



KTM-Series workstations are ready to operate (Plug-n-Play) downdraft and backdraft tables which are designed specifically for fume and dust extraction and collection of welding and grinding applications.



PLUG-n-PLAY
Ready-to-operate!

OPERATIONAL SAFETY

- High filtration efficiency with Dust Class: M certified acc. to DIN EN 60335-2-69 standard polyester non-woven and PTFE membrane filter elements for grinding and welding applications.
- Ideal working condition for operator with both down and back draft air suction.
- Fully adjustable Air suction balance between down and back draft by 0-100%.
- Integrated spark separator and first stage DIN EN 779 G3 aluminum mesh prefilter ensure minimum fire risk against sparks and hot particles.
- Fully integrated and internal electrical connection and control panel ensure high operational safety against external effects.
- Special design backdraft inlet traps big fast particles without bouncing and protects operator during grinding operations.

POWER SAVING

- With High filtration efficiency with Dust Class: M certified filter elements, the filtered air is returned to inside which prevents heat and energy losses.
- Semi-automatic jet-pulse cleaning prevents excessive pressured air usage and saves energy.

ERGONOMY - EASE OF USE

- Ergonomic table height and work surface lighting with IP65 protection as standard.
- With Isolated swivelable side walls, easy adaptation to long work pieces.
- Easy access and maintenance to components with solely front and left side access doors.
- Automation and control is implemented with simple control panel with worldwide available components.

PERFECT WORK ENVIRONMENT

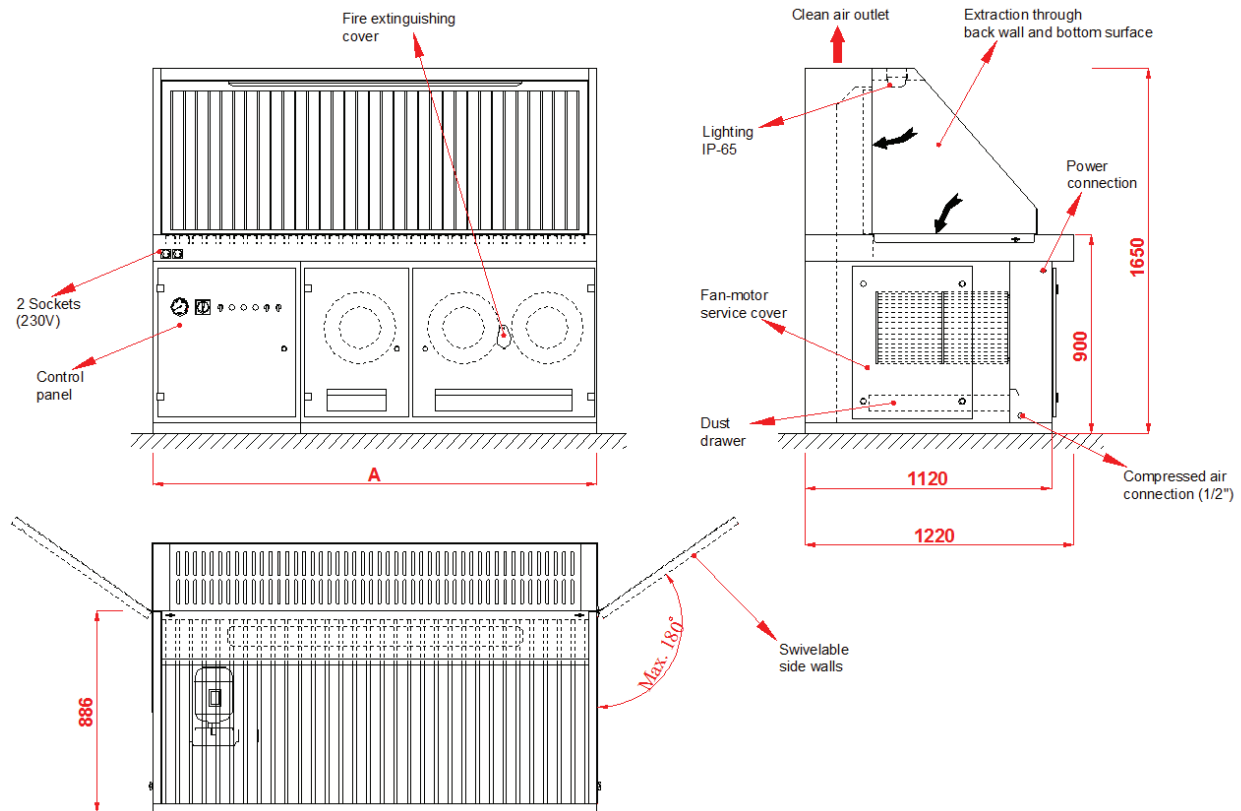
- 230V monophase power supply sockets (2 PCS.) ensure high productivity for working with hand tools.
- OPTIONAL, wooden work surface for sensitive work pieces.
- As standard, low sound levels with integrated flame retardant silencer <70dB(A).

DURABILITY

- High filter lifetime with surface filtration technology up-to 10 000 working hours.
- Durable aluminum prefilter can be washed and reused time after time repeatedly.
- With high efficiency, statically and dynamically balanced Lightweight aluminum fan rotors ensure long service time with minimum wear to electrical motor.

- (1) *KTM-Series workstations are not suitable for materials which have explosive dust characteristics such as aluminum, titanium and magnesium etc.*
- (2) *For alloyed steel processing polyester non-woven ePTFE (Teflon membrane) filter media is recommended.*

Please contact RS TOOL&WELD for technical details and further information.



Description	KTM-1500	KTM-2000	KTM-2500
A (Table Width)	1500 mm	2000 mm	2500 mm
Motor	3,0kW	4,0kW	5,5kW
Aluminum Mesh Prefilter	2 PCS.	3 PCS.	4 PCS.
Cartridge Filter	2x10m ²	3x10m ²	4x10m ²
Dust Drawer	20 (1x20) liter	30 (20+10) liter	40 (2x20) liter
Air Flow Capacity	3600 m ³ /h	4800 m ³ /h	6000 m ³ /h
Weight (Steel Surface)	510 kg	645 kg	785 kg
Weight (Wooden Surface)	530 kg	672 kg	819 kg
Lighting (IP 65)	1x14W – 663 mm	1x28W – 1273mm	1x28W – 1273mm

- KTM-series workbenches are ready-to operate (Plug-n-Play) with integrated Filters, fan-motor, spark separator, silencer and control panel.
- KTM-series workbenches are equipped with Dust Class: M polyester non-woven cartridge Filters (acc. to DIN EN 60335-2-69 standard).
- As optional, ePTFE teflon membrane polyester nonwoven filters are recommended for high alloy steel processing.
- Power Supply 400V, 3P PE ~ 50Hz as standard. (other power supply configurations available upon request)
- As standard, high efficient, backward curved, and directly coupled fans made of aluminum, are statically and dynamically balanced (G2,5).
- Semi-automatic jet-pulse filter cleaning is activated by operator during normal operation conditions when filter cleaning is needed.
- Easy to access to dust drawers.
- Integrated pressured air regulator (0-10 bar). Min. pressured air supply should be higher than 6 bar.
- Standard units are designed for Indoor use only.
- As Optional for sensitive work piece surface qualities, KTM-series can be equipped with wooden bars for top surface.