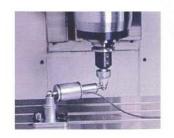


ECONOMICAL TYPE VERTICAL MACHINING CENTER

THE MOST ECONOMICAL, HIGH EFFICIENCY UNIT FOR MOLD MAKING AS WELL AS VERSATILE MACHINING, TOOL ROOM, DEVELOPMENT AND MAINTENANCE.







FMC-850LG(E)

Economical Type Vertical Machining Center

- Hardened & ground C3 grade ballscrews pre-tensioned to minimize backlash, providing high precision movement and reducing heat deformation on all axes.
- Essential castings are made of high grade of meehanite cast iron, which has been stressed relieved to provide a rigid machine structure. This guarantees the maximum precision and vibration absorption.
- Telescopic steel way covers on three axes protect ways and ballscrews from chips and coolant.
- High grade Turcite-B is coated and with precision handscrapping, giving maximum wear resistance.
- Axis motors are direct coupled with ballscrews, featuring high efficient motion control high response, and low noise.



PINIC-UTU(L)

Machine frame constuction

Economical Type Vertical Machining Center



The Linear Motion Guideways feature low friction and free from stick-and-slip problem, such the characteristics is especially suitable for high speed 3D cutting and finishing. The quality of workpiece surface is increased; the need of manual polishing workpiece surface is reduced.



Axis motors are direct coupled with ball screws, featuring high efficient motion control, high response and low noise.



▲ FMC-850LG(E)

Machine frame construction

- Meehanit Cast Iron
- Stress relieved, deformation free -
 - High damping coefficient -
- Designed with Finite Element Method -
 - Oil-coolant separation structure -

