

portable dust collectors



FEATURES

- Compact design
- Low maintenance
- Powder coated
- Versatile/mobile
- High Efficiency
- Large casters for ease of movement
- Flexible mounted articulated arm for maximum flexibility (optional)
- Online cleaning reverse pulsejet system (optional)
- Maintenance free blower
- 1 year warranty

Technical Specification

Indoor dust collectors with manual filter cleaning

Model	Power (kw)	Airflow (m ³ /Hr)	Filter Surface Area (m ²)	Dimension LxBxH (m)
DC 1	0.75	1400	0.18	0.5 x 0.5 x 1.1
DC 2	1.5	1850	0.18	0.5 x 0.5 x 1.1
DC 3	2.2	1950	0.25	0.6 x 0.6 x 1.2
DC 5	3.7	2800	0.81	0.8 x 0.8 x 1.3

Indoor dust collectors with manual / automatic filter cleaning mechanism

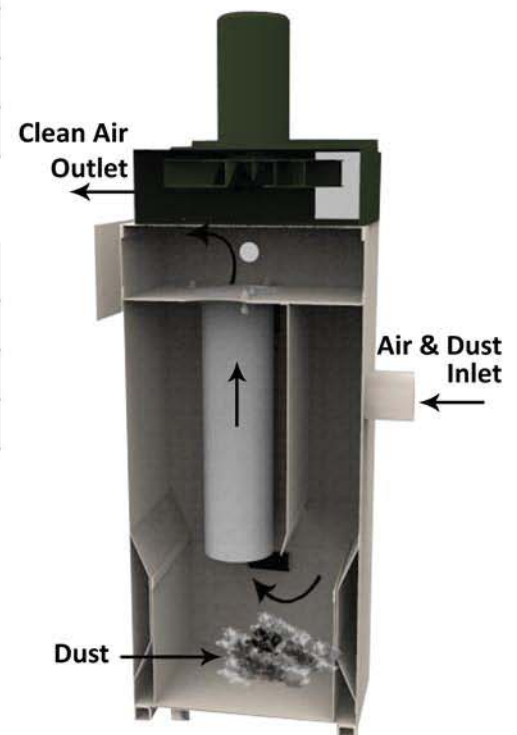
DC SQ 1 F2 / C2	0.75	1400	0.6 / 3	0.7 x 0.7 x 1.6
DC SQ 2 F2 / C2	1.5	1850	0.6 / 4	0.7 x 0.7 x 1.6
DC SQ 3 F2 / C2	2.2	1950	0.6 / 5	0.7 x 0.7 x 1.6
DC SQ 5 F4 / C4	3.7	2800	1.2 / 6	0.8 x 0.9 x 1.6

How It Works

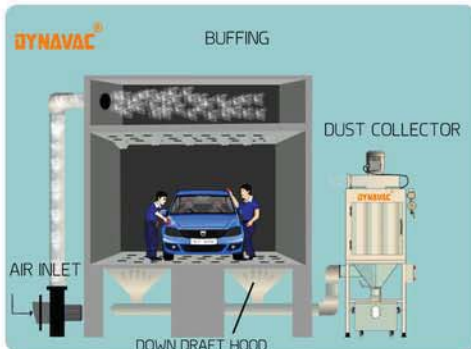
The airborne particulates are removed from the worker's breathing zone by capturing hoods. The dust filled air enters through the intake of the portable dust collector system. The air with dust is then filtered through the cartridges, and exits as clean air, which can be recirculated into the factory.

Pulse jet cleaning systems are available as an option for portable dust collectors. This is essentially an automatic cleaning system, using compressed air that is blown through the filter in the reverse direction and dislodges caked dust from the filter. This self-cleaning system maintains the unit's performance without excessive human intervention.

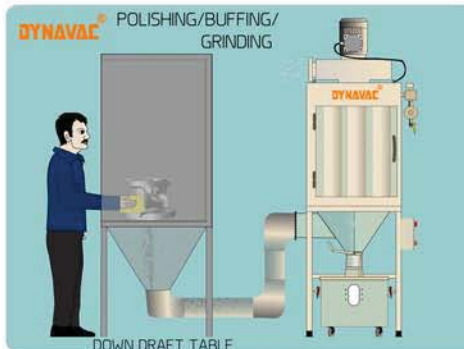
Flow drawing



applications



Dust collection via down draft hoods during automobile buffing operation while fresh air is continuously fed into the grinding area



Dust extraction using down draft table connected to Dust Collector



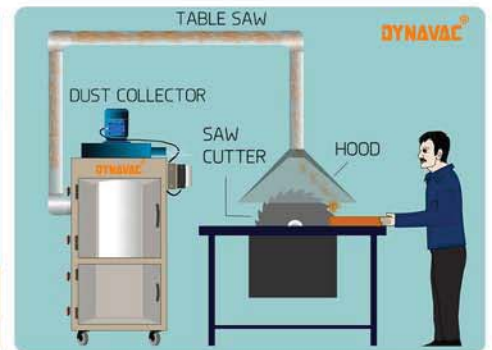
Dust collection from surface grinding operation



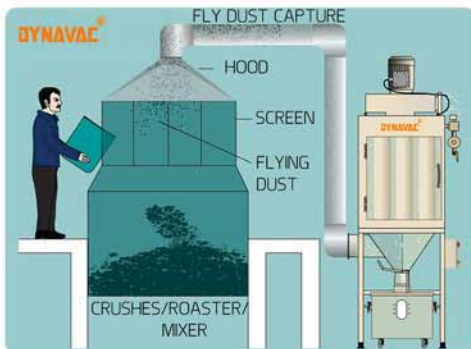
Empty wrappers collection on a conveyor belt with adjustable canopy hood



Dust extraction through exhaust hood fitted around grinding wheel



Dust extraction from sawing operation with canopy hood



Fly dust captured during material feeding operation with canopy hood



Dust extraction from pipe grinding operation



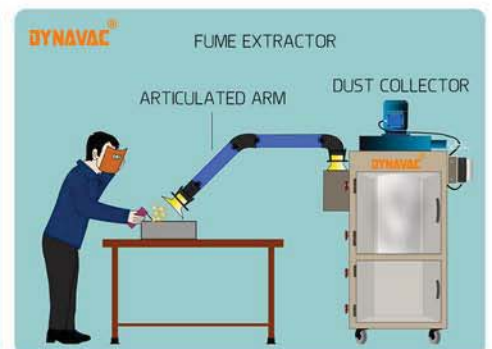
Fly dust collection during product weighing with fixed canopy hood



Dust collection from sawing operation with customized exhaust hood fitted around grinding wheel



Dust particles collection from sifter during sieving operation



Fumes are sucked-out with the help of articulated arm, during welding operation



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