

MODEL 2500UM

■ HORIZONTAL & VERTICAL UNIVERSAL APPLICATIONS



■ STANDARD FEATURES:

- Rapid traverse on "X", "Y" & "Z" axis.
- Variable speeds on "X", "Y" & "Z" axis.
- High quality meehanite casting body GC-45/DIN-40.
- All gears & shafts are hardened.
- 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.

MODEL 2500M

■ HORIZONTAL & VERTICAL UNIVERSAL APPLICATIONS

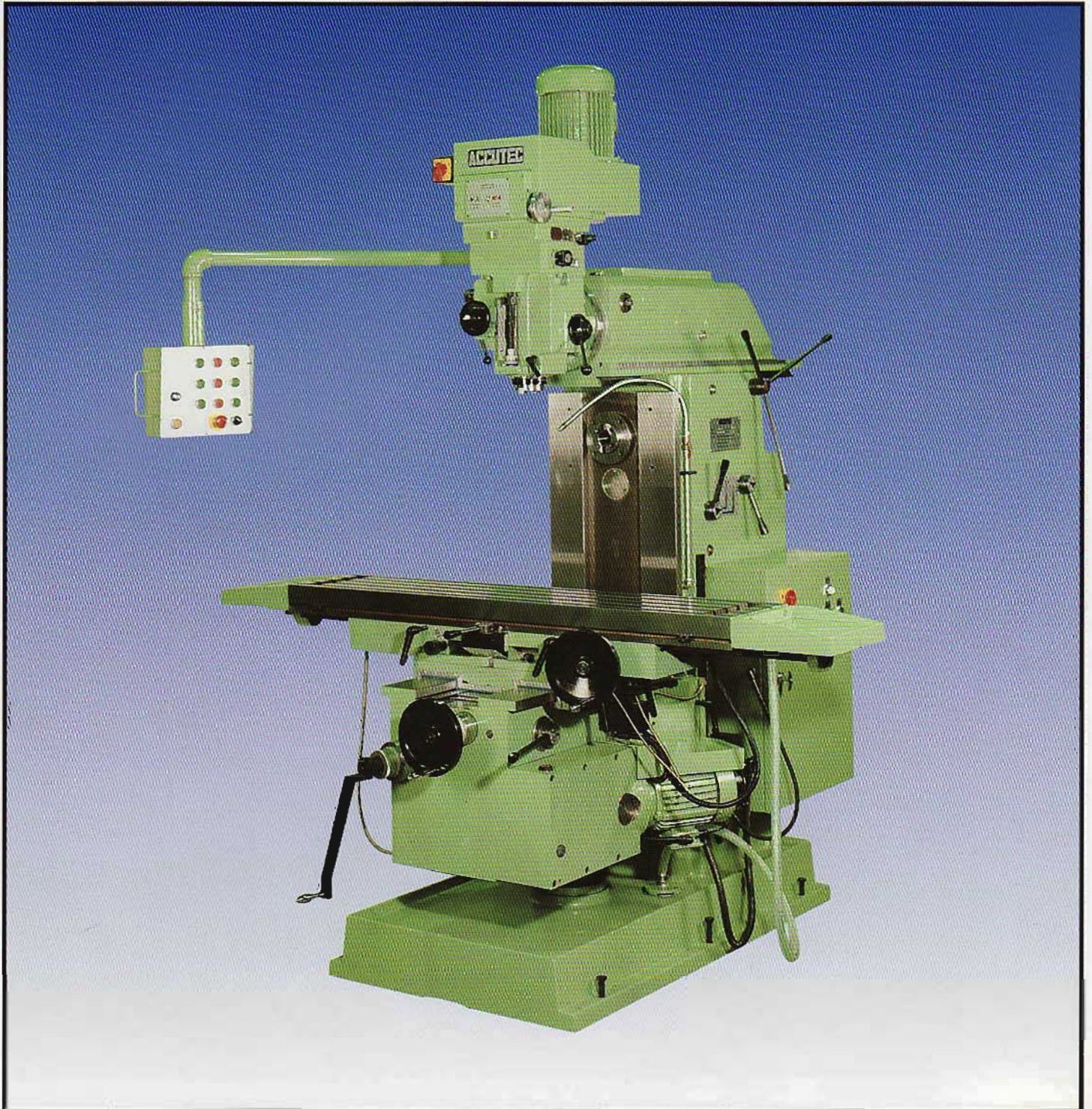


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- Horizontal spindle elec. motor is 5.5KW(7.5HP)
- All square slide way & dovetail way are bigger & stronger.
- Cast iron is either ASTM No.40/meehanite GC-45 or DIN GG-40.

