

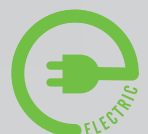


**MAXVAC**



**ELECTRIC CITY CLEANING  
PRODUCT GUIDE**

# MV2000 VANGUARD





THE ULTIMATE  
CLEAN & GREEN  
SOLUTION  
FOR LITTER,  
DETRITUS  
& WASTE  
COLLECTION



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THE VANGUARD MV2000 IS AN ELECTRIC WASTE COLLECTION MACHINE THAT IS; SAFE, EASY TO USE, SAVES MONEY AND IS WHISPER QUIET.

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The Vanguard with automatic self-cleaning filters has revolutionised the electric pedestrian street cleaning environment.

Essentially it is able to hygienically collect any kind of waste that can pass through a 125mm diameter tube. Historically waste collection has been a dirty job, not with the MV2000. It looks smart and has been designed with care and consideration for both the user and those that might come across it in the street, factory or shopping centre. It is 750mm wide (a typical door width) and is easy to operate with an electric drive and 360 degree turning radius.

The Vanguard has revolutionised the electric pedestrian street cleaning environment. Developed in Switzerland the Vanguard embraces advanced battery and computer controlled motor technology and has combined these efficiencies with a strict clean air philosophy and Self-cleaning filters to maintain peak performance and increase productivity by up to 200%. Optional HEPA 14 air filters remove up to 99.997% of all known dust and provide the very highest level of dust filtration and safety for the operator and the passer by. Automatic dust suppression, automatic fire extinguishing and built in pressure washer for spot cleaning are among other options that provide the maximum safety and productivity for the operator.

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ONE VANGUARD MV2000 CARRIES OUT AS MUCH WORK AS FIVE CONVENTIONAL OPERATIVES USING A TWO-WHEELED WASTE CART AND BROOM.

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#### ECONOMIC

The MaxVac Vanguard is economical to run and requires low maintenance; the proven statistic is that it carries out as much work as five conventional operatives using a broom and a two-wheeled cart. The MV2000 offers the added benefits of a near silent operation and the highest levels of air filtration, making it suitable to use at any time or place, day or night and can operate where sweeping by hand is neither practical nor efficient.

#### SAFETY

The Vanguard boasts completely new high levels of safety. The automatic self-cleaning filters and ASDM™ Safe dust management system maintains peak performance and ensure that both the operatives and passers by are continuously protected from hazardous airborne dust, even during the process of emptying the bin. The new APSA™ pedestrian safety system, ensures the optimum safety for the public in the work place.

All waste is deposited directly into the MV2000's on board 240 litre wheelie bin, which is easy to remove and empty and avoids any physical contact – a real benefit when dealing with broken glass, dog faeces, and other potentially hazardous material.

The automatic filter cleaning and HEPA 14 filtration (optional) protects both the operator and the passer by from otherwise inhaling potentially harmful dust.

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THE MV2000  
HAS RADICALLY  
TRANSFORMED THE  
WORK OF ROAD  
CLEANING TEAMS.



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THE MV2000 IS BATTERY OPERATED WITH AN ELECTRIC MOTOR SO WHISPER QUIET, NO FUMES, OR POLLUTION.

