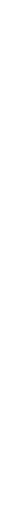


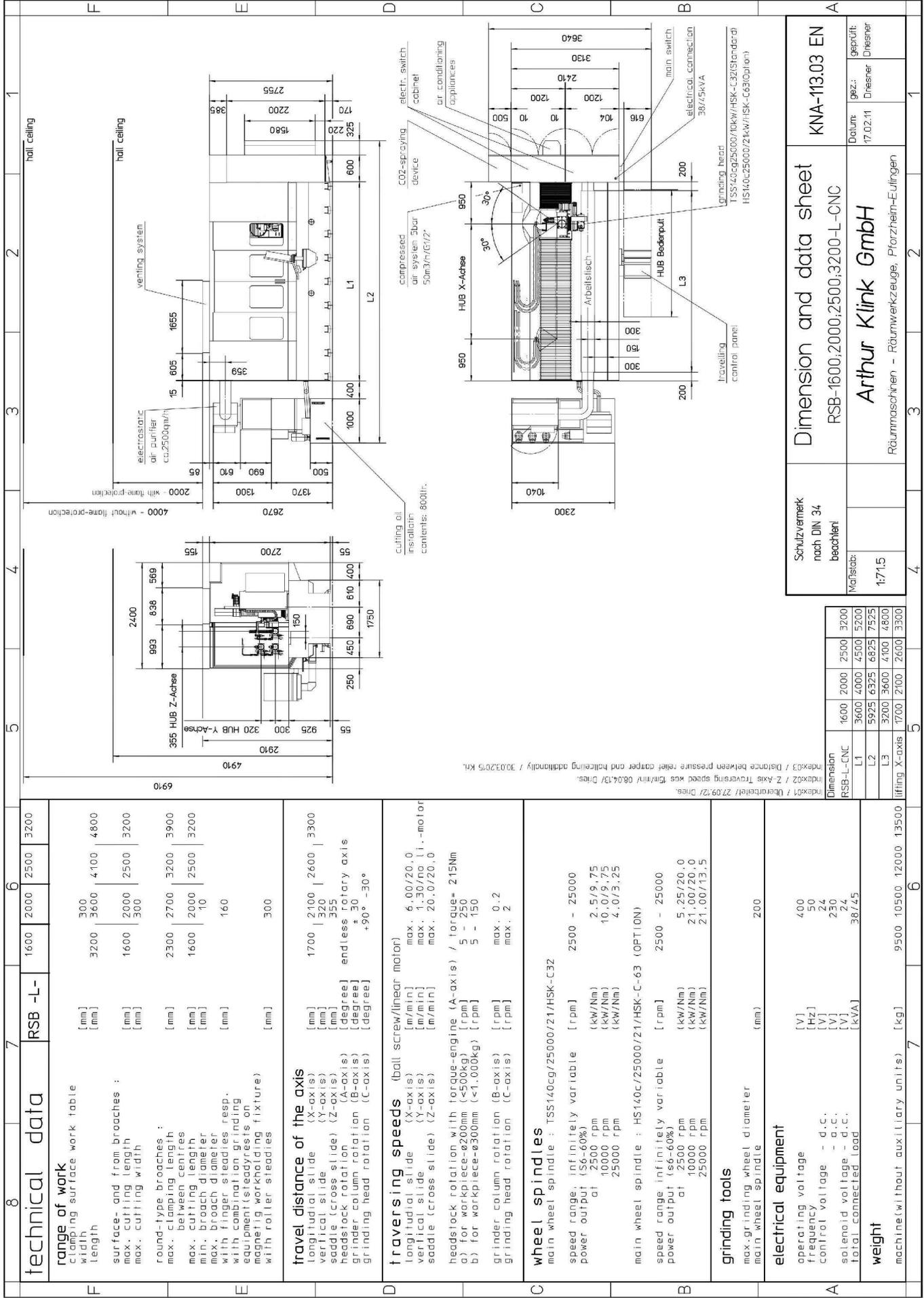
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Broaching Tools • Broaching Machine • Sharpening Machines • TiN – Coating • Contract Broaching



