

Industrial cleaning solutions

INTRODUCTION

Having introduced the principle of industrial vacuum cleaning at the turn of the 20th century, Sturtevant is now recognised as the leading name in the manufacture of mobile vacuum cleaners, fixed centralised vacuum cleaning systems for industrial and commercial use.

Applications are varied, extending from computer suites and power generation plants to mineral processors and food and pharmaceutical manufacturers.

Sturtevant specialises in supplying cleaning solutions for handling hazardous or difficult products.

STURTEVANT GENUINE PARTS AND AFTER SALES SERVICE

Sturtevant genuine parts can only be purchased from Clyde Materials Handling Limited.

Clyde Materials Handling Limited hold stock of most parts for centralised, trailer and tanker mounted systems as well as for all mobile vacuum cleaners, old and new.

Our Customer Care Charter guarantees that if we do not hold the item in stock, it will be available within five working days of a formal request.

In addition to this, Sturtevant can provide a first class after sales service through the Customer Care department. Annual customer care contracts, maintenance visits, and consultation on process operation are all available from the Customer Care department.

For more information on the full range of services, please contact 01302 321313

CUSTOMER CARE CHARTER

To provide a professional and timely response to all our customers problems and requests for spares, service and support. We will endeavour to have Service Engineers available to attend the customer's site within 48 hours of a formal request being made, and provide a prompt turnaround in strategic recommended spares item, with five working days being the maximum in the majority of cases.



Cleaning

Industrial cleaning solutions

ST 10 MODEL



Available in 110 or 240 volt single phase 50hz (400hz for aircraft cleaning) 1000 watt Direct Air Flow Motor.

10 litre holding capacity mounted on four wheeled castor base, 32mm screwed connection supplied complete with full range of accessories.

Available with Type H filtration for Hazardous Materials.

MACHINE PERFORMANCE:

Maximum vacuum: 2,500 mm water gauge.

Maximum airflow: 43.5 Litres per second.

ST 15/S MODEL

Available in 110 or 240 volt single phase 50hz (400hz for aircraft cleaning) 1000 watt Direct Air Flow Motor. (Alternatively Compressed Air Operated).



15 litre Stainless on four wheeled base, connection

Steel container mounted 32mm screwed

supplied complete with full range of accessories.

Available with Type H filtration for Hazardous products.

MACHINE PERFORMANCE:

Maximum vacuum: 2,500 mm water gauge.

Maximum airflow: 43.5 Litres per second.

TIGER MODEL

The Tiger range combines compact design, 48 litre holding capacity and robust construction with tremendous suction power.

2 or 3 low noise, individually switched 1000 watt motors ensure excellent pick up for even the most dense materials.

Available with Type H filtration for Hazardous products



individually switched 1000 watt motors ensure excellent pick up for even the most dense materials.

PANTHER MODEL

These tough, versatile 48 litre capacity cleaners come with a choice of heavy duty 2.2 kW or 4 kW motors to provide the impressive performance levels required for most industrial applications.

Continuous operation machines are available for particular applications.

Available with Type H filtration for Hazardous products.



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ST 45/S WET & DRY MODEL



110 or 240 volt single phase 50hz Twin 1000 watt By-Pass Motors.

Alternatively, Compressed Air Operation is also available.

45 litre Stainless Steel container mounted on four wheeled caddy trolley with pushing handle, 50mm screwed connection.

Available with Type H filtration for hazardous materials.

MACHINE PERFORMANCE:

Maximum vacuum: 2,500 mm water gauge.
Maximum airflow: 82 litres per second.

TYPE H MODEL

110 or 240 volt single phase 50hz. Available with single or twin 1000 watt Direct Air Flow Motors. (Alternatively Compressed Air Operated)

All machines conform to the Type H Specification having three stages of filtration for Hazardous materials. Stainless Steel canisters mounted on four wheeled trolley.



MACHINE PERFORMANCE: Single motor

Maximum vacuum: 2,450 mm water gauge.
Maximum airflow: 46 Litres per second.

MACHINE PERFORMANCE: Twin motor

Maximum vacuum : 2,450 mm water gauge.
Maximum airflow: 82 Litres per second.

CHIEFTAIN MODEL

Available in 56 & 112 litre versions with either 7.5 kW or 15 kW motors, the Chieftain range is designed to tackle the jobs that smaller machines can't cope with.

Amongst its many features is an automatically operated mechanical shaker which provides fast, efficient filter cleaning. It can also be used in conjunction with fixed pipework to provide a multi-level centralised vacuum cleaning system.



