

PowerBoss®
The Power of Clean



Apex 62
Rider Sweeper

The Apex 62 is the perfect machine for rapid and particularly economical vacuum sweeping of multi-story parking garages, warehouse and production buildings and permanent outdoor facilities.

Performance:

The Apex 62 gives you the option of gas/LPG, diesel or battery power. As a result, all types of indoor and outdoor sweeping jobs are possible.

The gas and diesel versions have powerful and consequently quieter 2-cylinder motors – the diesel version is water-cooled.

These powerful drives give excellent climbing ability – to be precise, 18 % for the gas, diesel and battery versions.

These machines are capable of long run times. Run times are up to 5 hours for the battery version and 10 hours for the gas, diesel and LPG versions.

An easily accessible high performance cassette-style filter system with a filter surface area of 54 sq.ft. ensures clean exhaust air. The flow technology of the vacuum system has been optimized to allow significantly longer operating times between filter changes. The machines also have the particularly effective R²S filter cleaning device (patented feature.)

Comfort:

Our engineers designed the Apex 62 to ensure that even long shifts do not result in operator fatigue. An ergonomically optimized driving position gives users of widely differing builds a comfortable seat and a perfect view of the working surface.

The large wheels can even mount curbs effortlessly and ensure increased driver comfort on uneven surfaces.

The large coarse dirt flap, operated from the driver's seat, allows even large items such as stones or pieces of wood to be picked up.

Once the 34 gallon dirt hopper is full, the 60" high-dump hopper makes for easy emptying into larger containers. The hopper can be used to the full capacity because of the lifting power of the high-dump hopper.

The design concept is an ideal combination of a host of key benefits.



Great for use in indoor or outdoor applications because of the option to choose gas, diesel or battery operated.



Easily accessible high performance filter system ensures clean exhaust air.



Change-out of main sweeping brush requires no tools and is quick and simple.



The high dump hopper can be easily emptied into large containers.



The control for the large dirt flap allows the operator to pick up large items during the course of sweeping.



The simple design of the operator controls means less operator error.



The engine compartment grants easy access for maintenance and service.

Intelligence:

The simple, clear design of the control console prevents operator error.

The automatic broom adjustment system ensures even wear so that the sweeping pattern is always perfect – throughout the entire life of the broom.

A special winding protection device prevents bearing damage when film and tape are swept up.

No tools are required to change the main sweeping broom quickly. The engine compartment also grants easy access for maintenance and service.

Quality:

PowerBoss invests quality in order to build machines that will last.

For example, the solid steel frame and other painted steel parts of the Apex 62 are given 2 coats of extremely durable corrosion protection and thus meet the most stringent quality assurance requirements. This has been proven in 1200 hours of salt spray mist testing. Durability – a new standard.

Options:

The features of the new Apex 62 will help you meet every application in an industrial environment.

You can select from options to meet your cleaning requirements, including: overhead guard, second side broom on the left-hand side, rpm control for side brooms, flashing light, lighting to comply with highway regulations or a silencing package.

Specifications	Apex 62V	Apex 62D	Apex 62E
Sweep width	31.5"(80cm)	31.5"(80cm)	31.5"(80cm)
with 1st side broom	45"(115cm)	45"(115cm)	45"(115cm)
with 2nd side broom	58"(147cm)	58"(147cm)	58"(147cm)
Sweep. perform. (1st SB), theor	110,868sq.ft.(10,300m ²)	110,86sq.ft.(10,300m ²)	99,028sq.ft.(9,200m ²)
Dirt container capacity	34G(130L)	34G(130L)	34G(130L)
Discharge height	56"(142cm)	56"(142cm)	56"(142cm)
Filter surface area	54 sq.ft.(5.0m ²)	54 sq.ft.(5.0m ²)	54 sq.ft.(5.0m ²)
Climbing ability	(18%)	(18%)	(16%)
Motor	B&S 2 cyl. Vanguard	Lombardini 2 cyl.	Battery- operated
Output (max.)	16HP(11.9kw)	13.4HP(9.8kw)	5.7 HP(4.3kw)
Output (at 2550 1/min.)	11.1HP(8.1kw)	10.8HP(8kw)	5.7HP(4.3kw)
Sweeping speed	5.5mph(9.0km/h)	5.5mph(9.0km/h)	5mph(8.0km/h)
Operating weight	1,682lbs(763kg)	1,728lbs(784kg)	2,028lbs(920kg)
Width (fixed parts)	45"(1,142mm)	45"(1,142mm)	45"(1,142mm)
Length (fixed parts)	78.6"(1,998mm)	78.6"(1,998mm)	78.6"(1,998mm)
Height	60"(1,520mm)	60"(1,520mm)	(60"(1,520mm)

PowerBoss is proud to be BLUE! What does it mean to be BLUE?



- **Water Conservation** – Aqua-Stop saves water usage by 50%, water is released through a pump system providing greater control of water usage than gravity systems
- **Clean Air** - High-performance filter system dramatically reduces the release of dust and debris back into the air, dust vacuum ensures that dust is put directly into the hopper, bristle pattern on main broom increases dust control
- **Lower Emissions** – All gas and LP engines meet Tier 2 specifications, catalyst mufflers, battery operated available, diesel operated available, bio-diesel fuel can be used in Kubota engine
- **Safer Work Environment** – Orange machines are highly visible to others in the workplace, simple controls reduce operator error, one-button scrub, horn, fire in hopper indicator, effective braking system, "belly bar" prevents operator from being pinned behind machine when in reverse, parabolic squeegee picks up all water leaving the scrub path virtually dry for traffic, seat equipped with safety shut-off switch, also available: overhead guard, back-up alarm, warning beacon
- **Clean Energy** – Battery operated available, bio-diesel fuel can be used in Kubota engines
- **Lower Chemical Reliance** – Aqua-Stop saves chemical usage by 50%, pump system for water and chemical release allows for better control of chemical usage, chemical metering system is available as an option and regulates chemical usage to the correct dose

Features listed are general for PowerBoss equipment; each machine has different features and therefore, may or may not fill all of the features listed above.

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