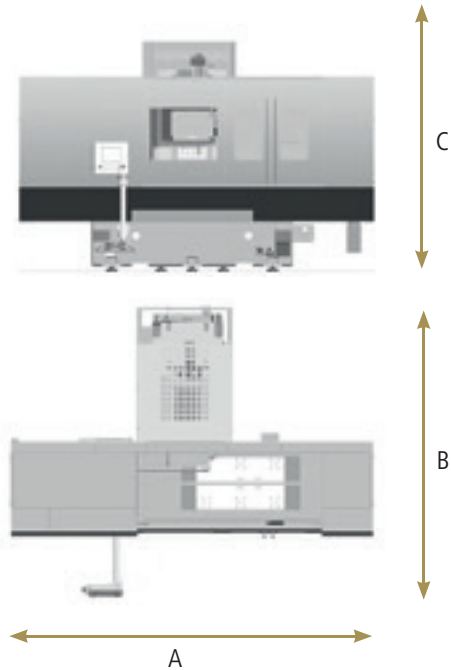




smartLine Basic	N	BD	BL
Grinding Width (mm)	400	600	750
Grinding Length (mm)	600/1,000/1,500	600/1,000/1,500/2,000	1,000/1,500/2,000
Distance Spindle Center to Table (mm)	650	700/900	700/900/1,150
Spindle Power (kW)	5.5/9	10/15	
Spindle Cone (mm)	36	60	
Grinding Wheel (mm)	300 x 50 x 76.2	400 x 100 x 127	

Dimensions / Weight			
Length A (mm)	3,300/4,100/5,200	3,300/4,100/5,200/6,100	4,100/5,200/6,100
Width B (mm)	2,250	2,625	3,000
Height C (mm)	2,350	2,650	2,650/3,050
Weight (kg)	4,700/5,400/6,200	6,500/8,000/9,200/11,500	8,500/10,000/12,500

All values are approximated and may change depending on selected options.
All information is subject to change.



Contact

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Surface and
Profile Grinding



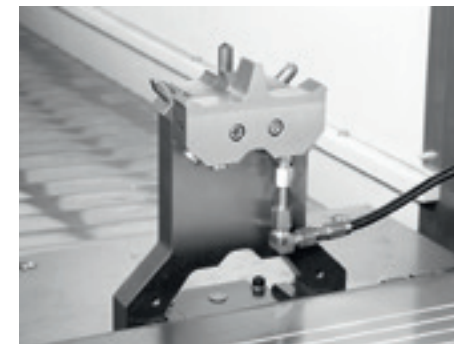
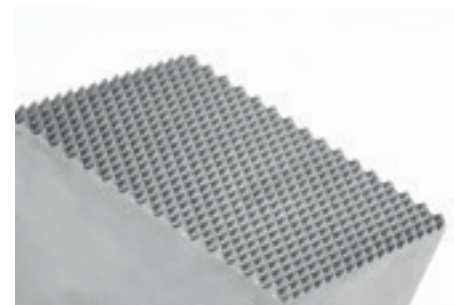
Grinding Applications
for a Global Market

E101508E-0

smartLine Basic

Experience the smartLine Basic

The smartLine covers the entire spectrum of travelling table grinding machines. From simple reciprocation surface grinding through speed-stroke, slot and profile grinding all the way to creep-feed grinding. This machine concept solves every grinding task. The machine's versatile building block system is designed to allow almost any combination of components to solve your specific grinding task.



Folding 3-way dressing unit

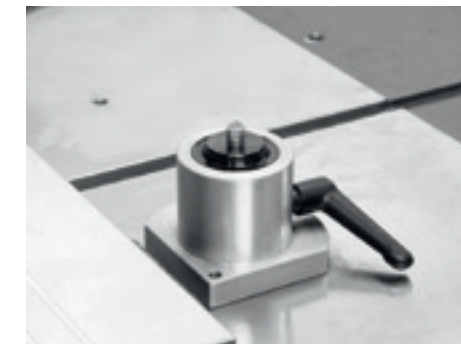


Table-mounted dresser with 1 diamond

Benefit Overview

- Good cost-performance ratio
- Roll dressing unit on spindle head
- Flexible process guidance
- Multi-axes machining

Design Characteristics

Separate Front and Rear Base with fused Joint

- High-precision machining of components
- Highest precision in the machine through exact alignment of the axes before fusing of the base components

Machine Base and Column made from Micro Granit

- Much higher rigidity
- Optimal dampening characteristics
- High thermal stability of machine base and column
- Environmentally friendly through cold casting process

Multi-axes machining

- Up to 10 CNC-axes

Machine Concept

Selection of three Table Drive Systems

- Hydraulic cylinder
- Belt drive
- Ball screw

Can be combined with

- V/flat guideways
- Linear guideways

Three Controls Packages

- xpressCube (SPS-control for surface grinding)
- xpressCube Pro (entry-level profile grinding)
- Sinumerik 840D

Safety

The machines is fully enclosed offering the maximum safety level for the machine operator and the environment.

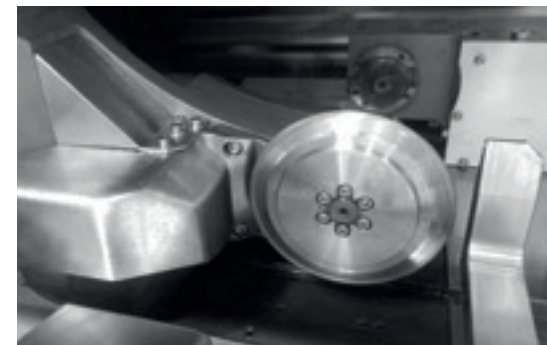


Table-mounted CNC roll dressing unit