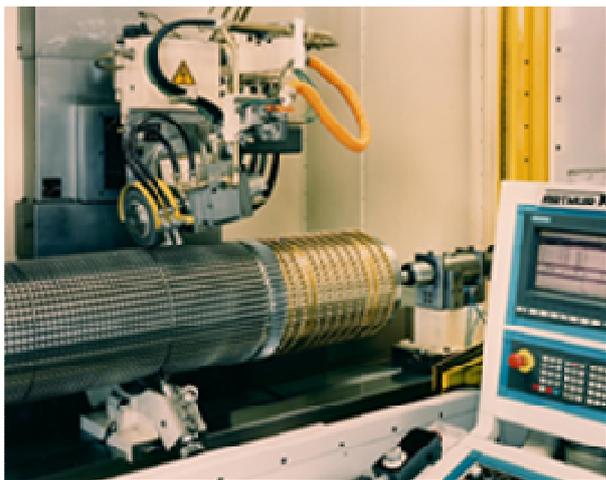
AUTOMATIC
BROACH SHARPENING MACHINES
RSB 1600 / 2000 / 2500 / 3200



technical data range of work clamping surface work table width [mm] 300 3600 4100 4800 length [mm] 1600 2000 2500 3200 surface- and from broaches : max. cutting length [mm] 1600 2000 2500 3200 max. cutting width [mm] 300 round-type broaches : max. clamping length [mm] 2300 2700 3200 3900 max. between centres [mm] 1600 2000 2500 3200 min. broach diameter [mm] 10 max. broach diameter [mm] 160 with finger steadies resp. equipment (steadyrests on magnetically workholding fixture) with roller steadies [mm] 300	
travel distance of the axis longitudinal slide (X-axis) [mm] 1700 2100 2600 3300 vertical slide (Y-axis) [mm] 320 355 saddle (cross slide) (Z-axis) [mm] 320 355 headstock rotation (A-axis) [degree] endless/cotary axis grinder column rotation (B-axis) [degree] ± 30 grinding head rotation (C-axis) [degree] +90° - 30°	
traversing speeds (ball screw/linear motor) longitudinal slide (X-axis) [m/min] max. 6.00/20.0 vertical slide (Y-axis) [m/min] max. 1.30/4.0 saddle (cross slide) (Z-axis) [m/min] max. 20.0/20.0 headstock rotation with torque-engine (A-axis) / torque= 215Nm a) for workpiece=200mm (<500kg) [rpm] 5 - 250 b) for workpiece=300mm (<1.000kg) [rpm] 5 - 150 grinder column rotation (B-axis) [rpm] max. 0.2 grinding head rotation (C-axis) [rpm] max. 2	
wheel spindles main wheel spindle : TSS140c/25000/21/HSK-C32 speed range, infinitely variable [rpm] 2500 - 25000 power output at 2500 rpm [kW/Nm] 2.5/9.75 at 10000 rpm [kW/Nm] 10.0/37.5 at 25000 rpm [kW/Nm] 4.0/31.25 main wheel spindle : HS140c/25000/21/HSK-C-63 (OPTION) speed range, infinitely variable [rpm] 2500 - 25000 power output at 2500 rpm [kW/Nm] 5.25/20.0 at 10000 rpm [kW/Nm] 21.00/20.0 at 25000 rpm [kW/Nm] 21.00/13.5	
grinding tools max. grinding wheel diameter [mm] 200	
electrical equipment operating voltage [V] 400 frequency [Hz] 50 control voltage - d.c. [V] 24 solenoid voltage - d.c. [V] 24 total connected load [kVA] 38.745	
weight machine (without auxiliary units) [kg] 9500 10500 12000 13500	

Schutzvermerk nach DIN 34 beachten! Maßstab: 1:7,15		Dimension and data sheet RSB-1600;2000;2500;3200-L-CNC		KNA-113.03 EN Datum: 17.02.11 geprüft: Dresner gezeichnet: Dresner	
Dimension RSB-L-CNC L1 1600 2000 2500 3200 L2 3600 4000 4500 5200 L3 5925 6325 6825 7525		Dimension RSB-L-CNC L1 1600 2000 2500 3200 L2 3600 4000 4500 5200 L3 3200 3600 4100 4800		Dimension RSB-L-CNC L1 1600 2000 2500 3200 L2 3600 4000 4500 5200 L3 3200 3600 4100 4800	
(lifting X-axis) [mm] 1700 2100 2600 3300		(lifting X-axis) [mm] 1700 2100 2600 3300		(lifting X-axis) [mm] 1700 2100 2600 3300	

