ZB SAND

SUCTION BENCH FOR SANDING DUSTS

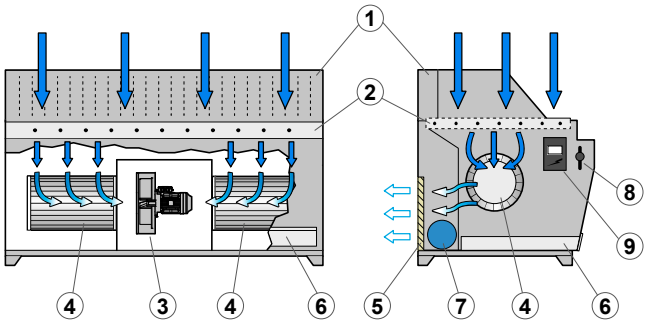
USE

- Suction and filtration of dust produced by sanding

FEATURES

- Built in galvanized metal sheets
- Dust filtration with cartridges made of antistatic aluminized polyester
- Air compressed jet cleaning
- 2 extractable drawers for collected dust
- Final filtration stage with acrylic fiber

COMPONENTS



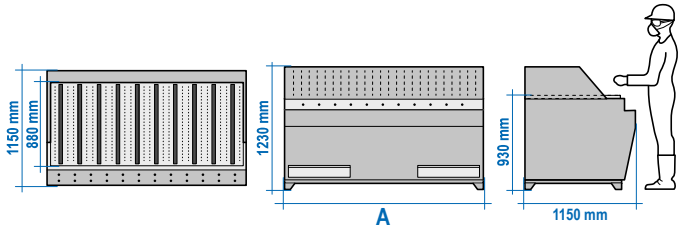
1. Side walls and extraction frontal wall (optional)
2. Vacuum table with scratch-resistant strips
3. Transmission centrifugal aspirator
4. Pleated cartridges in antistatic aluminized polyester
5. Cells with acrylic filters at the outlet
6. Removable collection drawers
7. Compressed air tank
8. Compressed air connection
9. IP55 electrical panel with integrated emergency button

OPTIONAL

- Compressed air connection
- Side walls and frontal suction wall
- Wheel mounted
- Automatic timed filter cleaning system
- Atex vacuum cleaner

TECHNICAL DATA

MODEL	A	FLOW RATE	POWER	CARTRIDGES	Ø CARTRIDGES	CARTRIDGES LENGTH	WEIGHT
	mm	m^3/h	kW	n	mm	mm	Kg
ZB/SAND/1M	1000	2800	1,1	2	325	400	180
ZB/SAND/15M	1500	3900	1,5	2	325	600	210
ZB/SAND/2M	2000	4300	1,5	4	325	600	250
ZB/SAND/25M	2500	5400	2,2	4	325	700	310
ZB/SAND/3M	3000	6500	2,2	4	325	1000	350



ZB E

SUCTION BENCH FOR CENTRALIZED SYSTEMS

USE

- Suction of dust produced by small restoration works, gluing, etc.
- Suction of sanding dust

FEATURES

- Table ideal for centralised systems, supplied as standard without filter, fan and control panel
- Made of high-grade sheet metal panels
- Adjustable feet to adjust the height of the table according to the operator's needs or to allow installation on not perfectly leveled surfaces
- Easy handling by forklift
- Lateral hole for exhausting the air to be treated

STANDARD SUPPLY

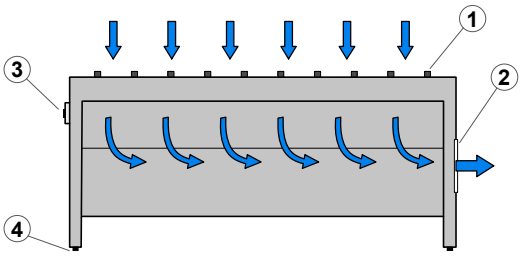
- Galvanized sheet frame
- Scratch-resistant strips
- Adjustable feet

OPTIONAL

- 2 suction side walls and 1 frontal suction wall
- Spark-proof metallic filter

TECHNICAL DATA

MODEL	A	MINIMUM RECOMMENDED FLOW RATE	CONNECTION TUBE DIAMETER	WEIGHT
	mm	m^3/h	mm	Kg
ZB/E/15C	1550	2700	220	110
ZB/E/2C	2050	3600	250	145
ZB/E/25C	2550	4500	270	180
ZB/E/3C	3050	5400	300	210