MODEL 2500QM

■ HORIZONTAL & VERTICAL UNIVERSAL APPLICATIONS



■ STANDARD FEATURES:

- Rapid traverse on "X", "Y" & "Z" axis.
- Variable speeds on "X", "Y" & "Z" axis.
- High quality meehanite casting body GC-45/DIN-40.
- All gears & shafts are hardened.
- 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(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.

MODEL 2500U

■ HORIZONTAL & VERTICAL UNIVERSAL APPLICATIONS



■ STANDARD FEATURES:

- Rapid traverse on "X", "Y" & "Z" axis.
- Variable speeds on "X", "Y" & "Z" axis.
- High quality meehanite casting body GC-45/DIN-40.
- All gears & shafts are hardened.
- 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	Mod. 2500UM 2500M (mm)	Mod.2500U(mm)	Mod.2500QM(mm)	Mod. 2500UM 2500M (inch)	Mod. 2500U (inch)	Mod.2500QU (inch)
TABLE						
Table area	1500X350mm	1500X350mm	1500X350mm	59"X13.7"	59"X13.7"	59"X13.7"
Number of "T" shaped slots	5-16H7	5-16H7	5-16H7	5-16H7	5-16H7	5-16H7
Distance between "T" shaped slots	60mm	60mm	60mm	60mm	60mm	60mm
Rotary movement of table in both direction	45°	45°	45°	45°	45°	45°
TRAVERSE						
Automatic Longitudinal	1150mm	1150mm	1150mm	46"	46"	46"
Automatic cross	400mm	400mm	400mm	15¾"	15¾"	15¾"
Automatic Vertical	500mm	500mm	500mm	20"	20"	20"
Available distance from spindle to overarm	155mm	155mm	155mm	6"	6"	6"
SPINDLE (horizontal)						
Housing of the taper spindle	ISO-40/50	ISO-40/50	ISO-40/50	ISO-40/50	ISO-40/50	ISO-40/50
Diameter of the main Shaft nose	88.88-128.57mm	88.88-128.57mm	88.88-128.57mm	88.88-128.57mm	88.88-128.57mm	88.88-128.57mm
Milling arbor diameter(*)	27mm	27mm	27mm	1"	1"	1"
Number of speeds of the spindle (R.P.M.)	12(40-1800)50HZ	12(40-1800)50HZ	12(40-1800)50HZ	12(40-1800)50HZ	12(40-1800)50HZ	12(40-1800)50HZ
FEEDS						
Longitudinal and cross feeds	10-1208	10-1208	10-1208	0.4"-47"	0.4"-47"	0.4"-47"
Vertical feed	5-604	5-604	5-604	0.2"-23"	0.2"-23"	0.2"-23"
RAPID TRAVERSE						
Longitudinal and cross	1208mm/min(60HZ)	1208mm/min(60HZ)	1208mm/min(60HZ)	47"/min(60HZ)	47"/min(60HZ)	47"/min(60HZ)
Vertical	604mm/min	604mm/min	604mm/min	23"/min	23"/min	23"/min
PUISSANCE						
V-Belts	4	4	4	4	4	4
Main motor HP	7.5	7.5	7.5	7.5	7.5	7.5
Feed motor HP	2	2	2	2	2	2
COOLING						
Cooling-pump HP	1/8	1/8	1/8	0.10	0.10	1/8
MOTORIZED OVERARM						
Housing of the taper spindle	ISO-40/50	—	ISO-40	ISO-40/50	—	ISO-40
Number of speeds	12	—	—	12	—	—
Speed range (R.P.M.)	(35-1600) 50HZ	—	Variable Speed(70-3600)	(35-1600) 50HZ	—	Variable (70-3600)
Power HP	5.5	—	5	5.5	—	5
WEIGHT						
Maximum weight on table	700kg	700kg	700kg	1540 lb	1540 lb	1540 lb
Net weight	3200kg	3100kg	3200kg	7040 lb	6820 lb	7040 lb
Gross weight with seapacking case	3500kg	3400kg	3500kg	7770 lb	7480 lb	7770 lb
Cubical measure of packing	2.3X1.8X2.2m	2.3X1.8X2.2m	2.3X1.8X2.2m	89"X70"X88"	89"X70"X88"	89"X70"X88"

STANDARD ACCESSORIES:

