

MODEL 2500M UNIVERSAL MILLING MACHINE



STANDARD FEATURES :

- ◆ Rapid traverse on "X", "Y" & "Z" axis.
- ◆ Via inverter variable feeding on "X", "Y" & "Z" axis.
- ◆ High quality meehanite casting body GC-45/DIN-40.
- ◆ All gears & shafts are hardened. & ground
- ◆ Table swivels $\pm 45^\circ$ degrees left & right.
- ◆ All "X", "Y" & "Z" wider square slide ways & table surface are harden & ground.
- ◆ Motorized ARM/RAM elec. Motor is 3.75KW (5.5HP)
- ◆ Horizontal spindle elec. Motor is 5.5KW (7.5HP)
- ◆ All square slide way & dovetail way are bigger & stronger.
- ◆ Cast iron is either ASTM No.40/meehanite GC-45 or DIN GG-40.

SPECIFICATION :

TECHNICAL SPECIFICATIONS	MODEL 2500M
TABLE	
Table area	1500x350mm (59x13.7")
Number of "T" shaped slots	5-16H7
Distance between "T" shaped slots	60mm
Rotary movement of table in both direction	45°
TRAVERSE	
Automatic Longitudinal	1150mm (46")
Automatic cross	400mm(15 3/4")
Automatic Vertical	500mm (20")
Available distance from spindle to overarm	155mm (6")
SPINDLE (horizontal)	
Housing of the taper spindle	ISO-40/50
Diameter of the main Shaft nose	88.88-128.57mm
Milling arbor diameter (*)	27mm or (.1")
Number of speeds of the spindle (R.P.M.)	12(40-1800) 50HZ
FEEDS	
Longitudinal and cross feeds	10-1208mm(0.4-47")
Vertical feed	5-604mm (0.2-23")

TECHNICAL SPECIFICATIONS	MODEL 2500M
RAPID TRAVERSE	
Longitudinal and cross	1208mm(47")/min (60HZ)
Vertical	604mm(23")/min
PUISSANCE	
V-Belts	4
Main motor HP	7.5
Feed motor HP	2.5
COOLING	
Cooling-pump HP	1/8 (0.10)
MOTORIZED OVERARM	
Housing of the taper spindle	ISO-40/50
Number of speeds	12
Speed range (R.P.M.)	(35-1600) 50HZ
Power HP	5.5
WEIGHT	
Maximum weight on table	600kg (1320 lb)
Net weight	3200kg (7040 lb)
Gross weight with seapacking case	3400kg (7480 lb)
Cubical measure of packing	184x227x227cm (70x89x88")

STANDARD ACCESSORIES :

- ◆ 27mm or 1" long horizontal ISO#40 milling arbor.
- ◆ Horizontal & vertical manual draw-bars.
- ◆ Coolant pump & coolant system.
- ◆ Tool box and services tools.

OPTIONAL ACCESSORIES :

- ◆ AC auto for over - arm moving device is available.
- ◆ Ball screws for "X", "Y" axis.
- ◆ Auto ways lubrication unit.
- ◆ Chip tray.
- ◆ Universal dividing head, complete with 3 JAW chuck.
- ◆ Horizontal & vertical rotary table.
- ◆ Hydraulic clamping vise 6" or 8".
- ◆ Power milling vise 6" or 8".
- ◆ Clamping kit.
- ◆ Pneumatic power draw bar.
- ◆ ISO#50 spindle taper.

MODEL S-2500U UNIVERSAL MILLING MACHINE



STANDARD FEATURES :

- ◆ All gears are harden & ground for Horizontal spindle.
- ◆ Oil lubrication splash bath system for Horizontal.
- ◆ All CE elec. which are with overload safety device.
- ◆ $\pm 45^\circ$ degrees L+R swivel table.
- ◆ Swivel control panel.
- ◆ Cast iron is either ASTM No.40/meehanite GC-45 or DIN GG-40.

