



BED MILLING MACHINE

MACHINE

MODEL	LAGUN GBR 4
TABLE SIZE	4100mm x 1000mm
X AXIS TRAVEL (TABLE)	4000mm
Y AXIS TRAVEL (RAM)	1200mm
Z AXIS TRAVEL	1500mm (OPTIONAL 2000mm)
MAIN MOTOR POWER	34.5 kW (S6 - 60%) / 28 kW (Continuous)
STANDARD SPINDLE SPEEDS	INFINITELY VARIABLE 40-3000 RPM
MOTOR TORQUE	CONTINUOUS FULL POWER (28 kW) AT 250 RPM (1070 NM) S6 - 60% (34.5 kiwi) AT 250 RPM (1318 NM)
GEARBOX	ZF GEARBOX 2 RANGES
HEAD	50 ISO MANUAL, HURON TYPE, C/W HYDRAULIC DRAWBAR
SPINDLE TAPER	ISO 50 DIN69871/A
MAX FEED RATE / RAPID TRAVERSE	20,000 mm/min
MAX WEIGHT OF COMPONENT	6,000 kgs
MACHINE WEIGHT	18,300 kgs
STANDARD CNC CONTROL	HEIDENHAIN iTNC 530 FULL CNC PROGRAMMING & SIMPLE MENU FUNCTION WITH FULL GRAPHICS

STANDARD FEATURES

LINEAR SCALES	GLASS LINEAR SCALES FITTED TO ALL 3 AXIS
THERMAL COMPENSATION	COMPENSATION TO THE Y AXIS, FROM THERMAL EXPANSION OF THE HEAD.
HYDRAULIC COUNTERBALANCE	WITH A NITROGEN ACCUMULATOR FOR AN INDEPENDENT CONTROL FOR MAX- IMUM SAFETY, LINKED TO ELECTROMAGNETIC BRAKE ON THE Z AXIS BALLSCREW.
SLIDEWAYS	RECIRCULATING LINEAR ROLLER GUIDWAYS ON ALL 3 AXES
MOTORS	DIGITAL A.C. MOTORS TO SPINDLE AND DRIVES

ADDITIONAL COST OPTION FITTED TO THIS MACHINE

REMOTE HANDWHEEL AND RIGID TAPPING FITTED AS STANDARD
2.5°x 2.5° (144 x 144) POSITION FULLY AUTOMATIC MILLING HEAD (*in lieu of Manual Head*)
THROUGH SPINDLE COOLANT 10 BAR WITH AIR PRESSURE
24 STATION RANDOM SELECT DRUM TYPE ATC (Changing in the Vertical Position Only)