

## MACHINING CENTER LAGUN GVC 1000

Ref: 043514



## Bilder



AUTOMATIC TOOL CHANGING DEVICE	GVC 1000
Number of Tools	18
Selection System	NO RANDOM; TWO-DIRECTIONAL
Ø Maximum (adjacent tools)	85 mm
Ø Maximum (alternate tools)	135 mm
Maximum Tool Length	250 mm
Admissible Max. Weight for 1 <sup>st</sup> Tool	8 kg
Admissible Max. Weight for all the tools	90 kg
Toolholder (standard)	MAS-403-ET40
Toolholder (optional)	ISO-40 7388/1 DIN 95871-A
Drawer for Tool Clamping (standard)	MAS-P40T-1
Drawer for Tool Clamping (optional)	ISO 7388/2-A DIN 95872-A
Tool Replacement Time	0 sec
Required Air Pressure	6-7 kg/cm <sup>2</sup>
<b>GENERAL INFORMATION</b>	
Machine Height	2.750 mm
Machine Width	2.030 mm
Machine Depth	2.240 mm
Net machine weight	6.000 kg
Gross Machine Weight	6.300 kg
Total Installed Power	22 kW

TABLE	GVC 1000
Table Surface	1200 x 800 mm
Number and Width of T-slots	3 x 20 x 120 mm
Table height from floor	810 mm
Ball screws (X-Y)	Ø 40 x 18 mm
<b>MOVEMENTS AND CAPACITY</b>	
Longitudinal Movement (X axis)	1600 mm
Cross Movement (Y axis)	900 mm
Vertical Movement (Z axis)	510 + 111.5 mm
Ball screw Spindle to Table	108 + 618 (21/10) mm
Distance Table Centre to Column	260 + 700 mm
Distance Spindle Centre to Column	810 mm
Maximum Load Capacity	780 kg
<b>HEADSTOCK</b>	
Spindle nose taper (standard)	ISO-403-ET40
Spindle nose taper (optional)	ISO-40 7388/1 DIN 95871-A
Speed range (standard)	30 - 6000 r.p.m.
Speed range (optional)	100 - 10000 r.p.m.
Number of Spindles	Infinite Variable
Main Motor Power (AC input)	11.13 kW
Ball screws (Z-axis)	Ø 40 x 18 mm
<b>FEED</b>	
Cutting Speed	According CNC type
Longitudinal and Cross Rapid Movement (X-Y)	20.000 mm/min
Vertical Rapid Movement (Z)	12.000 mm/min
<b>MACHINE ACCURACY</b>	
Positioning	± 0.005 mm
Repeatability	± 0.005 mm
Resolution	± 0.001 mm
<b>MOTORS</b>	
Main Spindle (headstock) Alternating Current	11.13 kW
Spindle Drive (S.S.)	2.30 kW
Y-axis (ball screw) P.S.S.	2.78 kW
	8 kW
	8 kW
	3 kW