SPECIFICATIONS

TABLE Working surface 710 x 350mm 950 x 500mm (27-15/16"x13-3/4") (37-3/8"x19-11/16") T-slots (size x number) 16mm x 5 (0.630" x 5) (0.709" x 5) Max. table load 350kgs (772 lbs) 600kgs (1323 lbs) TRAVEL Longitudinal travel (X axis) 610mm (24") 850mm (33-1/2") Vertical travel (Y axis) 350mm (13-13/16") 510mm (20") Vertical travel (Z axis) 460mm (18-1/8") 510mm (20") Distance from spindle end to table 100-560mm(3-15/16"-22") 140-650mm(5-1/2"-25-9/16") Distance from spindle center to column 430mm (16-15/16") 556mm (21-7/8") SPINDLE Spindle nose taper 8T40 8000 r.p.m.; belt (or 10N40 / CAT40, opt.) (or 10N40 / CAT40, opt.) Spindle speeds 8000 r.p.m.; belt (or 10000-15000 r.p.m., opt.) (or 10000-15000 r.p.m., opt.) FEED Cutting feed rate (X, Y, Z axes) 15 m/min. (max.) 36 m/min. (max.) Rapid traverse (Z axis) 15 m/min. (max.) 36 m/min. (max.) ATC Tool storage capacity 10 pcs (carrousel) (or 20pcs (carrousel) / 24pcs (arm), opt.) (or 20pcs (carrousel) / 24pcs (arm), opt.) Max. tool weight 6 kgs (13-23 lbs) Max. tool weight 8 madorm BT-40 Pull stud bolt MAS-P40T-1 MOTOR Spindle motor (AC servo) 3.7 / 5.5 kW 5.5 / 7.5 kW X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 kW Coolant pump motor 3/4HP DIMENSION Machine size 1880x1720x1987 mm 2600x230x2685 mm (74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")	MODEL	FMC-610(E)	FMC-850LG(E)
C27-15/16"x13-3/4")	TABLE		
T-slots (size x number) 16mm x 5	Working surface	710 x 350mm	950 x 500mm
(0.630" x 5) (0.709" x 5)		(27-15/16"x13-3/4")	(37-3/8"x19-11/16")
Max. table load 350kgs (772 lbs) 600kgs (1323 lbs) TRAVEL Longitudinal travel (X axis) 610mm (24") 850mm (33-1/2") Cross travel (Y axis) 350mm (13-13/16") 510mm (20") Vertical travel (Z axis) 460mm (18-1/8") 510mm (20") Distance from spindle end to table 100-560mm(3-15/16"-22") 140-650mm(5-1/2"-25-9/16") Distance from spindle center to column 430mm (16-15/16") 556mm (21-7/8") SPINDLE BT40 (or DIN40 / CAT40, opt.) BT40 (or DIN40 / CAT40, opt.) Spindle speeds 8000 r.p.m.; bell (or 10000~15000 r.p.m.; opt.) FEED Cutting feed rate (X, Y, Z axes) 15 m/min. (max.) 36 m/min. (max.) Rapid traverse (Z axis) 15 m/min. (max.) 36 m/min. (max.) ATC Tool storage capacity 10 pcs (carrousel) (or 20pcs (carrousel) 24pcs (arm), opt.) (or 20pcs (carrousel) (or 20pcs (carrousel) 24pcs (arm), opt.) 6 kgs (13.23 lbs) 15 m/m	T-slots (size x number)	16mm x 5	18mm x 5
TRAVEL Longitudinal travel (X axis) 610mm (24") 850mm (33-1/2")		(0.630" x 5)	(0.709" x 5)
Longitudinal travel (X axis) Cross travel (Y axis) 350mm (13-13/16") 510mm (20") Vertical travel (Z axis) 460mm (18-1/8") 510mm (20") Spindle end to table 100-560mm(3-15/16"-22") 140-650mm(5-1/2"-25-9/16") Distance from spindle center to column SPINDLE Spindle nose taper Spindle nose taper (or DIN40 / CAT40, opt.) Spindle speeds 8000 r.p.m.; belt (or 10000~15000 r.p.m., opt.) FEED Cutting feed rate (X, Y, Z axes) Rapid traverse (X, Y axes) Rapid traverse (X, Y axes) 15 m/min. (max.) 36 m/min. (max.) ATC Tool storage capacity 10 pcs (carrousel) / 24pcs (arm), opt.) Max. tool weight (or 20pcs (carrousel) / 24pcs (arm), opt.) Tool selection Tool shank BT-40 BT-40 (or 20pcs (carrousel) / 24pcs (arm), opt.) Tool selection Random BT-40 MAS-P40T-1 MOTOR Spindle motor (AC servo) 3.7 / 5.5 KW 3.7 / 5.5 KW 3.7 / 5.5 KW 3.4 HP DIMENSION Machine size 1880x1720x1987 mm 2600x2330x2685 mm (74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")	Max. table load	350kgs (772 lbs)	600kgs (1323 lbs)
