

# DCF Immersion

For handling of metal and other reactive material in a safe way.

Dustcontrol

IMMERSION

Healthy Business

Dustcontrol<sup>®</sup>

[dustcontrol.com](http://dustcontrol.com)

# In a safe way.



Minimize the risk of explosion when handling combustible material.



Compact and portable unit that can be easily transported between workstations.



Recovery and neutralization of combustible metal dusts.

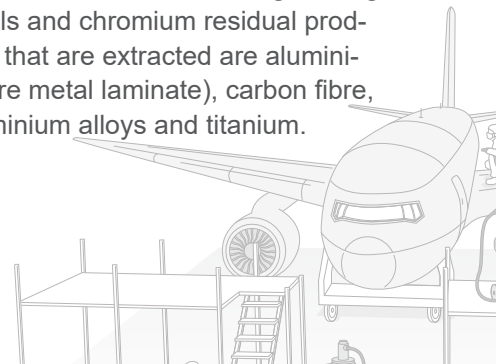


## Aviation & Automotive

In these areas where efficient source extraction and cleanliness is a must: FOD (foreign object debris) control, composite fabrication, wood handling, coating and painting, just to name a few.

Source extraction systems are built from Dustcontrol standard or ATEX/NFPA components, many of them engineered and patented. Suction casings are developed to fit the equipment where dust is created, like grinding, drilling machines, sanders and saws. With a central vacuum system, the dust is often collected in one container for easy disposal. Dustcontrol has a very extensive range of products, which provide reliable solutions with long product life and more efficient production.

In addition to offering a dustless environment for such tasks as drilling, sanding and grinding, the extraction system is used for cleaning tasks and extraction of residual materials during riveting and gluing. Also, sealant materials and chromium residual products are captured. The materials that are extracted are aluminium, GLARE (glass reinforced fibre metal laminate), carbon fibre, fibreglass, epoxy, polyester, aluminium alloys and titanium.



# DCF Immersion

DCF Immersion is a solution for safe collection and handling of metal shavings and reactive materials. System uses a liquid-based method where the material transported through a neutralization fluid and collected into a fine-meshed mesh basket. The material remains in the liquid until it can be safely emptied.

## Safe and efficient operation

An advanced fluid pick-up system with dehumidification filter prevents moisture and fluid from leaving the system. For extra safety A hydrophobic filter can be used as an option. To eliminate the risk For hydrogen formation, a thin mineral oil is recommended as neutralizing fluid. Water may only be used if it is confirmed that no reactions that create explosive gases can occur.

- Fully stainless steel container for maximum durability
- Tight-fitting design with no holes to minimize leakage risk
- Stable chassis with Tromb design
- Equipotential bonding cable for safe operation

With DCF Immersion, you get a safe and efficient solution for demanding industrial environments.