ZBP

DOWNDRAFT TABLE FOR FUMES AND DUSTS

Model ZBP3
with 6 filters

USE

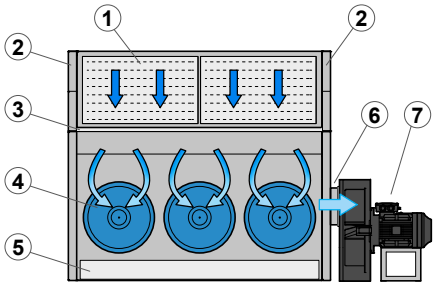
- Welding operations
- Glueing operations
- Blowing operations
- Mechanical operation: Grinding and deburring
- Powder weighing operations
- Operations with dusty substances
- Operations with odorous substances
- Toner cartridge remanufacturing operations for printers

FEATURES

- Strong structure with galvanized metal sheet 2-3 mm thickness
- Strong table top in metal sheet
- Available with scratch resistant top in polypropylene (optional)
- Collection drawers for coarse dusts (standard)
- Perforated metal cartridges for uniform air distribution
- Front and side walls foldable (standard)
- Available in version for centralized without fan (ZBP/C) or already coupled to fan (ZBP)
- ATEX Ex II 3D version (optional)

OPERATION

1. Suction wall removable
2. Side walls removable
3. Suction grid
4. Perforated sheet cartridges
5. Dust collection drawer
6. Air outlet
7. Centrifugal fan (not present in models ZBP/C)



ZBP
DOWNDRAFT TABLE FOR FUMES AND DUSTS

TECHNICAL DATA

ZBP [Downdraft table for welding fumes, with suction walls. Complete with fan]

MODEL	FLOW RATE	DISTRIBUTION CARTRIDGES	FAN	POWER	ΔP AVAILABLE	MAXIMUM LOAD	A	B
	m^3/h	n		kW/rpm	mm H_2O	Kg/m^2	mm	mm
ZBP/ST/1	2400	2	DTD 312	1,1/1400	25	150	1050	950
ZBP/ST/15	3400	3	DTD 314	1,5/1400	25	150	1550	1450
ZBP/ST/2	4200	4	DTD 352	2,2/1400	40	150	2000	1900
ZBP/ST/3	6100	6	DTD 354	3/1400	40	150	3000	2900

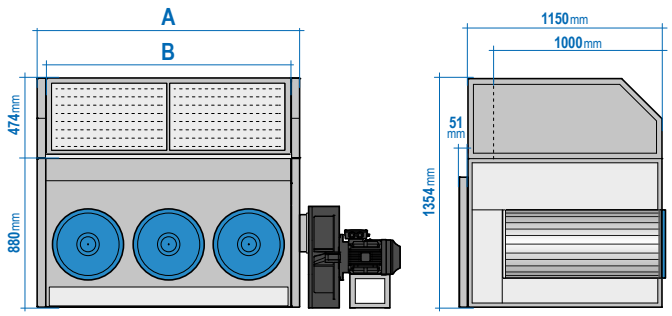
ZBP/C [Downdraft table for welding fumes and grinding and moulding dusts, with suction walls. For centralized system, without fan]

MODEL	Ø IN	DISTRIBUTION CARTRIDGES	MINIMUM RECOMMENDED FLOW RATE FOR FUMES AND ODORS	MINIMUM RECOMMENDED FLOW RATE FOR DUST	ΔP STATIC	MAXIMUM LOAD	A	B
	mm	n	m^3/h	m^3/h	mm H_2O	Kg/m^2	mm	mm
ZBP/ST/1/C	250	2	2400	3600	25	150	1050	950
ZBP/ST/15/C	300	3	3400	5200	25	150	1550	1450
ZBP/ST/2/C	350	4	4200	6300	25	150	2000	1900
ZBP/ST/3/C	400	6	6100	9200	25	150	3000	2900

OPTIONAL

- Soundproofing box for fan
- Cartridges with mechanic prefilter
- Atex EX II 3D version
- Top cover in Lexan
- Top cover and sliding frontal door in Lexan
- Wood grid for table top, lath dimensions 35 x 30 mm
- Scratch-proof polypropilene top

DIMENSIONS



SPARE PARTS

- Perforated metal cartridges
- Perforated metal top

PRODUCTIONS

ZBP POL

DOWNDRAFT TABLE FOR FUMES AND DUSTS WITH CARTRIDGE FILTER

Model ZBP/POL 3
with 6 cartridge filters

USE

- Cleaning operations with blowing
- Mechanical processing operations: grinding and deburring on metals that don't produce sparks
- Weighing operations of powders
- Operations with dusty substances
- Operations to regenerate toner cartridges for printers
- Operations of grinding, sanding and polishing composite materials
- Table working in model workshops
- Table working of fragile and delicate products
- Suitable for dust of 1 µm

