

Edge polishing machine ABP 155



ABP 155

The latest generation of edge polishing machine



Highlights:

- Machine core made of vibration-isolating SORB TECH
- Stepless tiltable milling unit in a range of -1° to 48° with digital read-out ($\pm 0,1^\circ$)
- Stepless variable speed
- Rigid front Stop bar
- Computer-based calculation of set values of the tilting angle and the cutting depth
- As standard, prepared to be equipped with 4 cutting tools of the world-wide proven EURACRYL ES systems
- Strong pneumatic clamping cylinders with locking device
- Touch display

Multi-purpose table



- Table with anchorage points for lateral stop bars for rectangular processing
- Standard: right hand side stop
- Option: additional side stops



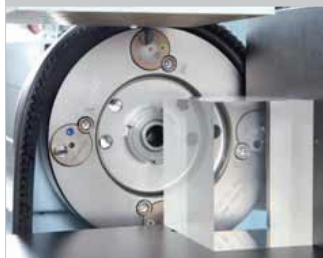
Choose the Original
Choose Success!



Made in Germany

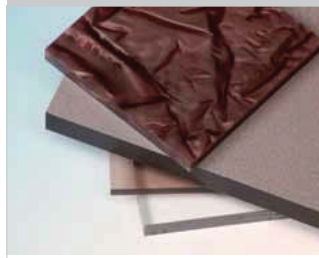


Cutter head with quick-change system



- Changing the cutting tools within 15 seconds without adjustment (tools are optional)

Processing of different materials



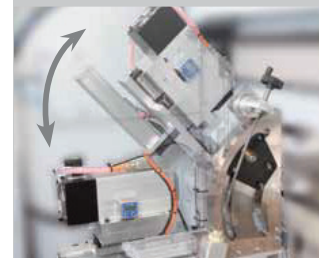
- Different materials and surfaces can be processed by the use of the large variety of the optionally available cutting tools

Easy Tool System



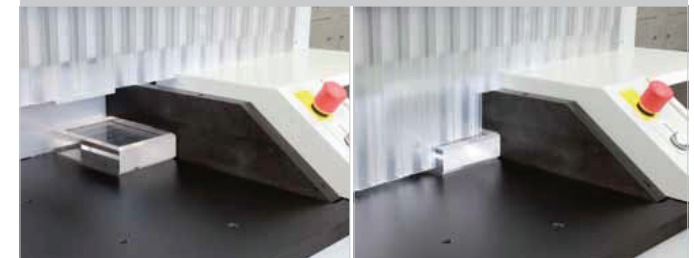
- Comprehensive library with material-specific parameters: cutting data, tool type etc.

Tiltable cutting unit



- Computer-based calculation of the angle and of the cutting depth
- Flow-optimized dust extraction

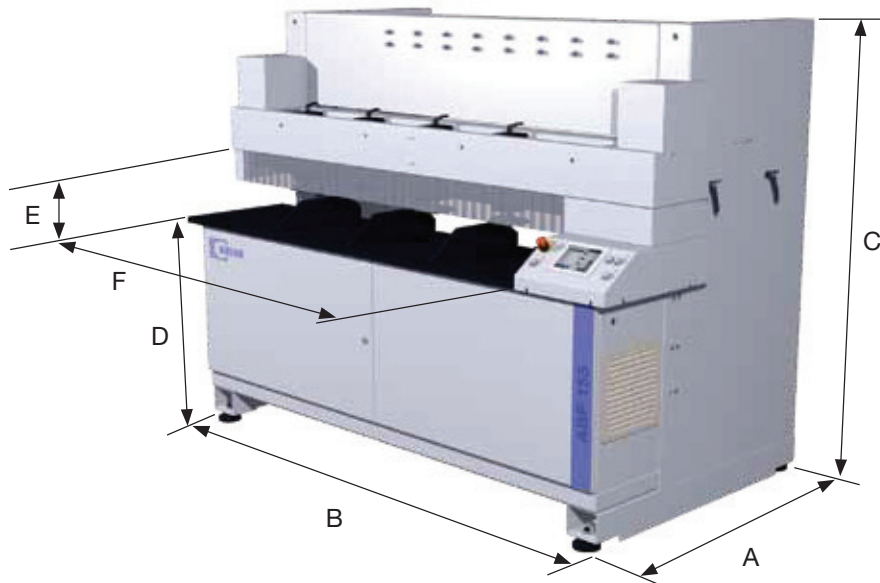
Extensive safety



- A plastic curtain at front and a protection door at rear as well as further devices protect the operator

Technical data

Set-up dimensions



Dimensions	ABP 155	ABP 310
A	1.400	1.400
B	2.400	3.950
C	1.810	1.810
D	925	925
E	120	120
F	1.950	3.500

in mm



Workpiece dimensions		ABP 155	ABP 310
max. working width	mm	1.550 (3.100 in 2 operation cycles by reverting) *	3.100
max. material thickness	mm	120 (at 45° tilting - 85 mm)	120 (at 45° tilting - 85 mm)
max. material depth (table depth)	mm	600 (400) - extension tables as option	600 (400) - extension tables as option
max. loading width	mm	unlimited	unlimited
max. material stack height (limited by stop bar)	mm	120	120
max. tilting angle	degrees	48°	48°

* refinishing of the overlapping section might be required

Machine data		ABP 155	ABP 310
Rotational speed	1/mm	1.000 - 12.000	1.000 - 12.000
Feed speed	mm/min.	500 - 5.000 (depending of surface finish)	500 - 5.000 (depending of surface finish)
Depth of cut	mm	0 - 1,5	0 - 1,5
Compressed air connection	Inch	R 1/2	R 1/2
Compressed air required	bar	min. 7	min. 7
Electrical power- total connection load	kW	ca. 8,1	ca. 8,1
Dust extraction port	mm	ø 80	ø 80
Total machine weight	kg	appr. 1.200	appr. 2.300