SPECIFICATION :

TECHNICAL SPECIFICATIONS	S-2500U
TABLE Table area Number of "T" shaped slots Distance between "T" shaped slots Rotary movement of table in both direction	1300x300mm 3-16H7 70mm 45°
TRAVERSE Automatic Longitudinal Automatic cross Automatic Vertical Available distance from spindle to overarm	950mm 380mm 450mm 155mm
SPINDLE (horizontal) Housing of the taper spindle Diameter of the main Shaft nose Milling arbor diameter (*) Number of speeds of the spindle (R.P.M.)	ISO-40 88.88mm 27mm 12(50-1700) 50HZ
FEEDS Longitudinal and cross feeds Vertical feed	10-1208mm/min 5-604mm

TECHNICAL SPECIFICATIONS	S-2500U
RAPID TRAVERSE Longitudinal and cross Vertical	1208mm/min 5-604mm
PUISSANCE V-Belts Main motor HP Feed motor HP	4 5 2.5
COOLING Cooling-pump HP	1/8
MOTORIZED OVERARM Housing of the taper spindle Number of speeds Speed range (R.P.M.) Power HP	— — — —
WEIGHT Maximum weight on table Net weight Gross weight with seapacking case Cubical measure of packing	500kg 2500kg 2700kg 170x220x220cm

STANDARD ACCESSORIES :

- ◆ 27mm or 1" long horizontal ISO#40 milling arbor.
- ◆ Horizontal & vertical manual draw-bars.
- ◆ Coolant pump & coolant system.
- ◆ Tool box and services tools.

OPTIONAL ACCESSORIES :

- ◆ AC auto for over - arm moving device is available.
- ◆ Ball screws for "X", "Y" axis.
- ◆ Auto ways lubrication unit.
- ◆ Chip tray.
- ◆ Universal dividing head, complete with 3 JAW chuck.
- ◆ Horizontal & vertical rotary table.
- ◆ Hydraulic clamping vise 6" or 8".
- ◆ Power milling vise 6" or 8".
- ◆ Clamping kit.
- ◆ Pneumatic power draw bar.
- ◆ ISO#50 spindle taper.

MODEL 2500UM UNIVERSAL MILLING MACHINE



STANDARD FEATURES :

- ◆ Rapid traverse on "X", "Y" & "Z" axis.
- ◆ Via inverter variable feeding on "X", "Y" & "Z" axis.
- ◆ High quality meehanite casting body GC-45/DIN-40.
- ◆ All gears & shafts are hardened. & ground
- ◆ Table swivels $\pm 45^\circ$ degrees left & right.
- ◆ All "X", "Y" & "Z" wider square slide ways & table surface are harden & ground.
- ◆ Motorized ARM/RAM elec. Motor is 3.75KW (5.5HP)
- ◆ Horizontal spindle elec. Motor is 5.5KW (7.5HP)
- ◆ All square slide way & dovetail way are bigger & stronger.
- ◆ Cast iron is either ASTM No.40/meehanite GC-45 or DIN GG-40.

SPECIFICATION :

TECHNICAL SPECIFICATIONS	MODEL 2500UM
TABLE	
Table area	1500x350mm (59x13.7")
Number of "T" shaped slots	5-16H7
Distance between "T" shaped slots	60mm
Rotary movement of table in both direction	45°
TRAVERSE	
Automatic Longitudinal	1150mm (46")
Automatic cross	400mm(15 3/4")
Automatic Vertical	500mm (20")
Available distance from spindle to overarm	155mm (6")
SPINDLE (horizontal)	
Housing of the taper spindle	ISO-40/50
Diameter of the main Shaft nose	88.88-128.57mm
Milling arbor diameter (*)	27mm or.(1")
Number of speeds of the spindle (R.P.M.)	12(40-1800) 50HZ
FEEDS	
Longitudinal and cross feeds	10-1208mm(0.4-47")
Vertical feed	5-604mm (0.2-23")