Cross travel (Y axis) 350mm (13-13/16") 510mm (20") Vertical travel (Z axis) 460mm (18-1/8") 510mm (20") Distance from spindle end to table 100~560mm(3-15/16"~22") 140~650mm(5-1/2"~25-9/16") Distance from spindle center to column 430mm (16-15/16") 556mm (21-7/8") SPINDLE BT40 BT40 (or DIN40 / CAT40, opt.) BT40 Spindle speeds 8000 r.p.m.; belt (or 10000~15000 r.p.m., opt.) 8000 r.p.m.; belt (or 10000~15000 r.p.m., opt.) FEED Cutting feed rate (X, Y, Z axes) 15 m/min. (max.) 36 m/min. (max.) Rapid traverse (X axis) 15 m/min. (max.) 36 m/min. (max.) ATC Tool storage capacity 10 pcs (carrousel) (or 20pcs (carrousel) / 24pcs (arm), opt.) Max. tool weight 6 kgs (13.23 lbs) Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool shank BT-40 Pull stud bolt MAS-P40T-1 MOTOR Spindle motor (AC servo)	TRAVEL		
Vertical travel (Z axis) 460mm (18-1/8") 510mm (20") Distance from spindle end to table 100-560mm(3-15/16"-22") 140~650mm(5-1/2"-25-9/16") Distance from spindle center to column 430mm (16-15/16") 556mm (21-7/8") SPINDLE BT40 BT40 Spindle nose taper BT40 (or DIN40 / CAT40, opt.) Spindle speeds 8000 r.p.m.; belt (or 10000~15000 r.p.m.; opt.) 8000 r.p.m.; belt (or 10000~15000 r.p.m.; opt.) FEED Cutting feed rate (X, Y, Z axes) 1~10000 mm/min. (max.) Rapid traverse (X, Y axes) 15 m/min. (max.) 36 m/min. (max.) Rapid traverse (Z axis) 15 m/min. (max.) 36 m/min. (max.) ATC Tool storage capacity 10 pcs (carrousel) (or 20pcs (carrousel) / 24pcs (arm), opt.) Max. tool weight 6 kgs (13.23 lbs) Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool shank BT-40 Pull stud bolt MAS-P40T-1 MOTOR	Longitudinal travel (X axis)	610mm (24")	850mm (33-1/2")
Distance from spindle end to table 100~560mm(3-15/16"~22") 140~650mm(5-1/2"~25-9/16") Distance from spindle center to column 430mm (16-15/16") 556mm (21-7/8") SPINDLE Spindle nose taper BT40 (or DIN40 / CAT40, opt.) (or DIN40 / CAT40, opt.) Spindle speeds 8000 r.p.m.; belt (or 10000~15000 r.p.m., opt.) 8000 r.p.m.; belt (or 10000~15000 r.p.m., opt.) FEED Cutting feed rate (X, Y, Z axes) 15 m/min. (max.) 36 m/min. (max.) Rapid traverse (X, Y axes) 15 m/min. (max.) 36 m/min. (max.) Rapid traverse (Z axis) 15 m/min. (max.) 36 m/min. (max.) ATC Tool storage capacity 10 pcs (carrousel) (or 20pcs (carrousel) / 24pcs (arm), opt.) Max. tool weight 6 kgs (13.23 lbs) Max. tool weight 6 kgs (13.23 lbs) Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool selection Random Tool shank BT-40 MOTOR Spindle motor (AC servo) 3.7 /	Cross travel (Y axis)	350mm (13-13/16")	510mm (20")
Distance from spindle center to column 430mm (16-15/16") 556mm (21-7/8") SPINDLE BT40 BT40 Spindle nose taper (or DIN40 / CAT40, opt.) (or DIN40 / CAT40, opt.) Spindle speeds 8000 r.p.m.; belt 8000 r.p.m.; belt (or 10000~15000 r.p.m., opt.) (or 10000~15000 r.p.m., opt.) FEED Cutting feed rate (X, Y, Z axes) 15 m/min. (max.) Rapid traverse (X, Y axes) 15 m/min. (max.) Rapid traverse (Z axis) 15 m/min. (max.) ATC 36 m/min. (max.) Tool storage capacity 10 pcs (carrousel) (or 20pcs (carrousel) (or 20pcs (carrousel)) Max. tool weight 6 kgs (13.23 lbs) Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool selection Random Tool stank BT-40 Pull stud bolt MAS-P40T-1 MOTOR Spindle motor (AC servo) 3.7 / 5.5 KW 5.5 / 7.5 KW X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION Machine size	Vertical travel (Z axis)	460mm (18-1/8")	510mm (20")