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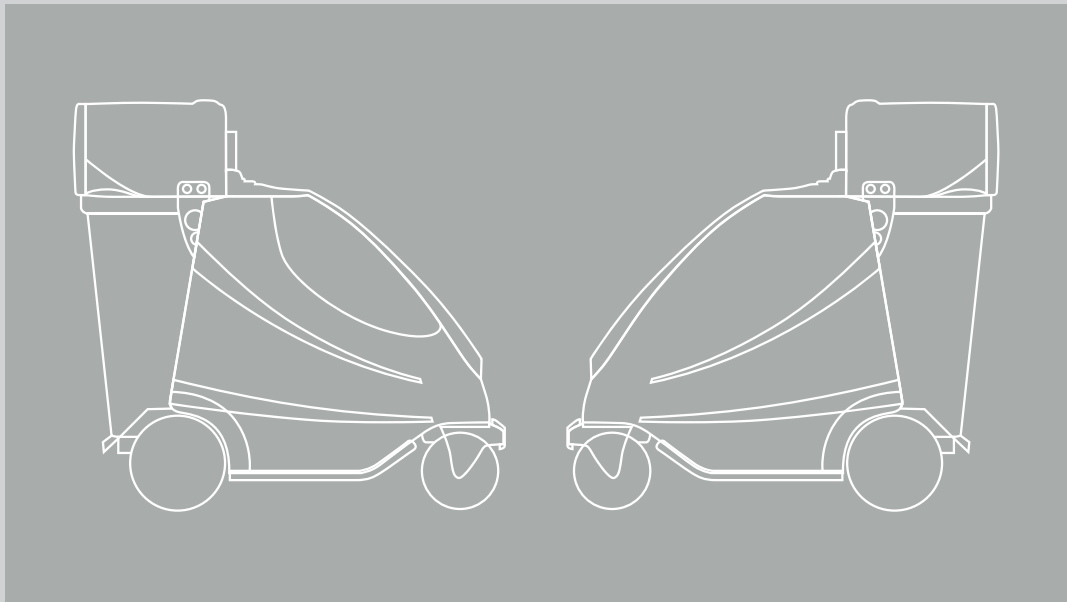
#### GREEN

The efficient way waste is instantly vacuumed reduces the level of dust that is often released into the atmosphere making it the perfect solution for pedestrian areas. Having an eco-friendly unit does not mean sacrificing performance, quality or productivity. The Vanguard MV2000 electric motor and vacuum deliver plenty of power giving an instant and effective clean, and accomplished with no noise pollution. "Street sweepers have certainly come a long way from their 'turn of the last century' roots. It makes sense for us to invest in these sweepers as we like to keep the town centre as clean as possible for our visitors and businesses alike." - Cabinet member for Clean and Green Environment.

#### MODERN

The MV2000 has radically transformed the work of road cleaning teams. Many road sweepers have traded in their broom and two wheeled waste carts for the modern MV2000 solution - It certainly has more kerb appeal and benefits from a number of modern additions - simple steering, light weight carbon fibre wand, puncture proof tyres, time meter, lights and many more options. The modern polyester cover can even be customised to your corporate colours or something special for an event etc, little more pleasing. Traditionally, street sweeping as an occupation has had low appeal however with the MV2000, perception has changed. A MV2000 operative is a respected, skilled operator of modern equipment.

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WITH INTELLIGENT COMPUTER CONTROLLED TECHNOLOGY, THE BATTERY POWERED MV2000 PROVIDES UP TO 18 HOURS OF INDEPENDENT OPERATION.

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#### ERGONOMIC

The MV2000 is easy to handle, self-propelled, well dimensioned and extremely simple to operate. The ambidextrous steering arm is equipped with an automatic safety system in the event of operator error. The Ultra-light carbon suction pipe with its adjustable ergonomic armrest and roller support wheel on the underside of the pipe, provides for an easy, tireless operation.

#### EFFICIENT

The fact that the MV2000 is 100% battery powered means that it has zero CO<sup>2</sup> emissions and the sound proofing makes it a near silent operation. The electronic traction motor provides effortless variable drive and power and braking to safely traverse kerbs up to to 20cm with ease, motor is strong enough for it to independently mount an 18cm kerb and descend a 20cm kerb with ease and the industrial quality tyres equipped with an anti-puncture system, ensure a top quality operation.

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## THE VANGUARD MV2000 IS A SIGNIFICANT UPGRADE TO STANDARD WASTE COLLECTION MACHINES.

