



Inventory number: 21836

Horizontal machining center
HÜLLER HILLE NBH 230
SIEMENS SINUMERIK 840 D
2003



Technical data

Maximum swing circle of up to	1200 mm
Longitudinal travel (X-axis)	1200 mm
Transversal travel (y-axis)	1000 mm
Vertical travel (z axis)	1200 mm
Table speed	15 rpm
Holding torque of the table	10000 Nm
Tilting moment	29000 Nm
Pallets:	
Length	800 mm
Width	630 mm
Time of changing palets	15.5 sec
Transport weight	1200 kg
Tool changer:	
Number of tools	250
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 sec
Average chip-to-chip time	7 - 9 sec
Spindle nose SK	50 DIN69871
Distance spindle nose to table	130 mm
Spindle speeds:	
stepless	
from	25 rpm

up to	6000 rpm
Torque max.	900 / 1130 Nm
Feed range	1 - 36000 mm/min
Rapid traverse:	36 m/min
Machine's weight about	30000 kg
Overall dimensions machine:	
Length	10000 mm
Width	6000 mm
Height	3800 mm
Various accessories:	
Direct measurement by glass scales	
FMS system (flexible manufacturing system)	
LPP (Pallet changing system)	
Coolant system	1250 l
Booster pump (coolant)	11 bar
Coolant through spindle (cts)	25 / 50 bar
Paper filtration system	
Set of toolholders	
Oil mist extractor	
Measuring feeler gauge	
Spindle refurbished	2015























