



- HV1100-ACS (B)
- HV1100-ACS (B/Z2-22)
- HV1100-ACS (C100)
- HV1100-ACS (C100/Z2-22)

The vacuum for extreme cleaning challenges in Atex Zoned Areas and heavy industry such as brickworks, foundries, steelworks etc.



The HV1100-ACS series features:

- Ergonomic and industrial design includes a complete cover for the side channel blowers protecting them from damage and reducing exhaust air movement.
- Whether you need high air speed or high air flow, 90mm, 70mm or 50mm accessories are available for different applications
- Available in parallel configuration for higher airflow or series configuration for better suction of heavy materials or for longer distance cleaning
- Operate the machine as a stand-alone vacuum, or connect it to a fixed cleaning system for added flexibility

What is Atex?

ATEX Legislation

An acronym for Atmosphere Explosive, the Atex Directive which became law in 2006 stipulates that areas where potentially explosive atmospheres could be present must be classified on the frequency and nature of the explosive atmosphere:

Frequency	Potentially explosive atmosphere composition		
		Gas	Dust
	Permanent	Zone 0	Zone 20
	Occasional	Zone 1	Zone 21
Infrequent		Zone 2	Zone 22



✓ HEPA filter

HEPA H-class filtration collects submicron dusts at 99.995% efficiency, protecting the workforce from harmful respirable dusts (see page 7 for an example comparison)



✓ Cyclone protection

Oversize conductive filters are protected by a metal shroud and cyclone technology. This protects filters from abrasive materials and discharges static buildup to avoid dusts becoming statically bonded to the filters



✓ Quick release

Change between accessories quickly and easily with the quick release accessories system



✓ ACS Filter Cleaning

ACS (Automatic Cleaning System) self-cleans the HEPA filters whilst the machine is in use so you maintain optimum dust free cleaning. Users never need remember to shake the filter again. (see page 6 for full details.)



✓ Longopac

Eliminate dust clouds when emptying the container: use the longopac self-seal bag system to protect users from exposure to dusts considered hazardous to health (see page 8 for full details)



✓ Atex Certified

Choose Atex rated machines for operating in Zone 2 or Zone 22 areas where potentially explosive atmospheres could be present.



✓ Vacuum Turbine

Sturdy side channel blower vacuum turbines can be used for constant 24/7 operation with virtually zero maintenance.



✓ Interceptor

Connect to an interceptor tipper skip for fast bulk collection and added flexibility

Specifications:	HV1100-ACS (B)	HV1100-ACS (B/Z2-22)	HV1100-ACS (C100)	HV1100-ACS (C100/Z2-22)
Voltage 400V + 230V 50/60Hz	Turbine Dry Vacuum for Dusts & Fixed Vacuums Systems	Turbine Dry Vacuum for Dusts & Fixed Vacuums Systems in Atex Zoned Areas	Turbine Dry Vacuum for Dusts & Fixed Vacuums Systems	Turbine Dry Vacuum for Dusts & Fixed Vacuums Systems in Atex Zoned Areas
Filter Class H Class / HEPA				
Filter Shaker System AUTO				
Filter Efficiency 99.995 %				
Max Depression Series Version: 500 mBar Parallel Version: 320 mBar				
Depression Valve Regulation Series Version: 460 mBar Parallel Version: 260 mBar				
Air Flow Series Version: 760 m3/h Parallel Version: 1,000 m3/h				
Power (Kw)	11	10.4	11	10.4
Atex Certified		Zone 2 & 22		Zone 2 & 22
Atex Rating		II 3GD EEx nA II T4 135°C IP65		II 3GD EEx nA II T4 135°C IP65
Container Capacity (Ltrs)	Longopac Bag System	Longopac Bag System	100	100
Dimensions (Cm)	130 x 65 x H160	130 x 65 x H160	130 x 65 x H160	130 x 65 x H160
Weight (Kg)	311	311	300	300