

MODEL YM-1150U

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 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	YM-1150UM	YM-1150M	YM-1150QM	YM-1150U	YMS-1150U
TABLE Table area Number of "T" shaped slots Distance between "T" shaped slots Rotary movement of table in both direction	1500x350mm (59x13.7") 5-16H7 60mm 45°	1500x350mm (59x13.7") 5-16H7 60mm 45°	1500x350mm (59x13.7") 5-16H7 60mm 45°	1500x350mm (59x13.7") 5-16H7 60mm 45°	1300x300mm 3-16H7 70mm 45°
TRAVERSE Automatic Longitudinal Automatic cross Automatic Vertical Available distance from spindle to overarm	1150mm (46") 400mm(15 3/4") 500mm (20") 155mm (6")	1150mm (46") 400mm(15 3/4") 500mm (20") 155mm (6")	1150mm (46") 400mm(15 3/4") 500mm (20") 155mm (6")	1150mm (46") 400mm(15 3/4") 500mm (20") 155mm (6")	950mm 380mm 450mm 155mm
SPINDLE (horizontal) Housing of the taper spindle Diameter of the main Shaft nose Milling arbor oliameter (*) Number of speeds of the spindle (R.P.M.)	ISO-40/50 88.88-128.57mm 27mm or.(1") 12(40-1800) 50HZ	ISO-40/50 88.88-128.57mm 27mm or (1") 12(40-1800) 50HZ	ISO-40/50 88.88-128.57mm 27mm or (1") 12(40-1800) 50HZ	ISO-40/50 88.88-128.57mm 27mm or (1") 12(40-1800) 50HZ	ISO-40 88.88mm 27mm 12(50-1700) 50HZ
FEEDS Longitudinal and cross feeds Vertical feed	10-1208mm(0.4-47") 5-604mm (0.2-23")	10-1208mm(0.4-47") 5-604mm (0.2-23")	10-1208mm(0.4-47") 5-604mm (0.2-23")	10-1208mm(0.4-47") 5-604mm (0.2-23")	10-1208mm/min 5-604mm
RAPID TRAVERSE Longitudinal and cross Vertical	1208mm(47")/mim (60HZ) 604mm(23")/min	1208mm(47")/mim (60HZ) 604mm(23")/min	1208mm(47")/mim (60HZ) 604mm(23")/min	1208mm(47")/mim (60HZ) 604mm(23")/min	1208mm/min 5-604mm
PUISSANCE V-Belts Main motor HP Feed motor HP	4 7.5 2.5	4 7.5 2.5	4 7.5 2.5	4 7.5 2.5	4 5 2.5
COOLING Cooling-pump HP	1/8 (0.10)	1/8 (0.10)	1/8	1/8 (0.10)	1/8
MOTORIZED OVERARM Housing of the taper spindle Number of speeds Speed range (R.P.M.) Power HP	ISO-40/50 12 (35-1600) 50HZ 5.5	ISO-40/50 12 (35-1600) 50HZ 5.5	ISO-40 — Variable Speed(70-3600) 5	— — — —	— — — —
WEIGHT Maximum weight on table Net weight Gross weight with seapacking case Cubical measure of packing	700kg (1540 lb) 3200kg (7040 lb) 3500kg (7770 lb) 1.8x2.3x2.3m(70x89x88")	700kg (1540 lb) 3200kg (7040 lb) 3500kg (7770 lb) 1.8x2.3x2.3m(70x89x88")	700kg (1540 lb) 3200kg (7040 lb) 3500kg (7770 lb) 1.8x2.3x2.3m(70x89x88")	700kg (1540 lb) 3100kg (6820 lb) 3400kg (7480 lb) 1.8x2.3x2.3m(70x89x88")	500kg 2500kg 2700kg 1.7x2.2x2.2m

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 :