TECHNICAL SPECIFICATIONS	MODEL 2500UM
RAPID TRAVERSE	
Longitudinal and cross	1208mm(47")/min (60HZ)
Vertical	604mm(23")/min
PUISSANCE	
V-Belts	4
Main motor HP	7.5
Feed motor HP	2.5
COOLING	
Cooling-pump HP	1/8 (0.10)
MOTORIZED OVERARM	
Housing of the taper spindle	ISO-40/50
Number of speeds	12
Speed range (R.P.M.)	(35-1600) 50HZ
Power HP	5.5
WEIGHT	
Maximum weight on table	600kg (1320 lb)
Net weight	3200kg (7040 lb)
Gross weight with seapacking case	3400kg (7480 lb)
Cubical measure of packing	184x227x227cm (70x89x88")

STANDARD ACCESSORIES :

- ◆ 27mm or 1" long horizontal ISO#40 milling arbor.
- ◆ Horizontal & vertical manual draw-bars.
- ◆ Coolant pump & coolant system.
- ◆ Tool box and services tools.

OPTIONAL ACCESSORIES :

- ◆ AC auto for over - arm moving device is available.
- ◆ Ball screws for "X", "Y" axis.
- ◆ Auto ways lubrication unit.
- ◆ Chip tray.
- ◆ Universal dividing head, complete with 3 JAW chuck.
- ◆ Horizontal & vertical rotary table.
- ◆ Hydraulic clamping vise 6" or 8".
- ◆ Power milling vise 6" or 8".
- ◆ Clamping kit.
- ◆ Pneumatic power draw bar.
- ◆ ISO#50 spindle taper.

MODEL 2500U UNIVERSAL MILLING MACHINE



STANDARD FEATURES :

- ◆ Rapid traverse on "X", "Y" & "Z" axis.
- ◆ Via inverter variable feeding on "X", "Y" & "Z" axis.
- ◆ High quality meehanite casting body GC-45/DIN-40.
- ◆ All gears & shafts are hardened. & ground
- ◆ Table swivels $\pm 45^\circ$ degrees left & right.
- ◆ All "X", "Y" & "Z" wider square slide ways & table surface are harden & ground.
- ◆ Horizontal spindle elec. Motor is 5.5KW (7.5HP)
- ◆ All square slide way & dovetail way are bigger & stronger.
- ◆ Cast iron is either ASTM No.40/meehanite GC-45 or DIN GG-40.

SPECIFICATION :

TECHNICAL SPECIFICATIONS	MODEL 2500U
TABLE	
Table area	1500x350mm (59x13.7")
Number of "T" shaped slots	5-16H7
Distance between "T" shaped slots	60mm
Rotary movement of table in both direction	45°
TRAVERSE	
Automatic Longitudinal	1150mm (46")
Automatic cross	400mm(15 3/4")
Automatic Vertical	500mm (20")
Available distance from spindle to overarm	155mm (6")
SPINDLE (horizontal)	
Housing of the taper spindle	ISO-40/50
Diameter of the main Shaft nose	88.88-128.57mm
Milling arbor diameter (*)	27mm or.(1")
Number of speeds of the spindle (R.P.M.)	12(40-1800) 50HZ
FEEDS	
Longitudinal and cross feeds	10-1208mm(0.4-47")
Vertical feed	5-604mm (0.2-23")

TECHNICAL SPECIFICATIONS	MODEL 2500U
RAPID TRAVERSE	
Longitudinal and cross	1208mm(47")/min (60HZ)
Vertical	604mm(23")/min
PUISSANCE	
V-Belts	4
Main motor HP	7.5
Feed motor HP	2.5
COOLING	
Cooling-pump HP	1/8 (0.10)
MOTORIZED OVERARM	
Housing of the taper spindle	—
Number of speeds	—
Speed range (R.P.M.)	—
Power HP	—
WEIGHT	
Maximum weight on table	600kg (1320 lb)
Net weight	3100kg (6820 lb)
Gross weight with seapacking case	3300kg (7260 lb)
Cubical measure of packing	184x227x227cm (70x89x88")

STANDARD ACCESSORIES :

- ◆ 27mm or 1" long horizontal ISO#40 milling arbor.
- ◆ Horizontal & vertical manual draw-bars.
- ◆ Coolant pump & coolant system.
- ◆ Tool box and services tools.

