

SAM 022513**HÜLLER HILLE Type NBH 230 / NBH 290 R**

Group	2 x Horizontal machining center
Manufacturer	HÜLLER HILLE
Type	NBH 230 / NBH 290 R
Commander	SIEMENS SINUMERIK 840 D
Year	2009



Number of machines	2
Longitudinal travel (X-axis)	1200 / 1460 mm
Transversal travel (y-axis)	800 / 1000 mm
Vertical travel (z axis)	1200 / 1200 mm
B axis	9'999 °
Table speed	15 t/min
Holding torque of the table	10000 Nm
Tilting moment	29000 Nm
Pallets:	
numbers	10 / 10
Length	630 / 1000 mm
Width	630 / 800 mm
Maximum workpiece weight	2500 kg
Tool changer:	
Number of tools	300
Tool diameter max.	125 mm
Diameter with free adjacent pockets	250 mm
Tool lenght	650 mm
Max. tool-weight	40 kg
Time of tool changing	2.5 - 4.5 s
Average chip-to-chip time	7 - 9 s
Spindle nose	SK
Distance spindle nose to table	50 DIN69871
Spindle speeds:	130 mm
stepless	
from	25 t/min
up to	6000 t/min
Torque max.	900 / 1130 Nm
Feed range	1 - 36000 mm/min
Rapid traverse:	36 m/min
Voltage	50 Hz 3x
Machine's weight about	400 Volt
Overall dimensions machine:	30000 kg
Length	10000 mm
Width	6000 mm
Height	3800 mm
Space requirement env.	25 X 12 m2
Various accessories:	
FMS system (flexible manufacturing system)	
LPP (Pallet changing system)	



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Zero-point clamping system
Coolant system
Paper filtration system
Tool break control
Set of toolholders
Oil mist extractor

EROWA
1250 I

ca. 700x





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Technical data and photographs without warranty.

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