

Machine Name : CNC Gantry machining Center

Brand : INNSE BERARDI

Machine Model : ATLAS

Stock No. : 810823

Ex-factory Date : 2017



Main Technical Parameters:

CNC System: Siemens 840DSL

Three-Axis Travel: 5500 mm (X) × 4500 mm (Y) × 1500 mm (Z)

Maximum Distance from the Top Worktable Surface to Spindle Nose: 1750 mm

Minimum Distance from the Top Worktable Surface to Spindle Nose: 250 mm

Column Spacing: 3800 mm

Maximum Distance between the Top Surface of the Worktable and the Top of the Machine

Tool: 6185 mm

Total Height of Machine Tool (from the Ground): 6300 mm

Worktable Size: 3000 mm × 5000 mm

Maximum Worktable Load: 20 tons

T-slot Size (DIN 650): 28 mm

Longitudinal T-slot Distance: 225 mm

Fast Movement Rate: 15,000 mm/min

Resolution: 0.001 mm

Minimum Programming Travel: 0.001 mm

Maximum Thrust: 15 kN

Configuration:

Feed Drive CNC System: Dual motors/pinion and rack CNC system

CNC Feedback System: Heidenhain optical scale LB 382C

Preloaded Recirculating Roller Gasket

Automatic Horizontal Milling Head

Inner Corner Head

Extended Head



Max. distance between top table surface and spindle nose.....mm 顶部工作台面和主轴鼻端的最大间距	1750
Min. distance between top table surface and spindle nose.....mm 顶部工作台面和主轴鼻端的最小间距	250
Clearance between columns.....mm 立柱间距	3800
Max. distance between top table surface and top of machine mm 工作台面与机床顶部间的最大距离	~6185
Total machine height (from floor).....mm 机床总高度(从地面)	~6300
Table widthmm 工作台宽度	3000
Table lengthmm 工作台长度	5000
Max. Table loading capacity.....ton 最大工作台承重	20
"T" Slots - dimensions (DIN 650).....mm T型槽-尺寸(DIN 650)	28
Distance between longitudinal T slots.....mm 纵向T型槽距离	225
Width accuracy of longitudinal central T slots.....mm 纵向中间T型槽的槽宽精度	better than H6 优于 H6
Width accuracy of longitudinal T slots (No. 12 slots).....mm 纵向T型槽的槽宽精度(12个T型槽)	better than H10 优于 H10

TRAVEL OF AXES: 轴行程:

Longitudinal Travel of the table (X axis).....mm 工作台纵向行程(X轴)	5500
Cross travel of RAM (Y axis).....mm (4500 working stroke + 750 for attachment changer + 250 for tool changer) 滑枕横向行程(Y轴) (4500mm的工作行程+ 750mm用于附件头更换+ 250 mm用于刀具更换)	5500
Vertical travel of RAM (Z axis).....mm 滑枕垂直行程(Z轴)	1500
X Axis Longitudinal Feed X轴纵向进给	
Feed range (single range - infinitely variable).....mm/min 进给范围(一档-无限变速)	0-10000
Rapid traverse.....mm/min 快速移动	15000
Table guideways bearingmm 工作台滚柱导轨 预载再循环滚柱垫片(4+4个滚动副,尺寸MR 65)	
X axis resolution.....mm X轴分辨率	0.001
X axis Minimum programming movement.....mm X轴最小编程移动量	0.001
X axis acceleration.....mm/sec ² X轴加速度	1500
Max. thrust on X axis.....kN	15