

## Mobile Welding Fume Extractor



Mobile welding fume extractor has two directional and two rotary polyurethane casters with brake device for easy moving and stationing. It is suitable for the purification of fume and dust generated in all kinds of welding, grinding and other places as well as for collecting rare metal particles and precious material.

Suction arm can be rotated by 360 °and can reach the position flexibly and easily by pulling the handle on the hood and position in the absence of external force. Depending on needs, 2m, 3m flexible suction arm are available. Suction arm uses high temperature resistant, flame retardant and wearable composite material, it will not crack after burning through by spark and has a longer usage life. The diameter of suction arm is 160mm.

The fume comes from the processing will be sucked into the extractor through the hood, first the fume passes the 1st layer spark intercept steel mesh which will separate and intercept the spark initially. And the fume enters into second layer namely filter preventer plate to avoid residual sparks enter into main filter layer directly through ramifying the fume. At last the fume enters the third layer namely the main filter cartridge for ultimate purification. The filtration efficiency can reach 99.9%.As the filtering precision of the main filter cartridge reach the indoor emission standards, after filtration clean air can be directly discharged indoor through the air vent in the bottom of the extractor. This machine needs to manually take down the filter cartridge for cleaning ash.

The filter element of the welding fume extractor is made of imported PTFE membrane filter material of high filtration precision, and the filtration precision reaches 0.1 μm. In accordance with the extractor work intensity and the amount of dust, the usage life of the filter is different. On the control panel, it includes:

- Fan switch
- Power switch
- Power indicating light

### Technical Data:

Model	KSJ-1.5SS
Fan Air Flow	3000 ±100 m³/h
Air Flow Of Treatment	1800 m³/h
Power	1.5 kW
Working Voltage	3x415V/50Hz
Filtering Material	Polyester + PTFE
Filtering Area	8 m²
Filtering Efficiency	>99.9%
Filtering Precision	≥0.1 μm
Filter Cartridge	1 PC
Cleaning Way	Manual Cleaning
Maximum Pressue	2800 Pa
Noise Level	≤74±5 dB (A)
Dimension (WxDxH)	550x550x1165 mm
Net Weight	120±5 KGS

Order No.	Description
C6040150000	Economical fume extractor
C0301301500	Suction arm 3m length,φ160mm,1 Piece
B007000370	Plastic suction hood with adjustable blast gate
BY163000100	Metallic suction hood (Optional)

