



Dust Collection Services Pty Ltd



DCS CYCLONE DUST SEPARATOR

Australian designed, Australian made, Australian owned.
Technically Advanced Dust Extraction Equipment

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- COTTON GINS
- SAWMILLS
- TIMBER MILLS
- CHAFF MILLS
- GRAIN PROCESSING
- PNEUMATIC TRANSFER

Cyclone Dust Extractor/Separator

Australian designed, Australian made, Australian owned.

STANDARD FEATURES

- Removal of heavy dust particles from air stream
- Pre-Cleaners for more efficient dust collectors
- Can handle relatively low pressure drops (Pa)
- 3mm steel casing and fully welded stiffeners
- Two pack paint system as standard.
- 3/1D design
- 2/2D Design
- Receding Scroll Design

OPTIONAL EQUIPMENT

- Integral or remote mounted fan.
- Static regain chamber
- Discharge valve options
- Discharge options

Flexible solutions for your business needs

We will custom design an efficient dust extraction system to suit your exact requirements.

DCS Cyclone Collectors

DCS build the 1/3D configuration which are a high efficient cyclone collector, this is to ensure running cost are kept to a minimum. Dependent on the application DCS can also manufacture the 2/2D.

The cyclone collector is commonly used for the removal of coarse or heavy dust particles from an air stream, as a pre-cleaner for more efficient dust collectors and/or a product separator in air conveying systems. The key advantages are that they are low principle cost, low maintenance, and relatively low pressure drops. Cyclone dust collectors are still the most common dust extraction units used by cotton gins, sawmills and timber milling applications where larger particles and high volumes of wood waste need to be collected.

The cyclone collector is not suitable for very fine dust particles or fume applications