



Inventory number: 22513

2 x Horizontal machining center
HÜLLER HILLE NBH 230 / NBH 290 R
SIEMENS SINUMERIK 840 D
2009



Technical data

Number of machines	2
Table load max.	1200 / 2500 kg
Longitudinal travel (X-axis)	1200 / 1460 mm
Transversal travel (y-axis)	800 / 1000 mm
Vertical travel (z axis)	1200 / 1200 mm
B axis	9999 °
Table speed	15 rpm
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 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
Voltage 50 Hz 3x	400 Volt
Machine's weight about	30000 kg
Overall dimensions machine:	
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)	
Zero-point clamping system	EROWA
Coolant system	1250 l
Paper filtration system	
Tool break control	
Set of toolholders	ca. 700x
Oil mist extractor	





