BROACH SHARPENING MACHINE



Sharpening round broaching tools



Sharpening round broaching tools

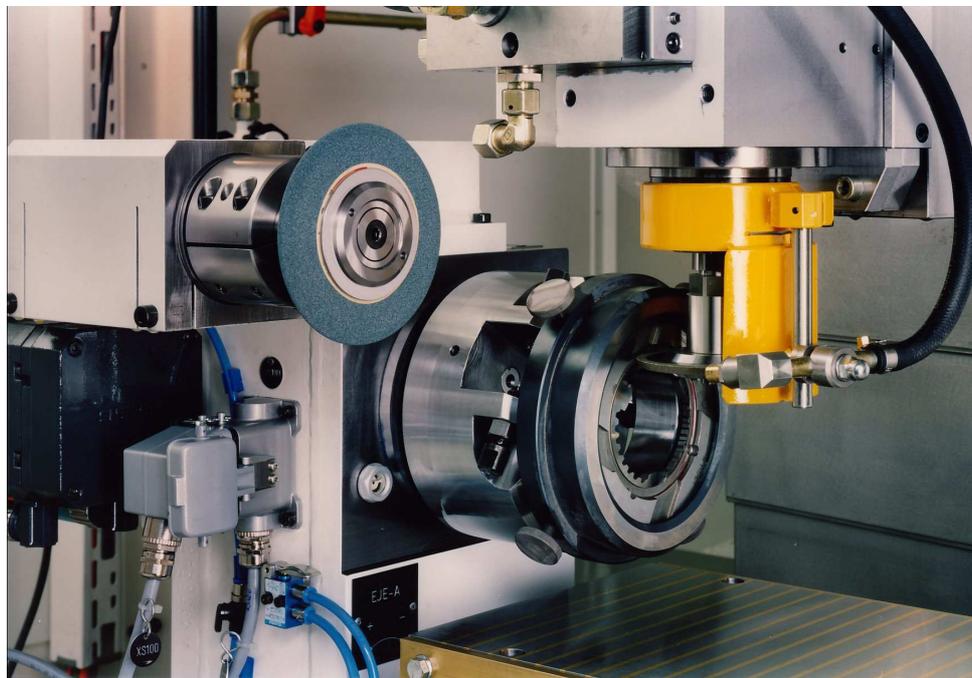


Sharpening helical broaching tools

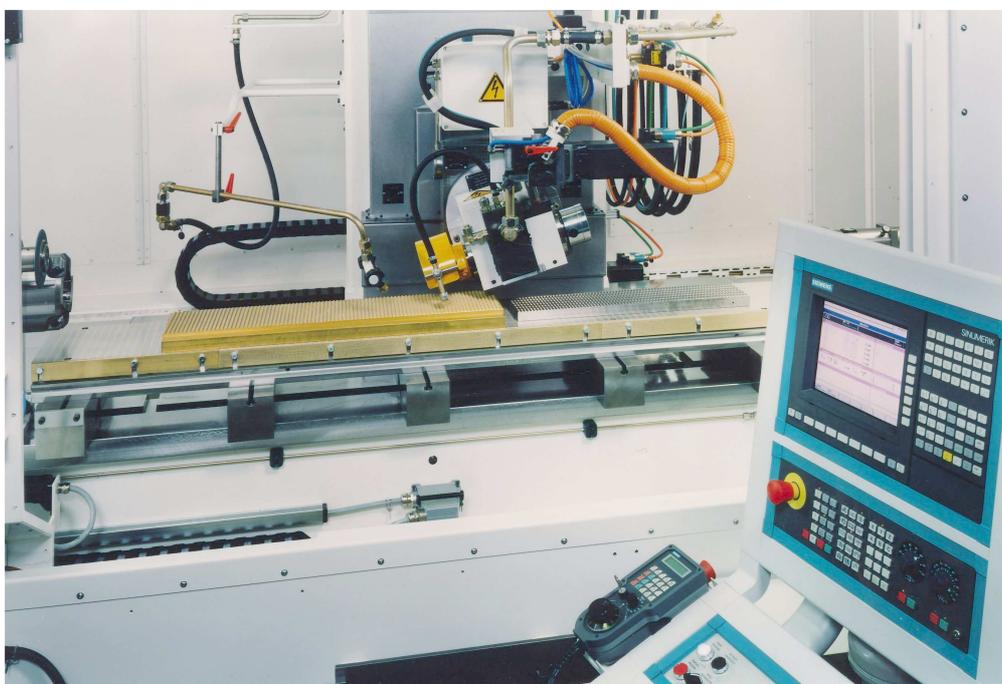


Sharpening hard broaching bushes
(carbide material)

BROACH SHARPENING MACHINE



Sharpening finishing rings pot broaching tools



Flat tool sharpening on magnetic plate

ARTHUR KLINK

INTERNATIONAL BROACHING GROUP

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