

SAM 021836**HÜLLER HILLE Type NBH 230**

Group	Horizontal machining center
Manufacturer	HÜLLER HILLE
Type	NBH 230
Controller CNC	SIEMENS SINUMERIK 840 D
Year	2003



Number of tables	2
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 t/min
Holding torque of the table	10000 Nm
Tilting moment	29000 Nm
Pallets:	
Length	800 mm
Width	630 mm
Time of changing palets	16 s
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 s
Average chip-to-chip time	7 - 9 s
Spindle nose SK	50 DIN69871
Distance spindle nose to table	130 mm
Spindle speeds:	
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
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	
Coolant system	1250 l
Booster pump (coolant)	11 bar
Coolant through spindle (cts)	25 / 50 bar

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Spindle blow out device
Paper filtration system
Chip conveyor
Pallets changing device:
Pallets: number
Set of toolholders
Oil mist extractor
Measuring feeler gauge

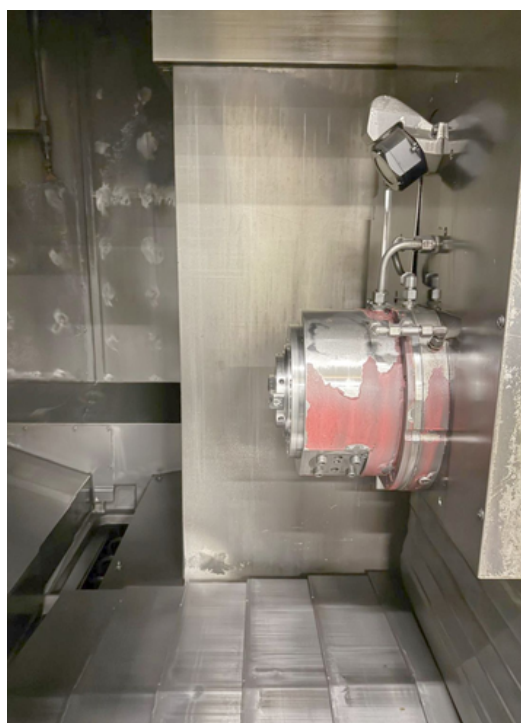
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Notes:

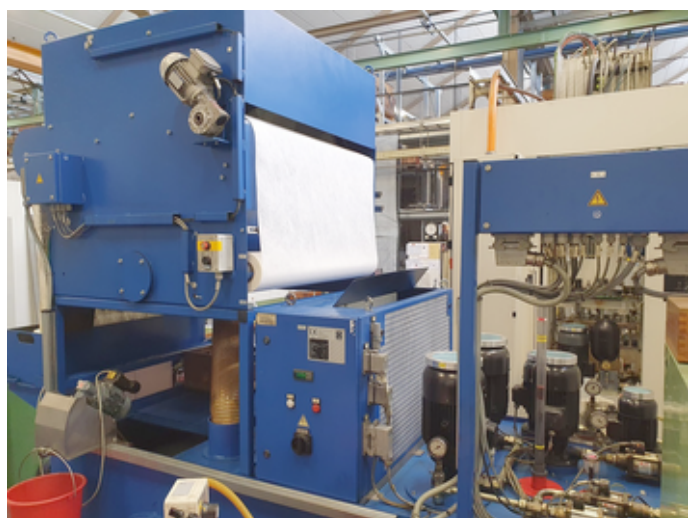
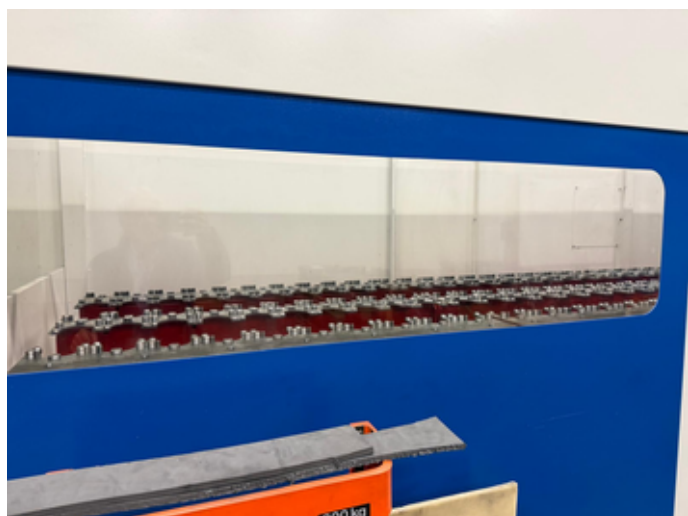
Spindle refurbished

2015









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