## Technical Info



### Accessories (Part No)

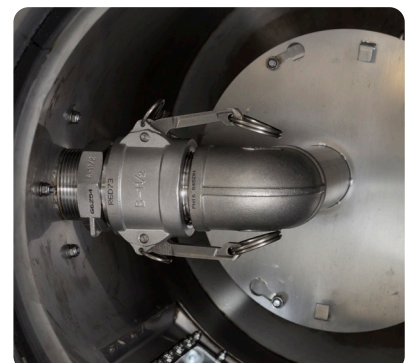
Hydrophobic filter 44108



### Technical data

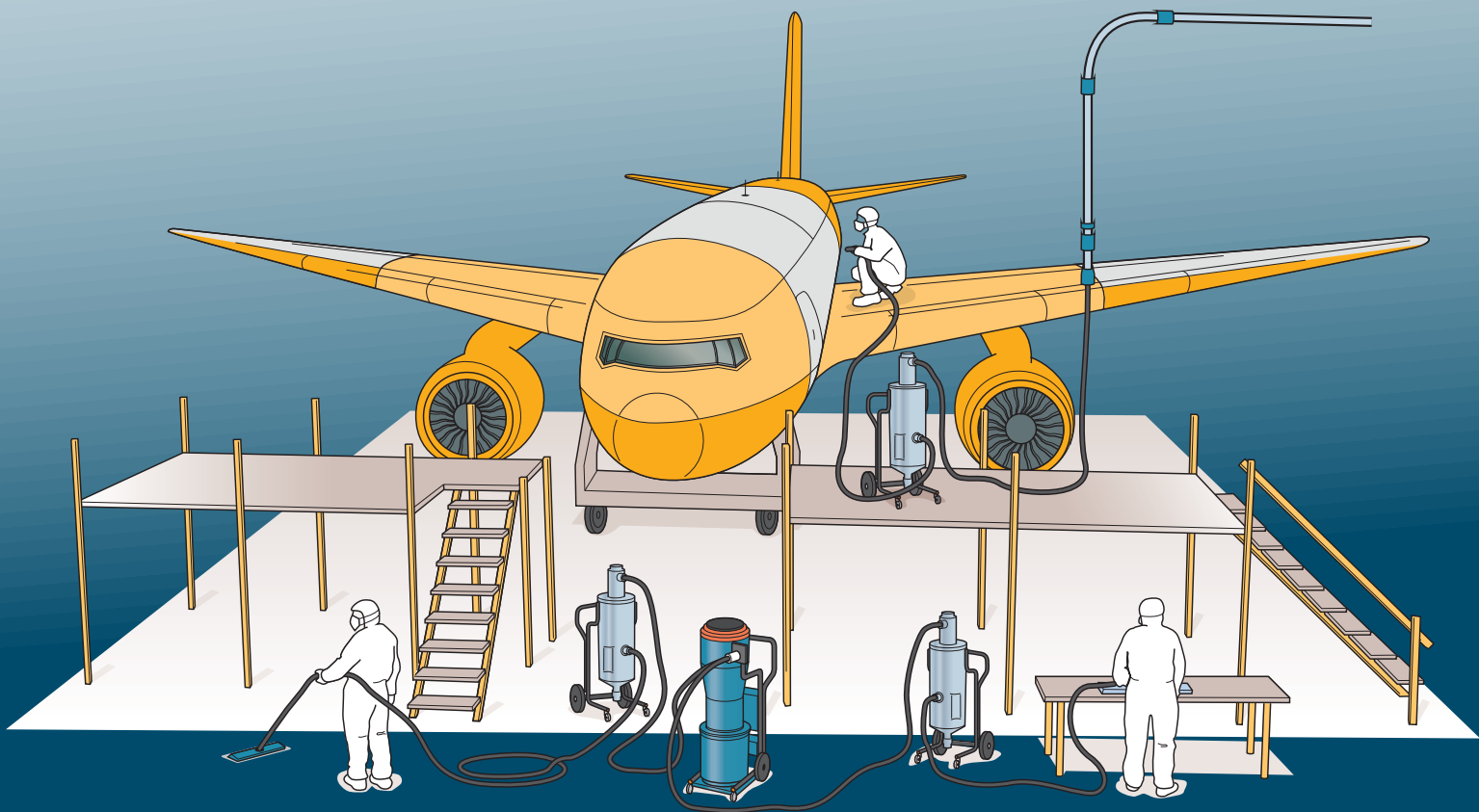
H x W x D	148cm x 62cm x 83.8cm / 58"x24"x33"
Weight	40 kg/88 lbs
Air flow min	140 m <sup>3</sup> /h // 4 944 ft <sup>3</sup> /h
Air flow max	250 m <sup>3</sup> /h // 8 829 ft <sup>3</sup> /h
Neutralizing liquid volume	20 l / 5.3 gal
Neutralizing liquid	0W-20 oil
Chip collection capacity	1 l / 0.263 gal or maximum 5% of the liquid level

Part no DCF Immersion  
74101 DCF Immersion





# DCF Immersion A Clean Industry is a Safe Industry



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