RESTRICTIONS

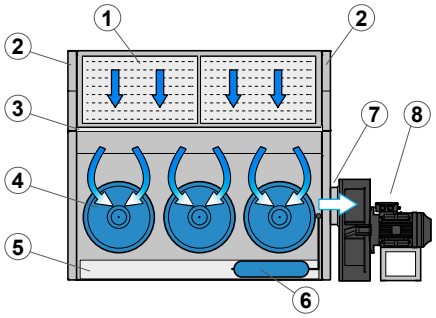
- Not suitable for explosive or flammable dusts, hygroscopic dusts, dusts with humidity > 5%
- Not suitable for mechanical machining of grinding and deburring on metals that produce sparks

FEATURES

- Strong structure with galvanized metal sheet 2-3 mm thickness
- Strong table top in metal sheet
- High efficiency filtering cartridges
- Air compressed counter current cleaning with button for manual actuation (ZBP POL)
- Timer for automatic cleaning with air compressed in counter current (optional)
- Available with scratch resistant top in polypropylene (optional)
- Collection drawers for coarse dusts (standard)
- Front and side walls foldable (standard)
- Available in version for centralized without fan (ZBP/C) or already coupled to fan (ZBP)
- ATEX Ex II 3D version (optional)

OPERATION

1. Suction wall removable
2. Side walls removable
3. Suction grid
4. Filtering cartridges
5. Dust collection drawer
6. Air compressed air cleaning with tank
7. Air outlet
8. Centrifugal fan (not present in models ZBP/POL/C)



ZBP POL

DOWNDRAFT TABLE FOR FUMES AND DUSTS WITH CARTRIDGE FILTER

TECHNICAL DATA

ZBP/POL [Downdraft tables with cartridge filters. Complete with fan]

MODEL	FLOW RATE	CARTRIDGES	CARTRIDGES DIMENSIONS	FILTERING SURFACE	FAN	POWER	ΔP AVAILABLE	MAXIMUM LOAD	A	B
	m^3/h	n	Ø x h (mm)	m^2		kW/rpm	mm H_2O	Kg/m^2	mm	mm
ZBP/POL/1	3600	2	320 x 660	41	DTE 353	3/2800	25	150	1050	950
ZBP/POL/15	5200	3	320 x 660	61,5	DTE 402	4/2800	25	150	1550	1450
ZBP/POL/2	6300	4	320 x 660	82	DTE 403	5,5/2800	40	150	2000	1900
ZBP/POL/3	9200	6	320 x 660	123	DTE 452	7,5/2800	40	150	3000	2900

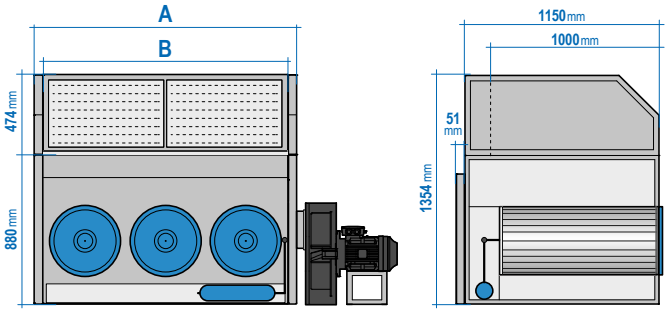
ZBP/POL/C [Downdraft tables with cartridge filters. For centralized plants, without fan]

MODEL	CARTRIDGES	CARTRIDGES DIMENSIONS	FILTERING SURFACE	MINIMUM RECOMMENDED FLOW RATE	ΔP STATIC	MAXIMUM LOAD	A	B
	n	Ø x h (mm)	m^2	m^3/h	mm H_2O	Kg/m^2	mm	mm
ZBP/POL/1/C	2	320 x 660	41	3600	90	150	1050	950
ZBP/POL/15/C	3	320 x 660	61,5	5200	90	150	1550	1450
ZBP/POL/2/C	4	320 x 660	82	6300	90	150	2000	1900
ZBP/POL/3/C	6	320 x 660	123	9200	90	150	3000	2900

OPTIONAL

- Automatic cleaning with timer
- Atex EX II 3D version
- Top cover in lexan
- Top cover and sliding frontal door in lexan
- Wood grid for table top, lath dimensions 35x30 mm
- Scratch-proof polypropilene top
- Soundproofing box for fan

DIMENSIONS



SPARE PARTS

- High efficiency Top Blend cartridges, 320 x 660 mm
- Perforated sheet top

PRODUCTIONS