SPINDLE Spindle nose taper BT40 (or DIN40 / CAT40, opt.) BT40 (or DIN40 / CAT40, opt.) Spindle speeds 8000 r.p.m.; belt (or 10000~15000 r.p.m., opt.) 8000 r.p.m.; belt (or 10000~15000 r.p.m., opt.) FEED Cutting feed rate (X, Y, Z axes) 1~10000 mm/min. (max.) Rapid traverse (X, Y axes) 15 m/min. (max.) 36 m/min. (max.) Rapid traverse (Z axis) 15 m/min. (max.) 36 m/min. (max.) ATC Tool storage capacity 10 pcs (carrousel) (or 20pcs (carrousel) / 24pcs (arm), opt.) Max. tool weight 6 kgs (13.23 lbs) Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool selection Random Tool shank BT-40 Pull stud bolt MAS-P40T-1 MOTOR Spindle motor (AC servo) 3.7 / 5.5 KW 5.5 / 7.5 KW X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION Machine size 1880x1720x1987 mm (74" x 67-3/4" x 78-1/4") 2600x2330x2685 mm (102-3/8" x 91-3/4" x 105-111/16") <td>Distance from spindle end to table</td> <td>100~560mm(3-15/16"~22")</td> <td>140~650mm(5-1/2"~25-9/16")</td>	Distance from spindle end to table	100~560mm(3-15/16"~22")	140~650mm(5-1/2"~25-9/16")
BT40	Distance from spindle center to column	430mm (16-15/16")	556mm (21-7/8")
(or DIN40 / CAT40, opt.) (or DIN40 / CAT40, opt.)	SPINDLE		
Spindle speeds 8000 r.p.m.; belt (or 10000~15000 r.p.m., opt.) 8000 r.p.m.; belt (or 10000~15000 r.p.m., opt.) FEED Cutting feed rate (X, Y, Z axes) 1 ~10000 mm/min. (max.) Rapid traverse (X, Y axes) 15 m/min. (max.) 36 m/min. (max.) Rapid traverse (Z axis) 15 m/min. (max.) 36 m/min. (max.) ATC 36 m/min. (max.) 36 m/min. (max.) Tool storage capacity 10 pcs (carrousel) 16 pcs (carrousel) (or 20pcs (carrousel) / 24pcs (arm), opt.) (or 20pcs (carrousel) / 24pcs (arm), opt.) Max. tool weight 6 kgs (13.23 lbs) Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool selection Random Tool shank BT-40 Pull stud bolt MAS-P40T-1 MOTOR Spindle motor (AC servo) 3.7 / 5.5 KW 5.5 / 7.5 KW X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION Machine size 1880x1720x1987 mm (74" x 67-3/4" x 78-1/4") 2600x2330x2685 mm (102-3/8" x 91-3/4" x 105-111/16") <td rowspan="2">Spindle nose taper</td> <td>BT40</td> <td>BT40</td>	Spindle nose taper	BT40	BT40
(or 10000~15000 r.p.m., opt.) (or 10000~15000 r.p.m., opt.) FEED Cutting feed rate (X, Y, Z axes) 1~10000 mm/min. (max.) Rapid traverse (X, Y axes) 15 m/min. (max.) 36 m/min. (max.) Rapid traverse (Z axis) 15 m/min. (max.) 36 m/min. (max.) ATC Tool storage capacity 10 pcs (carrousel) 16 pcs (carrousel) 24pcs (arm), opt.) Max. tool weight 6 kgs (13.23 lbs) Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool selection Random Tool shank BT-40 Pull stud bolt MAS-P40T-1 MOTOR Spindle motor (AC servo) 3.7 / 5.5 KW 5.5 / 7.5 KW X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION Machine si		(or DIN40 / CAT40, opt.)	(or DIN40 / CAT40, opt.)
FEED Cutting feed rate (X, Y, Z axes) 1~10000 mm/min. (max.) Rapid traverse (X, Y axes) 15 m/min. (max.) 36 m/min. (max.) Rapid traverse (Z axis) 15 m/min. (max.) 36 m/min. (max.) ATC Tool storage capacity 10 pcs (carrousel) 16 pcs (carrousel) (or 20pcs (carrousel) / 24pcs (arm), opt.) Max. tool weight 6 kgs (13.23 lbs) (or 20pcs (carrousel) / 24pcs (arm), opt.) (or 20pcs (carrousel) / 24pcs (arm), opt.) Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Random Tool selection Random Tool shank BT-40 Pull stud bolt MAS-P40T-1 MOTOR Spindle motor (AC servo) 3.7 / 5.5 KW 5.5 / 7.5 KW X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION Machine size 1880x1720x1987 mm (74" x 67-3/4" x 78-1/4") 2600x2330x2685 mm (102-3/8" x 91-3/4" x 105-11/16")	Spindle speeds	8000 r.p.m. ; belt	