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### INNOVATIVE

The MV2000 has many innovative and optional features that make it far advanced from previous designs. This is an excellent result of our input from working closely with their clients for more than 10 years. Typical upgrades are; a fully compliant airport specification model with a constant water suppressant sprayer and an automatic fire extinguisher system, self-cleaning filters to all models and an integral pressure washer system for the removal of excreta and liquid substances from walkways.

A sanitising sprayer disinfects and humidifies the container whilst releasing a pleasant scent, making the job of collecting unpleasant waste easier, quicker and safer.

### BUILT TO LAST

Typical of Swiss manufacture, the build quality and engineering is of the highest standard giving the Vanguard a long and efficient life cycle. Such standards give customers the peace of mind that each Vanguard will continue to perform at the top of its range throughout ownership and provide an excellent return on investment.



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VANGUARD

MV2000

MV2000



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THE MV2000 IS BATTERY OPERATED WITH AN ELECTRIC MOTOR SO NO FUMES, NOISE OR POLLUTION.

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#### VERSATILE

The Majority of MV2000's are sold to councils & contractors to clean our streets. However an increasing number of these machines are now being used within industrial and commercial settings. Health & Safety regulation and efficiency have been the main drivers of this growth. Airborne dust caused by conventional methods of cleaning are simply not acceptable in many industrial settings, it is both a health hazard and a contaminant that can ruin a product. With a MV2000 any such health risks are minimalised and the job is completed quickly and effectively, reaching into all those awkward spaces.

#### AFTER SALES SERVICE

The MV2000 machines have an excellent reputation for reliability and performance and if properly maintained will give 10+ years of quality service. MaxVac offer a fully supported service for spare parts, maintenance and regular servicing.





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## OUR GUIDE TO BRANDING THE VANGUARD MV2000

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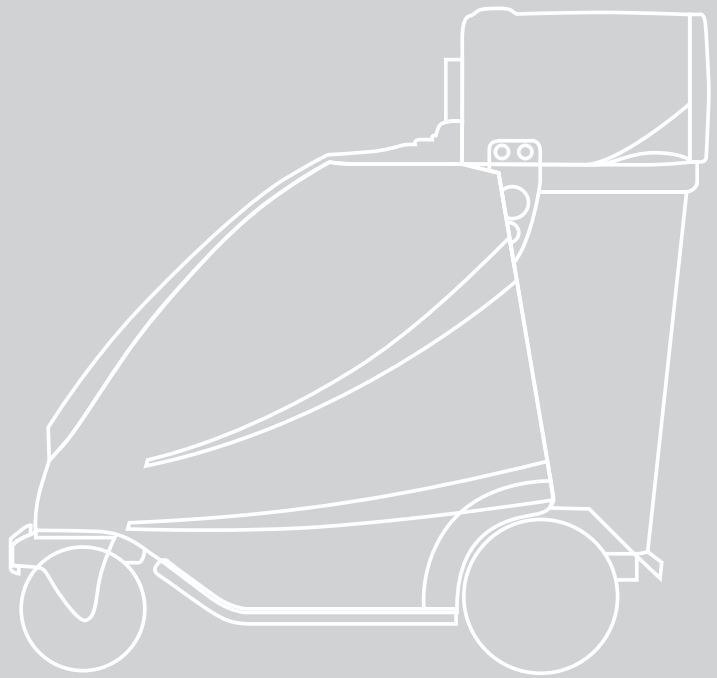
### LIVERY BRANDING

The vanguard has been carefully designed to ensure our clients have maximum opportunity for personalised branding that will ensure great exposure and assure consistent quality.

With our expert design team we will communicate and deliver proofs prior to production, make any changes required within your branding space and follow your brand guidelines.

### PRINT

As part of the package we will deliver your Vanguard fully branded up using our preferred printers.



**MAXVAC**

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Mülibodenstrasse 3  
CH-8172 Niederglatt  
Zürich, Schweiz

**T** +41(0)43 411 4195  
**W** [max-vac.com](http://max-vac.com)

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