



# FREJOTH

## HORIZONTAL & VERTICAL MILLING MACHINE



**HVU-2500QM**

## 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.
- ◆ Vertical spindle Motor is 3.75KW (5HP)
- ◆ 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.

## SPECIFICATIONS

|                                       | HVU-2500QM                     |
|---------------------------------------|--------------------------------|
| Travels - X / Y / Z                   | 1150 x 400 x 500 mm            |
| Distance from spindle to overam       | 155 mm                         |
| Table size                            | 1500 x 350 mm                  |
| T-slot ( width x no. )                | 16 x 5 mm                      |
| Rotary movement of table in both dir. | 45°                            |
| Spindle speeds ( horizontal ) - 50 HZ | 40 ~ 1800 rpm (12 steps)       |
| Spindle speeds ( vertical ) - 50 HZ   | 70 ~ 3600 rpm - Variable Speed |
| Spindle taper                         | ISO#40 (#50)                   |
| Spindle motor ( hor )                 | 7.5 HP                         |
| Spindle motor ( ver )                 | 5 HP                           |
| Rapid traverse - Longitudinal & cross | 1208 mm/min (60 HZ)            |
| Rapid traverse - vertical             | 604 mm / min                   |
| Feeds - longitudinal & cross          | 10 ~ 1208 mm / min             |
| Feeds - vertical                      | 5 ~ 604 mm / min               |
| Net weight                            | 3200 kgs                       |