Cutting feed rate (X, Y, Z axes) 1~10000 mm/min. (max.) Rapid traverse (X, Y axes) 15 m/min. (max.) 36 m/min. (max.) Rapid traverse (Z axis) 15 m/min. (max.) 36 m/min. (max.) ATC Tool storage capacity 10 pcs (carrousel) 16 pcs (carrousel) (or 20pcs (carrousel) / 24pcs (arm), opt.) (or 20pcs (carrousel) / 24pcs (arm), opt.) Max. tool weight 6 kgs (13.23 lbs) Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool selection Random Tool shank BT-40 Pull stud bolt MAS-P40T-1 MOTOR Spindle motor (AC servo) 3.7 / 5.5 KW 5.5 / 7.5 KW X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION 1880x1720x1987 mm (74" x 67-3/4" x 78-1/4") 2600x2330x2685 mm (102-3/8" x 91-3/4" x 105-11/16")		(or 10000~15000 r.p.m., opt.)	(or 10000~15000 r.p.m., opt.)
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Rapid traverse (Z axis) 15 m/min. (max.) 36 m/min. (max.)	Cutting feed rate (X, Y, Z axes)	1~10000 mm/min. (max.)	
ATC Tool storage capacity 10 pcs (carrousel) (or 20pcs (carrousel) / 24pcs (arm), opt.) Max. tool weight 6 kgs (13.23 lbs) Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool selection Random Tool shank BT-40 Pull stud bolt MAS-P40T-1 MOTOR Spindle motor (AC servo) X, Y, Z axes motor (AC servo) X, Y, Z axes motor (AC servo) Coolant pump motor DIMENSION Machine size 1880x1720x1987 mm (74" x 67-3/4" x 78-1/4") 16 pcs (carrousel) (or 20pcs (ca	Rapid traverse (X, Y axes)	15 m/min. (max.)	36 m/min. (max.)
Tool storage capacity 10 pcs (carrousel) (or 20pcs (carrousel) / 24pcs (arm), opt.) Max. tool weight 6 kgs (13.23 lbs) Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool selection Random Tool shank BT-40 Pull stud bolt MAS-P40T-1 MOTOR Spindle motor (AC servo) X, Y, Z axes motor (AC servo) X, Y, Z axes motor (AC servo) Tool storage capacity 10 pcs (carrousel) (or 20pcs (carrousel) / 24pcs (arm), opt.) (or 20pcs (carrousel) / 24pcs (arm), opt.) Random Random BT-40 MAS-P40T-1 MOTOR Spindle motor (AC servo) 3.7 / 5.5 KW 5.5 / 7.5 KW 2 KW Coolant pump motor 3/4HP DIMENSION Machine size 1880x1720x1987 mm (74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")	Rapid traverse (Z axis)	15 m/min. (max.)	36 m/min. (max.)
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Max. tool weight 6 kgs (13.23 lbs) Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool selection Random Tool shank BT-40 Pull stud bolt MAS-P40T-1 MOTOR 3.7 / 5.5 KW 5.5 / 7.5 KW X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION 1880x1720x1987 mm 2600x2330x2685 mm (74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")	Tool storage capacity	10 pcs (carrousel)	16 pcs (carrousel)
Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool selection Random Tool shank BT-40 Pull stud bolt MAS-P40T-1 MOTOR Spindle motor (AC servo) 3.7 / 5.5 KW 5.5 / 7.5 KW X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION 1880x1720x1987 mm 2600x2330x2685 mm (74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")		(or 20pcs (carrousel) / 24pcs (arm), opt.)	(or 20pcs (carrousel) / 24pcs (arm), opt.)
