

www.clydematerials.com

the number one name in industrial vacuum cleaning systems



STURTEVANT

vacuum cleaning

food & pharmaceutical

cement

minerals

non-ferrous metals

because the smallest details

sand filling

make the biggest difference

iron & steel

CLYDE
MATERIALS
HANDLING



When it comes to
Industrial Vacuum Cleaning Systems,
no-one else has more experience than

STURTEVANT

Number one Since 1893

Having introduced the principle of turbine vacuum cleaning during the early 1900's. Clyde Materials Handling's Sturtevant brand is still the leading name for industrial mobile vacuum cleaners and centralised vacuum cleaning systems.

With over 100 years of manufacturing expertise, Sturtevant systems can be found in every sector of industry, from general housekeeping duties to highly specialised applications involving hazardous products or materials with abrasive, toxic or explosive characteristics.

Whatever the requirement, Sturtevant has the expertise and the experience to provide the right solutions. These are some of the features that make Sturtevant so special.

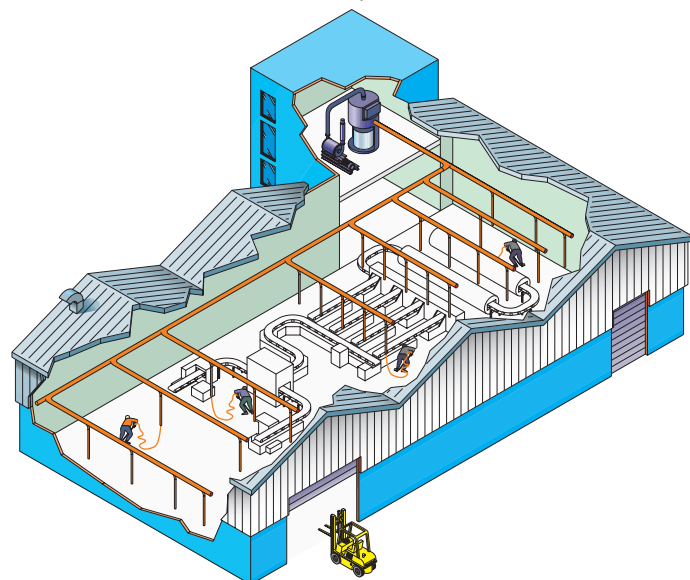
- Every component or product is designed to achieve optimum efficiency
- The turbo air exhausters provide ideal vacuum/airflow characteristics and are designed to tolerate dust laden air in the event of filter failure
- Power consumption varies in proportion to air throughput, resulting in minimum operating cost.
- Engineered for long-life - in excess of 20 years
- Routine maintenance is limited to periodic lubrication, belt tensioning and filter seal checks
- 'H' type HEPA (High Efficiency Particulate Arrester) filtration is available
- Systems also available for liquids or damp materials

Centralised Systems

These are the most effective solution where quantities of dust or other material must be regularly removed from one or more floor levels to a central point on a regular basis, or where the local conditions preclude the use of a mobile machine.

A series of hose connection points at key locations throughout the building are connected by a system of fixed pipework to a conveniently sited filter separator and turbo exhauster unit. This allows material to be drawn from several locations to a single point for disposal or recycling back into the process.

- Systems for industrial or office applications
- Choice of mobile (truck mounted) or fixed exhauster unit
- Simple and effective to operate
- Can accommodate several operators working simultaneously
- Suitable for new build or retro-fit
- Systems can be provided to handle materials that are abrasive, toxic or explosive





Mobile Vacuum Cleaning

The Sturtevant range includes models for every requirement from general housekeeping duties to process spillage collection, and for solids or liquids. Power options on selected models include electric, compressed air, propane gas or petrol and there are flameproof machines for use in hazardous environments. The range include:

- Zephyr** - A range of compact general duty cleaners with 16 litre capacity and 1000W motors.
- Lynx** - (Description to be inserted - information to come).
- Tiger** - Combines compact design and 48 litre capacity with strong suction resulting from 2 or 3 individually switched 1000W motors.
- Panther** - For the more demanding industrial application. 48 litre capacity and a choice of 2.2kw or 4kw options.
- Cougar** - For bulk pick-up and heavy duty cleaning. Removable heavy-duty collection bin. Choice of motors: 3 phase, 4kW or single phase 3kW.
- Chieftain** - This 'ultimate' mobile comes in 56 or 112 litre capacity versions with either 7.5kw or 15kw motors. Can also be used with fixed pipework a centralised system.

Exhausters & Blowers

Whether the requirement is to replace a unit on an existing centralised vacuum cleaning system or to power a pneumatic conveying system, Sturtevant offer a wide choice of value engineered products. Low running and maintenance costs are a common factor and options range from the simplest 2kW exhauster and filter set ups to substantial process integrated systems of 75kW and more.



Customised Models

Wherever there is a need to collect material for recycling or disposal, Sturtevant can customise machines and systems to meet individual user specifications. Examples to date have included mobile machines for the M.O.D for use aboard aircraft, sump cleaners for collecting dirty machine oil for disposal, machines constructed to food industry standards for the collection of spillages from conveyor lines and centralised systems for applications ranging from pharmaceutical production to power generation.





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