



Expert Z

Dust extracting
workbenches

Minimises dust exposure
during grinding work

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POLYTECHNIK

Always one idea ahead

Dust extracting workbenches

Expert Z10, Z20, Z30

for connecting to an external extraction and filter system.

The greatest dust exposure at the workplace occurs in the bench room or during intermediate varnish sanding! With Expert Z sanding dust extraction tables you minimise the dust exposure during sanding work and create an ergonomic workplace and a good working environment.

The Expert Z sanding dust extraction table is a wood dust tested hand sanding and work table for connection to an extraction system or dust extractor. With the Expert Z sanding table you can reduce the person-related dust concentration at the workplace to below $2 \text{ mg} / \text{m}^3$ *.

Due to the low air volume requirement, the Expert Z is not only energy-saving but also quiet. In addition, the combination with an automatic shut-off valve means that extraction power is only ever used when it is really needed.

* For work with very high dust generation, the additional connection of the work equipment to a Hoover.

Flexibility

- The extraction can be done by a mobile dust extractor or the existing central extraction system. The optional arrangement of the
- The right or left suction connection offers a customer-specific installation.
- The compact design ensures a low space requirement.

Safety

- Wood dust tested according to GS-H0-11
- Due to the optional height adjustment of the table, a
- Back-friendly working possible
- Comfortable working is also possible while sitting
- The cover made of a resistant industrial felt
- protects the surface of the workpieces to be machined

Optimum working conditions with Expert Z dust extracting workbenches



With the vacuum clamping device (optional), workpieces are fixed quickly and securely. The secure fixing simplifies the processing of surfaces and edges.

Cost effectiveness

- Low airflow means low energy consumption without sacrificing extraction efficiency
- Special accessories permit rationalised, ergonomic work procedures
- The integrated control and connector panel includes a lockable main switch, 2 power sockets (230 V), as well as 2 compressed air couplings, so helps avoid cable clutter

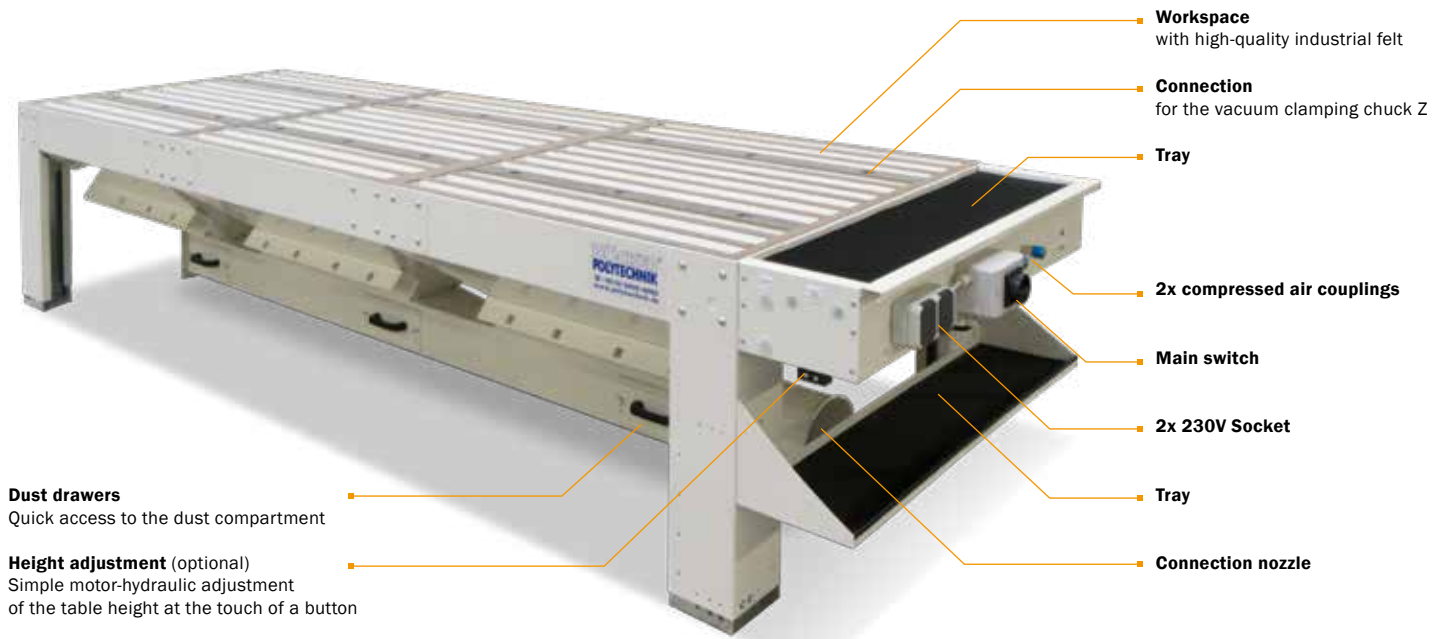
Accessories / Options

The extensive range of special accessories offers much operating comfort and additional benefits:

- Mechanical height adjustment with manual Hydraulic system (hand crank)
- Motorised hydraulic height adjustment
- Vacuum clamping device Z perfect for horizontal and vertical fixing of workpieces. Consisting of pneumatic. Vacuum generator and 2 suction plates (distance: 100 mm x 300 mm) with necessary connection accessories. Incl. fold-out support devices for secure holding of the workpieces (horizontal or vertical).
- Equipment options:
 - LED lighting
 - Injector nozzle with compressed air connection
 - Special painting

Expert Z.

The ergonomic work table for your grinding work



Technical Data

	Expert Z10	Expert Z20	Expert Z30
Work surface (mm)	1,000 x 1,000	1,000 x 2,000	1,000 x 3,000
Width (mm)	1,280	2,280	3,280
Height (mm)	700 - 1,000	700 - 1,000	700 - 1,000
Weight (kg)	ca. 100	ca. 150	ca. 200
Folding supports (mm)	160	160	200
Airflow requirement (m³/h)	1,500	2,000	3,000
Required negative pressure (Pa)	1,060	1,000	1,200
Max. sound pressure level (dB(A))	63	63	63

Vacuum tensinging device: vertical holding force 35 kgs Compressed air connection: 3/8" - LW10, 6 bar, 50 NL/min.

Two Expert Z 20 sanding dust extraction tables in the paint preparation



Expert Z20 dust extracting workbenches with lighting option in practical use





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