

## 40" stroke / 12" Cross Feed - 3 Axis Milling Machine



- Induction hardened 'V' rails for accuracy and durability
- Ball screw main axis auto feed
- New fast set magnet mounting available
- Mounts to Mirage gantry mill

A 3 axis milling machine that is built for rigidity and accuracy suitable for all general purpose in situ milling. Used on heat exchangers, pump and motor pads, steel mill stands, ship building, turbine split lines and many more applications.

The machine is supplied complete with toolkit including:

- Air filter lubricator and hose connection (when required)
- All required bolts
- Storage / shipping box
- CE certificate, packing list and manual.

## Technical Details

|  |            |            |
|--|------------|------------|
| Maximum Stroke X (main bed)                | 2000mm     | 80"        |
| Maximum Stroke Y (cross feed)              | 305mm      | 12"        |
| Maximum cutter diameter                    | 250mm      | 10" (*)    |
| Maximum spindle down feed (bolt & spindle) | 150mm      | 6"         |
| Drive - Pneumatic                          | 4.0 Hp     | 3.0 Kw     |
| Drive - Hydraulic                          | 5.0 Hp     | 3.7 Kw     |
| Spindle R.P.M                              | Min: 50    | Max: 640   |
| Feed - Pneumatic @ 90 p.s.i ( 6 bar)       | 1.5 Hp     | 1.11 Kw    |
| Feed - Hydraulic                           | 2.2 Hp     | 1.64 Kw    |
| Hydraulic Supply @ 1050 p.s.i (70 bar)     | 50 L/min   | 13 Gal/min |
| Air Consumption / Supply Required          | 98 s.c.f.m | 2.69 m3/m  |

## Feed Rates

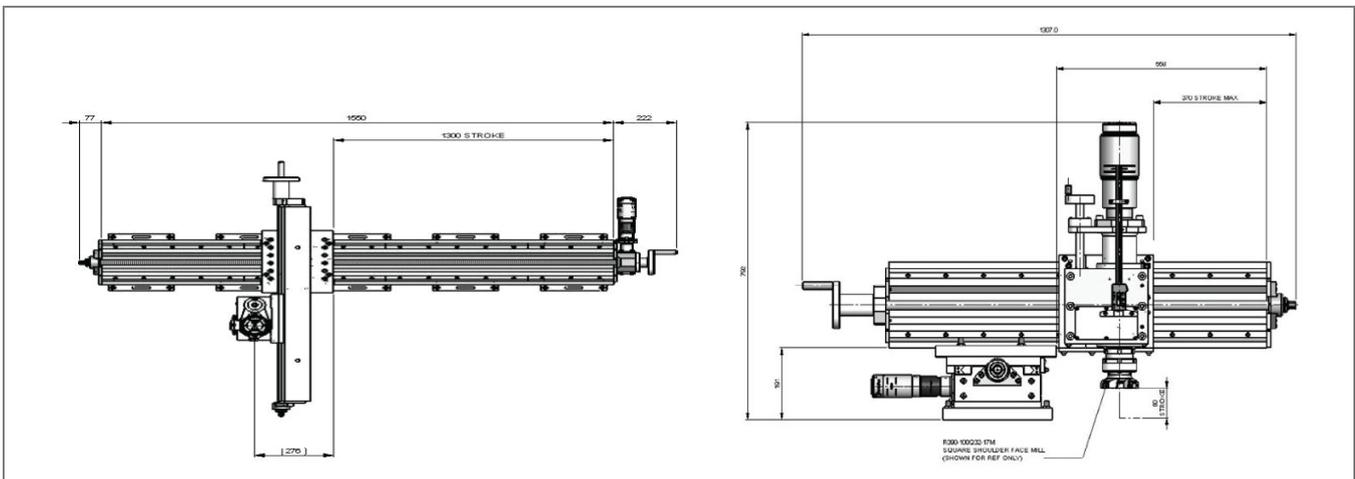
|                                 |              |               |
|---------------------------------|--------------|---------------|
| Hand Feed                       | 10mm/rev     | 0.394"/rev    |
| Auto Feed Standard Motor Supply | 0 - 83mm/min | 0 - 3.25"/min |

## Weights and Dimensions

|                 |         |          |
|-----------------|---------|----------|
| Machine Weight  | 425 kgs | 937 lbs  |
| Shipping Weight | 552 kgs | 1157 lbs |

## Shipping Dimensions

| Length |        | Width |        | Height |        |
|--------|--------|-------|--------|--------|--------|
| mm     | inches | mm    | inches | mm     | inches |
| 2750   | 108    | 760   | 30     | 610    | 24     |



(\*) with special adaptation at additional cost

## Optional Accessories



### MAG250 Mounting Magnets

High pull down mounting magnets for fast attachment to flat surfaces



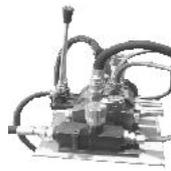
### PP2 11 Kw 3 Phase Power Pack

60 L.P.M up to 90 bar - 24 volt dc fully CE marked



### DRO100 (supplied as standard)

4" digital readout for accurately measuring spindle feed stroke and cut depth



### HYHK - 10m twin hose kit - (feed and return)

With flow controllers and valves to give independent speed and line control