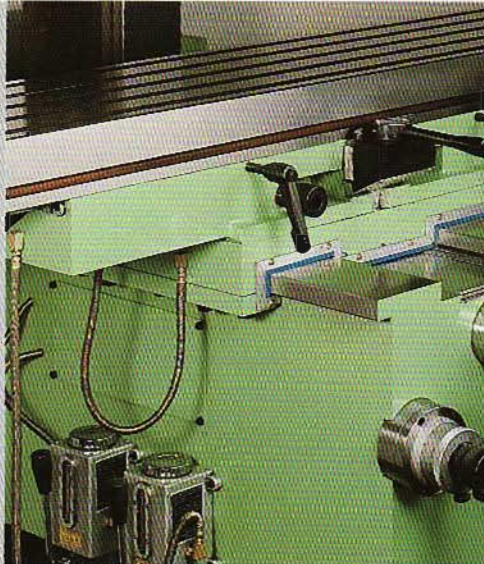
1. 27mm or 1" long horizontal ISO#40 milling arbor.
2. Horizontal & vertical manual draw-bars.
3. Coolant pump & coolant system.
4. Tool box and services tools.

OPTIONAL ACCESSORIES:

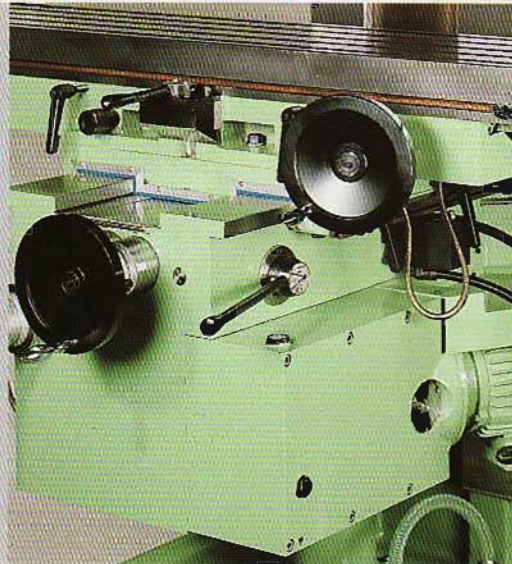
1. AC auto feed device is available.
2. Ball screws for "X" "Y" axis.
3. Auto ways lubrication unit.
4. Chip tray.
5. Universal dividing head, complete with 3 JAW chuck.
6. Horizontal & vertical rotary table.
7. Hydraulic clamping vise 6" or 8".
8. Power milling vise 6" or 8".
9. Clamping kit.
10. Pneumatic power draw bar.
11. ISO #50 spindle taper.

2500 SERIES

FEATURES & ACCESSORIES:



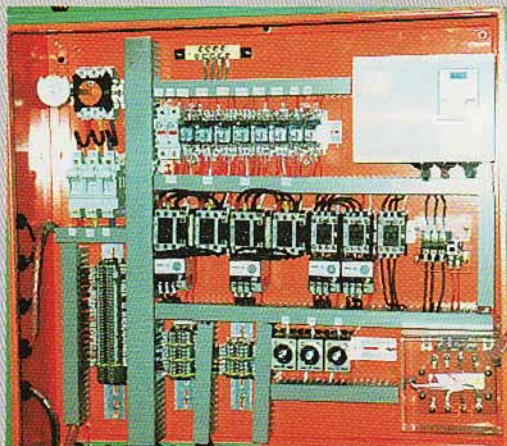
- Hand lubrication pump (auto lub pump on request).
- Long horizontal milling arbor applicable for helical cuttings.
- All "X", "Y" & "Z" axis wider square ways are hardened & ground.
- Backlash elimination is adjustable.



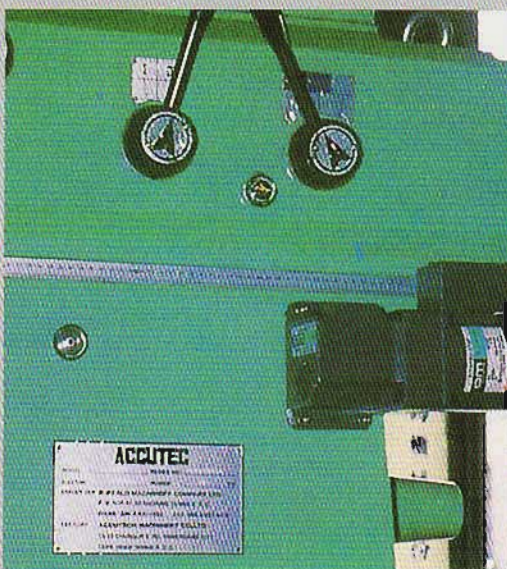
- Automatic stoppers on "X", "Y" & "Z" axis.
- Variable feeds on "X", "Y" & "Z" Axis.
- Rapid traverse on "X", "Y" & "Z" axis.
- "Y" axis is coated turcite for wear resistance.
- Hardend lead-screws on "X", "Y" & "Z" axis.
- Inverter and 2HP elec. motor fitted with cooling fan.



