RK International
Machine Tools Ltd

LILIAN CNC1600 Bedmill with Fanuc OiMF or Siemens 828D control. Belt drive and gear head machines available

MACHINE SPECIFICATIONS

	CNC-1600	CNC-1600G (BT40)	CNC-1600G2 (BT50)
Work Table			
Size	1900 x 500mm	1900 x 500mm	1900 x 500mm
T-Slot (W x No. x Dis)	18 x 5 x 80mm	18 x 5 x 80mm	18 x 5 x 80mm
Longitudinal	1600mm	1600mm	1600mm
Cross	620mm	620mm	620mm
Vertical	630mm	630mm	610mm
Positional Accuracy	0.005/300mm	0.005/300mm	0.005/300mm
Repeatability X/Y/Z	+/-0.003mm	+/-0.003mm	+/-0.003mm
X, Y & Z Motor	1.5kW	1.5kW	1.5kW
Rapid feed speed	10000mm/min	10000mm/min	10000mm/min
Cutting feed speed	1-8000mm/min	1-8000mm/min	1-8000mm/min
Table loading	800kgs	800kgs	800kgs
Spindle			
Taper	BT40	BT40	BT50
Diameter	150mm	-	-
Motor	11/15kW	11/15kW	15/18kW
Torque	S1: 52.5Nm S3: 118Nm	H: S1-52.5, S3-118Nm L: S1-210, S3-472Nm	H: S1-71.6, S3-140Nm L: S1-286.4, S3-560Nm
Spindle speed	8000rpm	8000rpm	6000rpm
General Information			
Air power required	6kg/cm2	6kg/cm2	6kg/cm2
Coolant pump	1/4HP	1/4HP	1/4HP
Work table to floor	880mm	880mm	880mm
Gross weight	6500kgs	6650kgs	6700kgs
Floor space (Half guard)	246 x 186 x 235cm	246 x 186 x 235cm	246 x 186 x 235cm
Electric power	20KVA	20KVA	20KVA

LILIAN CNC1600 Bed Type Milling

Standard Accessories

Choice of: FANUC Oi-MF CNC control or,
SIEMENS 828D CNC control
Coolant system
Transformer (Fanuc)
Automatic lubrication
Spindle air blast
Work air blast
Work light
Alarm system
Rigid tapping
Heat exchanger
Telescopic steel guard
RS232 or RJ45 Interface
M30 Auto power off
Manual Pulse Generator (MPG)
(Gear head: X+Y+Z individual MPG & Rapid feeding switches)

LILIAN CNC1600 Bed Type Milling



Other Lilian bedmills:

[LILIAN OX-1 CNC Bed Type Milling Machine With Fanuc Oi-MF CNC Control]

[Lillian BM 5V CNC Bed Milling Machine]