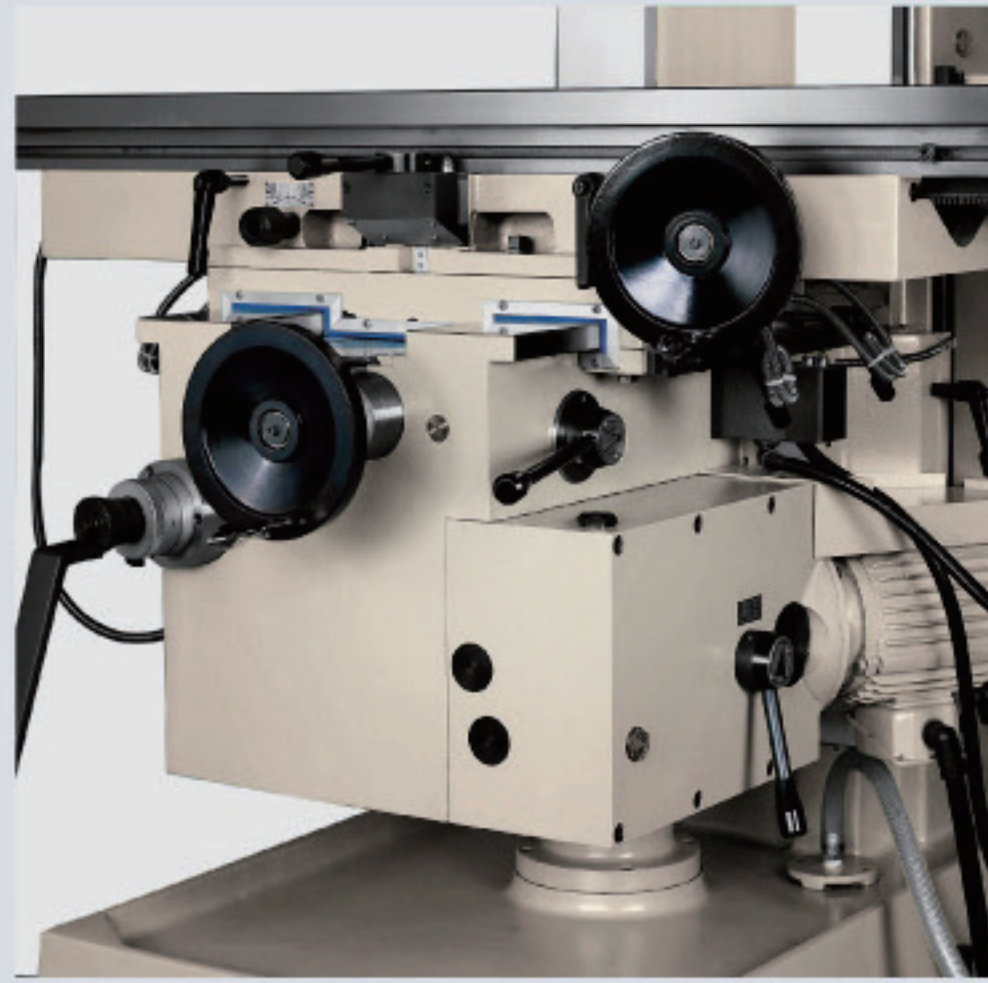
- ◆ AC auto for over - arm moving device is available.
- ◆ Ball screws for "X", "Y" axis.
- ◆ Auto ways lubrication unit.
- ◆ Chip tray.
- ◆ Universal dividing head, complete with 3 JAW chuck.
- ◆ Horizontal & vertical rotary table.
- ◆ Hydraulic clamping vise 6" or 8".
- ◆ Power milling vise 6" or 8".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

1150 series

FEATURES & ACCESSORIES:



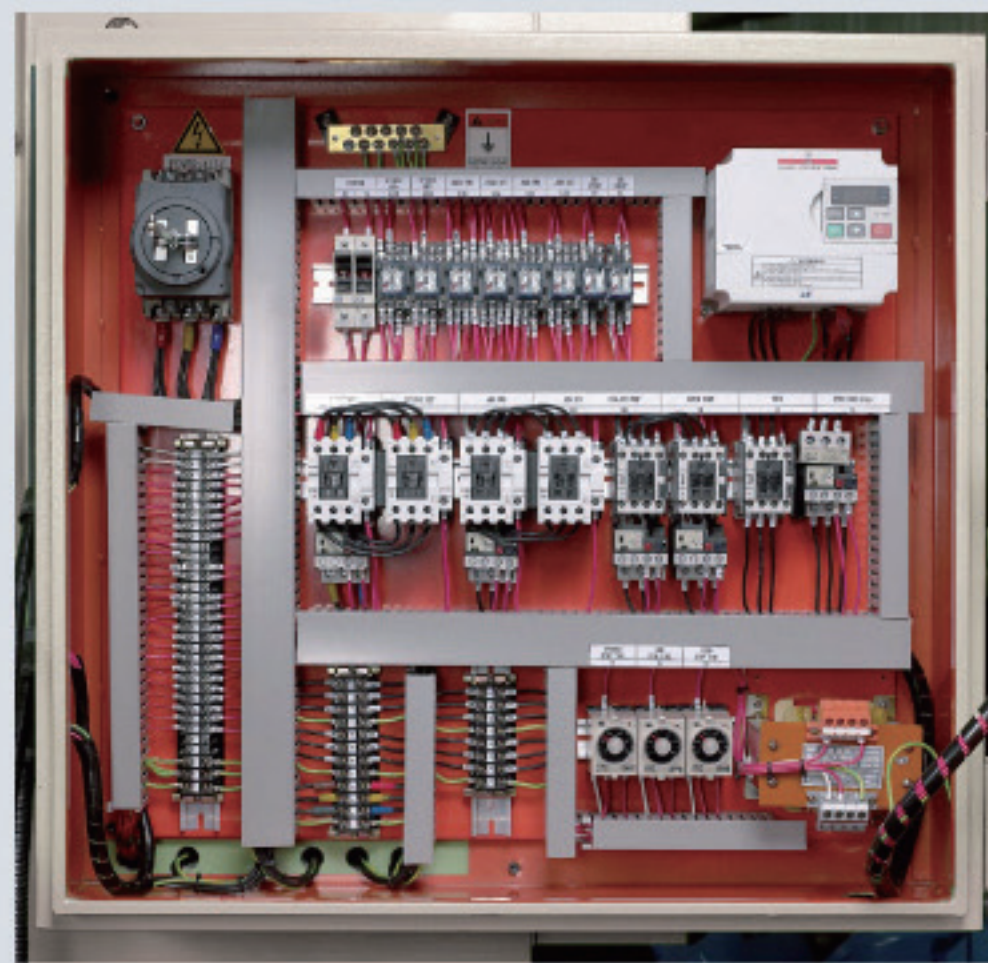
- ◆ Hand lubrication pump (auto lub pump on request).
- ◆ Long horizontal milling arbor applicable for helical cuttings.
- ◆ All "X", "Y" & "Z" axis wider square ways are hardened & ground.
- ◆ Backlash elimination is adjustable.