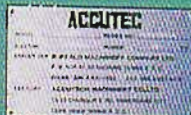
- Standard ISO#40 spindle optional ISO#50 spindle optional 10HP(7.5KW).
- Hardened lead-screws on "X", "Y" & "Z" axis.
- $\pm 45^\circ$ degree L+R swivel table.
- Double clamps on all wider square slide ways.
- 2-Axis simultaneous movement.
- Automatic stoppers on "X", "Y" & "Z" axis.
- Oil lubrication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



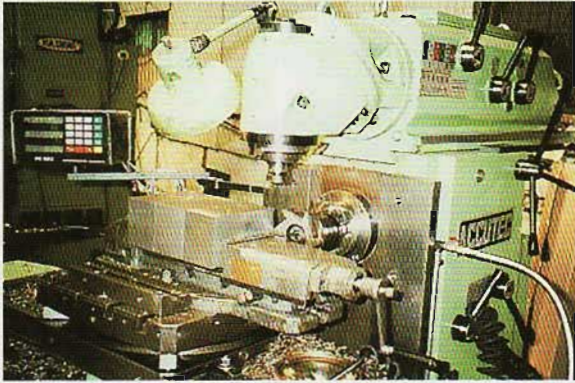
- Voltages are available 220V / 380V / 208V / 415V / 230V / 460V / 575V.
- All CE mark elec. components, are available 3 phase elec. overload safety device.
- Our equipment is made of high quality components which are available for immediate support and service.
- Total sealed cabinet.



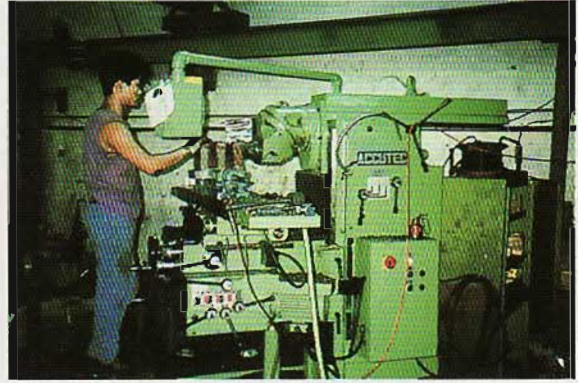
- AC auto feed device is available.
- Overarm Nos. of speed range:12
- Motorised overarm speeds: 35-1,600 R.P.M.(50HZ).



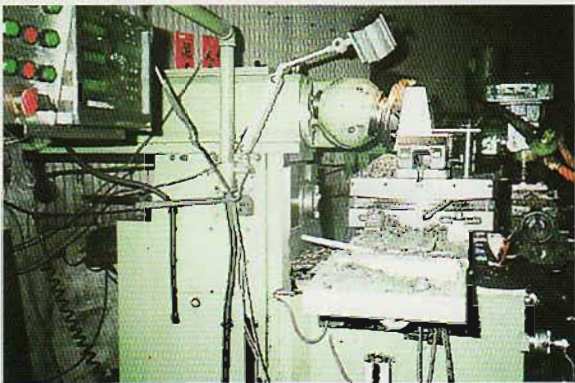
CUTTING SAMPLE :



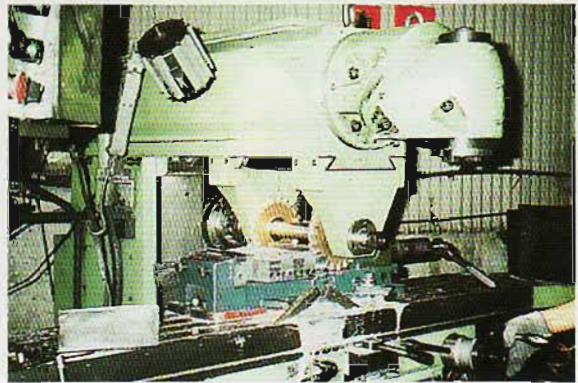
▲ 2500UM IS POWERFUL & STRONG ENOUGH FOR CUTTING STAINLESS STEEL 420J2/431



▲ 2500U CAN BE USED FOR BOTH VERTICAL & HORIZONTAL CUTTING.



▲ USING 10" FACE CUTTER AT ANY CUTTING ANGLE DEGREE.



▲ USING LONG MILLING ARBOR FOR HEAVY & DEEP CUTTING.

