

# MILL DRILLING MACHINES

**HM-30**  
(M128)



**LARGE TABLE**  
810 x 240

**STAND TO SUIT**  
(M135)

## BELT DRIVEN

### HM-30

(M128)

### RF-31

(M130)

#### GENERAL MILL DRILL FEATURES:

- Fine and coarse handwheel-operated quill feed
- 3mt spindle with 75mm diameter quill
- Adjustable table and drill length stops
- Rack and pinion wind-up rotating head
- Rear slideway cover and slide clamps on all axes
- Optional power feed fits straight on the table
- INCLUDES: 13mm Drill chuck, tungsten-tipped cutter, instruction booklet & 3" tilting vice

#### EXTRA FEATURES RF-31:

- Plastic belt guard for quiet operation
- Sold for over 20 years, Made in Taiwan

**RF-31**  
(M130)



**STAND TO SUIT**  
(M135)

## OPTIONAL ACCESSORIES

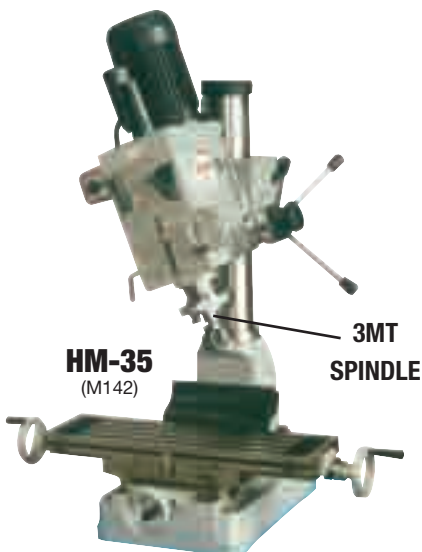
### POWER FEED UNIT

- Suits longitudinal feed
- Variable speed drive
- Fine feed as well as rapid
- Easily fitted to all models
- Full spare parts available



\* 240V transformer required  
to suit extra (M240)

(M230)



**HM-35**  
(M142)

**3MT SPINDLE**

## GEARED HEAD

### HM-35

(M142)

### HM-45

(M143/M145)

#### EXTRA FEATURES HM-35/45:

- Gear driven head tilts to  $\pm 90^\circ$
- Forward and reverse on/off switch
- Dovetailed Z-axis (HM-45 only)
- Includes 13mm drill chuck & tungsten tipped cutter
- HM45 available in 240V(M143) or 415V(M145)

#### SPECIFICATIONS

MODEL	HM-30	RF-31	HM-35	HM45
CODE	M128	M130	M142	M143/M145
Spindle taper	3MT	3MT	3MT	3MT
Spindle speeds(#/rpm)	12(150-2080rpm)	12(125-2500rpm)	6(95-1600rpm)	6(95-1600rpm)
Spindle Stroke	130mm	130mm	130mm	130mm
Spindle to Table	457mm	480mm	500mm	500mm
Column Diameter	115mm	115mm	115mm	dovetailed
Spindle to Column	200mm	210mm	240mm	270mm
Table size	810 x 240mm	730 x 210mm	730 x 210mm	730 x 210mm
T-Slot	5/8"	5/8"	5/8"	5/8"
Longitudinal travel	585mm	435mm	500mm	500mm
Transverse Travel	200mm	190mm	210mm	210mm
Overall height	1100mm	1100mm	1100mm	1100mm
Weight(kg)	325kg	270kg	340kg	350kg
Motor(kW)	1.5kW	1.1kW	1.1kW	1.1kW
Voltage	240V	240V	240V	240/415V



**HM-45**  
(M143)

**DOVETAILED Z-AXIS**

**STAND TO SUIT**  
(M135)