

Introducing the Amphitec Vortex



Bagnall Construction's Amphitec Vortex –

Superior Suction and Blowing Solutions

The Amphitec Vortex offers one of the best solutions on the market for sucking and blowing wet and dry materials.

Key details

- Suction: Powerful suction capabilities for various materials.
- Blowing: Efficient blowing system for dry materials, fitted with a Roots 11,000 blower.
- Performance: Capable of sucking up to distances of 500m and depths of over 50m, depending on the material.
- Tip and Hi-Tip: Versatile tipping options, including tipping into skips approx. 1.8m high.
- Wet and Dry: Suitable for handling both wet and dry materials.
- Remote Control Boom: Up to 10 inch boom operated via wireless remote control.
- Capacity: 14m³ barrel capacity.

Blowing System

- Functionality: Allows for the discharge of free-flowing dry materials through a hose, including discharge into a silo or ballast/gravel onto a flat roof.
- Operation: After filling and subsequent tipping of the tank, products flow into the blowing outlet. The product is pneumatically transported through the blowing hose using airflow and pressure supplied by the vacuum pump via an internal aeration and venturi system.
- Performance: Capable of blowing up to 40mm dry material over 200m horizontally and 70m vertically.

Applications

- Wood Chip Extraction: Efficient extraction of wood chip filter material from inside an odour control facility.
- Sand Removal: Effective sand removal capabilities.

Additional features

- Hydraulic Hammers: A set of hydraulic hammers under the main tank and filter housing to help remove material that sticks in the barrel when tipping.
- Jet Wash: High-powered jet wash with a 500-liter water tank.
- Compressed Air System: Includes an air pick for additional functionality.