OPTIONAL ACCESSORIES :

- ◆ AC auto for over - arm moving device is available.
- ◆ Ball screws for "X", "Y" axis.
- ◆ Auto ways lubrication unit.
- ◆ Chip tray.
- ◆ Universal dividing head, complete with 3 JAW chuck.
- ◆ Horizontal & vertical rotary table.
- ◆ Hydraulic clamping vise 6" or 8".
- ◆ Power milling vise 6" or 8".
- ◆ Clamping kit.
- ◆ Pneumatic power draw bar.
- ◆ ISO#50 spindle taper.

MODEL 2500QM

HORIZONTAL & VERTICAL UNIVERSAL APPLICATIONS



STANDARD FEATURES :

- ◆ Rapid traverse on "X", "Y" & "Z" axis.
- ◆ Via inverter variable feeding on "X", "Y" & "Z" axis.
- ◆ High quality meehanite casting body GC-45/DIN-40.
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- ◆ Motorized ARM/RAM elec. Motor is 3.75KW (5HP)
- ◆ Horizontal spindle elec. Motor is 5.5KW (7.5HP)
- ◆ All square slide way & dovetail way are bigger & stronger.
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SPECIFICATION :

TECHNICAL SPECIFICATIONS	MODEL 2500QM
TABLE	
Table area	1500x350mm (59x13.7")
Number of "T" shaped slots	5-16H7
Distance between "T" shaped slots	60mm
Rotary movement of table in both direction	45°
TRAVERSE	
Automatic Longitudinal	1150mm (46")
Automatic cross	400mm(15 3/4")
Automatic Vertical	500mm (20")
Available distance from spindle to overarm	155mm (6")
SPINDLE (horizontal)	
Housing of the taper spindle	ISO-40/50
Diameter of the main Shaft nose	88.88mm
Milling arbor diameter (*)	27mm or (1")
Number of speeds of the spindle (R.P.M.)	12(40-1800) 50HZ
FEEDS	
Longitudinal and cross feeds	10-1208mm(0.4-47")
Vertical feed	5-604mm (0.2-23")

TECHNICAL SPECIFICATIONS	MODEL 2500QM
RAPID TRAVERSE	
Longitudinal and cross	1208mm(47")/min (60HZ)
Vertical	604mm(23")/min
PUISSANCE	
V-Belts	4
Main motor HP	7.5
Feed motor HP	2.5
COOLING	
Cooling-pump HP	1/8
MOTORIZED OVERARM	
Housing of the taper spindle	ISO-40
Number of speeds	—
Speed range (R.P.M.)	Variable Speed (70-3600)
Power HP	5
WEIGHT	
Maximum weight on table	600kg (1320 lb)
Net weight	3200kg (7040 lb)
Gross weight with seapacking case	3400kg (7480 lb)
Cubical measure of packing	184x227x227cm (70x89x88")

STANDARD ACCESSORIES :

- ◆ 27mm or 1" long horizontal ISO#40 milling arbor.
- ◆ Horizontal & vertical manual draw-bars.
- ◆ Coolant pump & coolant system.
- ◆ Tool box and services tools.

OPTIONAL ACCESSORIES :

- ◆ AC auto for over - arm moving device is available.
- ◆ Ball screws for "X", "Y" axis.
- ◆ Auto ways lubrication unit.
- ◆ Chip tray.
- ◆ Universal dividing head, complete with 3 JAW chuck.
- ◆ Horizontal & vertical rotary table.
- ◆ Hydraulic clamping vise 6" or 8".
- ◆ Power milling vise 6" or 8".
- ◆ Clamping kit.
- ◆ Pneumatic power draw bar.
- ◆ ISO#50 spindle taper.