Max. tool size(dia. x length) 100mm x 300mm (3-15/16" x 11-13/16") Tool selection Random Tool shank BT-40 Pull stud bolt MAS-P40T-1 MOTOR Spindle motor (AC servo) 3.7 / 5.5 KW 5.5 / 7.5 KW X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION 1880x1720x1987 mm 2600x2330x2685 mm (74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")	Max. tool weight	6 kgs (13.23 lbs)	
Tool shank BT-40	Max. tool size(dia. x length)	• , ,	
Pull stud bolt MAS-P40T-1 MOTOR 3.7 / 5.5 KW 5.5 / 7.5 KW Spindle motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION 1880x1720x1987 mm 2600x2330x2685 mm (74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")			
MOTOR Spindle motor (AC servo) 3.7 / 5.5 KW 5.5 / 7.5 KW X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION 480x1720x1987 mm 2600x2330x2685 mm (74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")	Tool shank	BT-40	
MOTOR Spindle motor (AC servo) 3.7 / 5.5 KW 5.5 / 7.5 KW X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION 1880x1720x1987 mm (74" x 67-3/4" x 78-1/4") 2600x2330x2685 mm (102-3/8" x 91-3/4" x 105-11/16")	Pull stud bolt		
X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION Machine size 1880x1720x1987 mm (74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")	MOTOR		
X, Y, Z axes motor (AC servo) 1.5 / 1.5 / 2 KW 2 KW Coolant pump motor 3/4HP DIMENSION Machine size 1880x1720x1987 mm (74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")	Spindle motor (AC servo)	3.7 / 5.5 KW	5.5 / 7.5 KW
Coolant pump motor 3/4HP DIMENSION 1880x1720x1987 mm 2600x2330x2685 mm Machine size (74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")	•	1.5 / 1.5 / 2 KW	
DIMENSION Machine size 1880x1720x1987 mm (74" x 67-3/4" x 78-1/4") 2600x2330x2685 mm (102-3/8" x 91-3/4" x 105-11/16")	` '	3/4HP	
(74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")	DIMENSION		
(74" x 67-3/4" x 78-1/4") (102-3/8" x 91-3/4" x 105-11/16")	Machine size	1880x1720x1987 mm	2600x2330x2685 mm
· · · · · · · · · · · · · · · · · · ·		(74" x 67-3/4" x 78-1/4")	
waonine weight 2000kg3 (0702 lb3) 0300kg3 (0030 lb3)	Machine weight	2600kgs (5732 lbs)	3900kgs (8598 lbs)

[•] The manufacturer reserves the right to modify the design, specifications, mechanisms...etc. to improve the performance of the machine without prior notice. All the specifications shown above are just for reference.

STANDARD ACCESSORIES

- Tool box w/tools
- Leveling screws w/ blocks
- Coolant spraying device
- Auto lubrication
- Heat exchanger for electrical box
- Full enclosure guard
- Work lamp
- Net work interface
- Auto power off circuit
- End of program light

OPTIONAL ACCESSORIES

- Spindle cooling device
- 10000~15000 r.p.m. spindle speed w/ spindle cooling device
- Bigger horse power spindle motor
- Carrousel type 20 tools ATC
- Arm type 24 tools ATC
- Auger style chip conveyer
- High pressure water scour for chip removal
- Coolant through spindle
- Air conditioner for electrical cabinet
- CNC Rotary table (the 4th axis control)

*The machines could be supplied without controller and servo motor/drives as OEM FRAME.



No. 48-3, Wayao Rd., Dali Dist., Taichung City 412, Taiwan

E-Mail:sales@topphoenix.com.tw; topphoenix24@gmail.com;

top.phoenix@msa.hinet.net
http://www.topphoenix.com.tw

Tel:886-4-2406-5028(Rep.) Fax:886-4-2406-5019