

Horizontal Machining Center LH-630B



SPECIFICATIONS

Travel		
Travel, X/Y/Z	mm	1000/850/950
Spindle Center To Pallet Face	mm	100-950
Spindle Nose To Pallet Center	mm	150-1100
Pallet		
Pallet Size	mm	630x630
Maximum Workpiece	mm	Ø 1000
Maximum Pallet Load	kg	1000

Maximum Workpiece Height	mm	1000
Pallet Surface Configuration	mm	24-M16 Pitch 125
Pallet Indexing		0.001°
Spindle		
Spindle Max. Speed	RPM	6000
Low/Hight Gear Variation	RPM	-
Spindle Max. Torque(Standard)	N-m	165
Spindle Taper		#50 DIN 69871
Spindle Bearing Id	mm	100
Spindle Transmission		Belt Type
Feed Rate		
Max. X/Y/Z Rapid Speed	mm/min	32000
Cutting Feed Rate	mm/min	1-10000
Job Feed Rate	mm/min	1260
Automatic Tool Change (ATC)		
Type Of Tool Shank		# 50 DIN 69871
Tool Capacity	one of a pair	90
Max. Tool Diameter (Without Adjacent Tool)	mm	120(230)
Max. Tool Length	mm	450

Max. Tool Weight	kg	20
ATC Changing Time (T to T)	sec.	5
Tool Selection Method		fixed Address
Automatic Pallet Changer (APC)		
Number of Pallets	one of a pair	2
Pallet Changing Type		Rotary Type
Time For APC	sec.	18
Controller System		
Siemens		840D SL - NCU-710
Motor		
Spindle Motor, Power	KW	22/26
Spindle Motor	N.m	165
X/Y/Z/B Axis Motor	KW	7 / 7 / 7 / 3
Motor, Hydraulic System	KW	2.2
Motor, Coolant Pump System	KW	1.6
Power Supply		
Power Requirement	KVA	42
Capacity Of Oil/Coolant Tank		
Capacity, Hydraulic System	L	60

Capacity, Lubrication System	L	4
Capacity, Coolant System	L	800
Mechanical Specifications		
Height	mm	3362
Floor Area	mm	5966x3570
Weight	kg	23000

Accessories

1. 840D SL - NCU-710
2. Spindle Rpm 6000RPM
3. Spindle Oil Cooling System
4. 3-Axis Linear Scale System
5. 4th Axis Encoder
6. Pallet 0.001 ° Division
7. Pallet T-Slot
8. Cooling System
9. Splash Ring
10. Coolant Through Spindle (CTS 42 BAR)
11. Track Type Chip Conveyor System
12. Chip Cart
13. Indoor Chip Auger
14. Mechanical Oil-Coolant Separator
15. Overhead Chip Wash-Down System
16. Disc-Type Coolant Separator
17. Front Door / Side Door Safety Switch
18. Renishaw RMP-60
19. Tool Length Renishaw NC4
20. Shopmill license
21. Shopmill option (real time simulation)
22. Shopmill option (residual material machining)

23. Tool Storage Capacity 90T
24. M30 Automatic Power-Off System
25. Working Light (Lighting)
26. Warning Light
27. Electrical Cabin Air-Condition System
28. Oil Mist Collector Unit

