

Machine Name : Horizontal machining center

Brand : Hüller Hille

Machine Model : NBH 290R

Stock No. : 487285

Ex-factory Date : 2005



Main Technical Parameters:

Worktable size: 800*1000mm

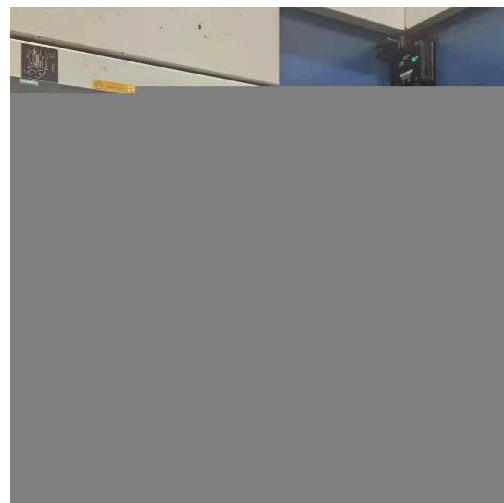
Spindle speed: 10,000 RPM

three-axis travel: 1460*1000*1200mm

indexing resolution of 0.001deg on the B-axis

spindle: HSK100

Water outlet with center





Hüller Hine	
Düsseldorf • Hesse	
3 Mechanical system	
Technical data of the machine, standard and special headstock, HSK 136	
nbh 290 R	
Traverse paths	
X-axis: Max. travel rotary table	1400 mm
Y-axis: Headstock	1000 mm
Z-axis: Column with headstock	1500 mm
Distance in X-axis: Table centre / spindle centre	+/- 750 mm
Distance in Y-axis: Table to headstock centre	150 mm
Distance in Z-axis: Table to headstock centre	275.8 mm
Distance in Z-axis: Table to headstock centre	275.8 mm
Distance in Z-axis: Table to headstock centre	275.8 mm
* Precise zero position of the machine axis: acceptance certificate	
Work spindle	
Speed:	☐ 10000 1/min ☐ 7500 1/min ☐ 6000 1/min ☐ 5000 1/min
Distance of work holding	☐ 100 mm ☐ 120 mm
Toolholder for taper shank DIN 6033-1	HSK-A 100
Speed: infinitely variable speed can be selected in whole numbers with the program	
Speed range, drive power and torque at the work spindle: see chapter Speed Diagram	
Feedrate	
Feed range in X, Y, Z axis	1 - 50,000 mm/min
Feed can be selected in whole numbers with the program	
Feed force in X, Y, Z axis, 25 % duty cycle	24,000 N
Rapid feed	
Rapid traverse rate in X, Y, Z axis	50,000 mm/min
Rapid traverse, B-axis	12 1/min