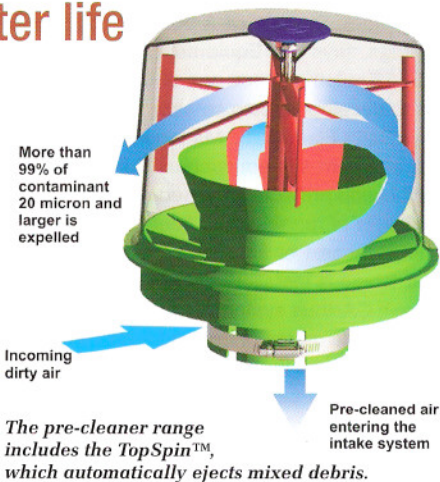


# Pre-cleaners extend filter life

With Donaldson's full range of pre-cleaners, users can extend the life of the air filter by removing up to 90 % of the dirt and contaminants before they reach the filter. The pre-cleaners are designed especially for equipment operating in very heavy dust and debris environments such as agricultural and construction vehicles and mining equipment.

The Donaspin™ pre-cleaner has built-in louvres that spin the air to separate up to 98 % of incoming dirt and debris from the air intake system. It works as part of a scavenged flow system to continuously expel pre-cleaned contaminants through the exhaust flow. The Donaspin™ has a durable, corrosion-resistant steel construction. There is no maintenance required and it has no moving parts.

The Donaldson pre-cleaner range also includes the TopSpin™ which automatically ejects mixed debris. It operates at a lower RPM, meaning less noise and a longer bearing life. Installation is quick and easy with only one clamp required to tighten the ele-



ment to the intake system.

Both these pre-cleaners are self-cleaning and require no maintenance. The extensive range covers airflows from 2 m<sup>3</sup>/min to 42 m<sup>3</sup>/min.

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