



STURTEVANT Panther

The Sturtevant Panther heavy-duty mobile industrial vacuum cleaner provides high suction performance and is designed for reliable continuous operation. Operating with a hose up to 50mm bore and 30m in length, the Panther has the ability to cover a broad range of tasks. Its narrow 560mm wide design, large 48-litre collection bin and extensive range of options make it a truly versatile unit.

Suction is provided either by a 2.2kW or a 4kW 4-stage, D-type, turbo exhauster. Standard versions are fitted with 3-phase 415V electric motors.

Optional power sources include propane, gas, petrol, compressed air and flameproof electric motors.

A mobile interceptor is available for wet and dry applications. Alternatively, a chassis-mounted integral primary interceptor bin may be specified for collecting powders and difficult to handle materials, this features a cyclone head enabling it to collect material directly into a plastic bag or bin.

A variety of filter, tool and accessory options allow the Panther to be tailored to suit individual applications.



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Customised Options

Fig.a

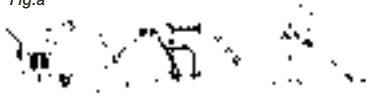


Fig.b



Fig.c

Fig.d



Fig.e

Options

Filtration – The Panther features a polyester needlefelt fabric filter bag as standard. Options for more demanding applications include 'H-type' with full HEPA (High Efficiency Particulate Air) filtration.

Accessories – An extensive range of Sturtevant hoses, tools, nozzles and other accessories are available to tailor the Panther to application requirements.

Hazardous environments – Where inflammable dust or gas is present, the 'FP-type' Panther should be used. This features a flameproof electrical system and motor. Special units with full explosion proofing are also available on request.

Military versions – Adaptations and special features for military applications are available.

Fig.a Panther with optional mobile interceptor

Fig.b Panther with integral primary interceptor

Fig.c Standard Panther

Fig.d Panther with propane motor

Fig.e Military specification Panther



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Panther

MACHINE TYPE	STANDARD PANTHER 551	STANDARD PANTHER 552
kW/HP	2.2/3	4/5.5
Voltage	415V 3 Phase 50 hz	
Exhauster Type	DB4/12 4-stage turbo exhauster	DD4/13 4-stage turbo exhauster
Closed Suction mm Wg/ins Wg mBarg	2337/92 230	2870/113 281
Maximum Air Volume m3 per hour/cfm	245/144	324/190
Cannister Capacity litres/cubic feet	48/1.70	
Weight kg/lbs	80/176	96/212
Length mm/ins	1040/41	
Width mm/ins	560/22	
Height mm/ins	1016/40	

OPTIONS	
H-Type filtration	Fitted with HEPA filter 99.997% efficient down to 0.3 micron in negative pressure mode.
Integral primary interceptor	Cyclone head type with collection bin. Capacity 56 litres (2 cubic feet). Note: this option increases dimensions to 1506mm (59in) L x 560mm (22ins) W x 1200mm (48ins) H and weight to 74kg (163lbs).
Mobile Interceptor	Wet and/or dry interceptor with wheeled chassis. A range of capacities are available.
Special options	Designed & manufactured to meet specific requirements, e.g 'Hoppered' incorporating level probe & bagging-off facility.
Bespoke versions	Stainless steel construction and special surface coatings are available on request.

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