Available with Type H filtration for Hazardous products.

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CENTRALISED SYSTEMS

Sturtevant Centralised Vacuum Cleaning Systems are the most effective solution where quantities of dust or other material must be regularly removed from the work place, from one or more floor levels to a central point on a continuous basis or where the requirements for hygiene and safety preclude the use of portable cleaners.

Sturtevant centralised systems can be designed into new buildings or installed in existing buildings. Whichever the option, Sturtevant can provide a comprehensive service including advice, design, installation, commissioning and after sales service.

A typical centralised system will include hose connection points in key areas throughout the building, with interconnecting pipework to couple them to a conveniently sited filter separator and turbo exhauster unit.

Hose connection points can be of a flush design to comply with the relevant hygiene requirements and interconnecting pipework can be fabricated from plastic, mild steel or stainless steel. The turbo exhauster is rated to ensure that system efficiency is maintained when several operators are working simultaneously.

Sturtevant centralised systems are in daily use in applications as diverse as churches and cereal producers.

Other specialist applications include many materials that are abrasive, toxic or explosive, where the system helps to protect both personnel and plant.

WHY YOU SHOULD SPECIFY STURTEVANT

Efficiency

Every component or product is specified to achieve high cleaning efficiency even under the most difficult conditions. Slow running, quiet Sturtevant turbo air exhausters offer ideal vacuum/airflow characteristics and enjoy a high tolerance to dust-laden air in the event of a filter failure.

Economy

The power consumption of Sturtevant multi-stage turbo exhausters varies in direct proportion to air throughput, so operation is constantly available at minimum cost; no power consuming balancing valve is needed.

Durability

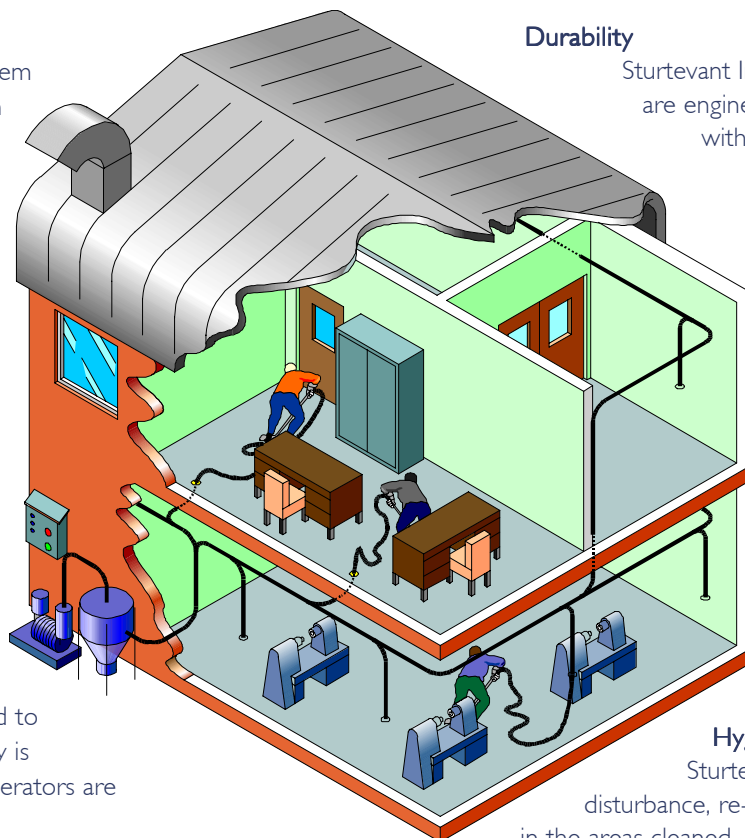
Sturtevant Industrial Cleaning Solutions are engineered for maximum durability with a typical life span in excess of 20 years.

Minimum Maintenance Requirement

Routine maintenance of Sturtevant systems is minimal, confined to periodic lubrication, drive belt tension and the checking of filter seals. A variety of on-site service and preventative maintenance packages is available from Sturtevant.

Hygiene

Sturtevant systems eliminate dust disturbance, re-circulation and contamination in the areas cleaned. Efficient modern filter designs ensure that air exhausted to the atmosphere meets appropriate emission control legislation as well as local site requirements. Collected material can be disposed of in a completely dust-free process and, where desirable, both liquids and solids can be discharged continuously into sealed systems.



CLYDE MATERIALS HANDLING

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