



Horizontal Spindle



Swivel Table



Vertical Spindle Speed Selectors



Features:

- 3-Axis digital readout system (K8243)
- Tilting head $\pm 90^\circ$ left to right
- 340mm horizontally sliding and rotating ram
- NT30 Horizontal and vertical spindles that are hardened & ground
- Precision-ground dovetail slide-ways and table
- Precision milling table incorporating machined T-slots
- Rear concertina slide-way cover
- Forward and reverse on/off switch
- Fine hand wheel operated quill feed • Spindle lock for quill
- Metric dial graduations @ 0.02mm for X, Y & Z-Axis
- Vertical dial graduations on hand wheel @ 0.05mm
- All slides utilise dovetail construction for maximum rigidity

Fitted with Additional Safety Electrics:

- Interlock micro cut out fitted to horizontal spindle belt cover
- Keyed lockable isolation switch
- Raised red (DOL) emergency stop switch

Includes:

- Swarf / splash tray
- Halogen lamp
- Coolant system
- Drill chuck & arbor
- 2MT & 3MT adaptors
- 150mm Machine vice
- Clamp kit 14mm CK-12A
- Face mill 75mm x 90°
- 10 x Inserts
- Face mill arbor NT30 FMB27-20
- Collet chuck set NT30 x ER32
- 12 Piece metric slot drill & end mill set
- 4 x Machine mounts



ITEM No.		38	38
ORDER CODE		K8241	K8243
MODEL		HM-520	HM-520
DIGITAL READOUT	- / ✓	-	✓
WORK TABLE AREA (LxW)	mm	1000 x 240	1000 x 240
SPINDLE TAPER (VERTICAL)	NT	30	30
SPINDLE TAPER (HORIZONTAL)	NT	30	30
LONGITUDINAL TRAVEL (X-AXIS)	mm	600	600
CROSS TRAVEL (Y-AXIS)	mm	220	220
VERTICAL TRAVEL (Z-AXIS)	mm	340	340
SPINDLE TO TABLE (MAX)	mm	375	375
SPINDLE TRAVEL / DIAMETER	mm	125 / 90	125 / 90
THROAT DEPTH (MIN - MAX)	mm	200-640	200-640
SWIVEL HEAD (LEFT - RIGHT)	deg	$\pm 90^\circ$	$\pm 90^\circ$
T-SLOT SIZE	mm	14	14
WORK TABLE CAPACITY	kg	175	175
SPINDLE SPEEDS (VERT.)	steps/rpm	8 (115-1750)	8 (115-1750)
SPINDLE SPEEDS (HOR.)	steps/rpm	9 (60-1350)	9 (60-1350)
MOTOR POWER (VERTICAL)	kw/hp	1.5 / 2	1.5 / 2
MOTOR POWER (HORIZONTAL)	kw/hp	1.5 / 2	1.5 / 2
VOLTAGE	V	415	415
DIMENSIONS (LxWxH)	cm	120 x 110 x 200	120 x 110 x 200
WEIGHT (Nett)	kg	970	970

