32 x 5-C5	40 x 10-C5	40 x 10-C5
Coolant pump	HP	1/8	1/8	1/4	1/4
Power Supply Required	KVA	10	10	15	15
Net/Gross weight	Kgs	2800/3000	3000/3200	5000/5300	5200/5500
Packing Size	mm	2450x2000x2400	2700x2000x2400	3900x2600x2580	4400x2600x2580

*All specifications and designs are subject to change without notice.

DIMENSION



MODEL	FMC-B1V	FMC-B2V	FMC-B4V	FMC-B6V
A	2350	2700	2600	2600
B	1465	1480	1550	1550
C	680	600	1000	1000
D	1550	2000	1900	1900

STANDARD ACCESSORIES:

1. Allen-wrench	1 piece	2. Box end wrench	1 piece
3. Screw Driver Cross	1 piece	4. Philips Screw Driver	1 piece
5. Leveling Blocks & Screws	1 set	6. Tool Box	1 piece
7. Telescopic cover for X & Y-axes	1 piece	8. Table guard-300cm	1 piece
9. Work lamp	1 piece	10. Coolant pump	1 piece
11. Chip tray	1 piece	12. Splash guard	1 set

OPTIONAL CONTROLS:

Anilam, Fagor, Fanuc, Heidenhain, Mitsubishi, Siemens.

FULLAND MACHINERY CO., LTD.