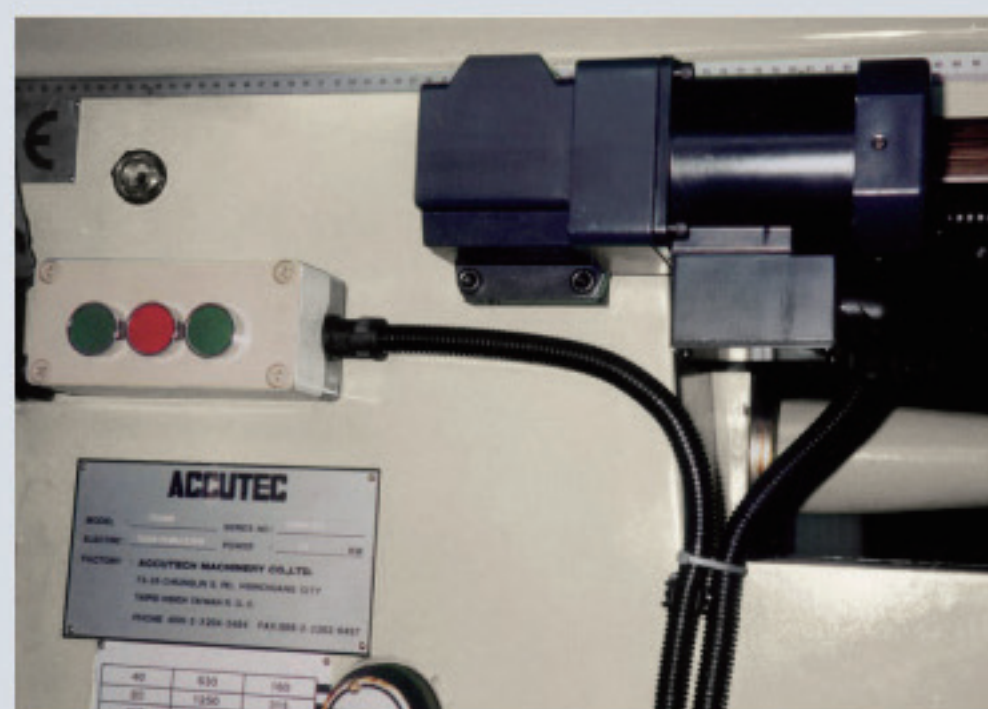
- ◆ Automatic stoppers on "X", "Y" & "Z" axis.
- ◆ Variable feeds on "X", "Y" & "Z" axis.
- ◆ Rapid traverse on "X", "Y" & "Z" axis.
- ◆ "Y" axis is coated turcite for wear resistance.
- ◆ Hardend lead-screws on "X", "Y" & "Z" axis.
- ◆ Inverter and 2.5HP elec. Motor fitted with cooling fan.



- ◆ Standard ISO#40 spindle optional ISO #50 spindle optional 10HP (7.5KW).
- ◆ Hardened lead-screws on "X", "Y" & "Z" axis.
- ◆ $\pm 45^\circ$ degrees L+R swivel table.
- ◆ Double clamps on all wider square slide ways.
- ◆ 2-Axis simultaneous movement.
- ◆ Automatic stoppers on "X", "Y" & "Z" axis.
- ◆ Oil lubrication splash bath system.



- ◆ Voltages are available 220V/380V/208V/415V/230V/460V/575V
- ◆ All CE mark elec. Components, are available 3 phase elec. overload safety device.
- ◆ Our equipment is made of high quality components which are available for immediate support and service
- ◆ Total sealed cabinet.



- ◆ AC auto for over-ARM moving device is available.
- ◆ Overarm Nos. of speed range:12
- ◆ Motorised overarm speed:35-1,600 R.P.M. (50HZ)