



The innovative solution for tough applications

OptiFant 8000



Powerful power pack

The high-performance, low-emission engine and hydraulically driven fan form a compact and efficient power unit.



Rugged chassis frame

Built from rugged welded steel components, the robust frame provides maximum stability and torsional rigidity.



Corrosion resistant hopper

The high capacity, hydraulic tipping hopper is constructed from corrosion resistant chromium steel as standard.

Robust and powerful

Economical and comfortable Innovation, quality, performance and a long service life are the main criteria when Bucher Schörling develops and manufactures its proven sweepers. Their reliable components made of premium materials ensure high efficiency and availability with low maintenance. Bucher Schörling truck mounted sweepers feature low-emission chassis and auxiliary engines. Needless to say, they comply with all applicable environmental regulations, with continuous product improvements already in the pipeline to meet future noise and emission requirements. Our truck mounted sweepers are also designed with the operator in mind, giving him a comfortable working environment for fatigue-free operation, even when working continuously on strenuous jobs. A wide array of options also makes them extremely versatile – an investment that really pays off, ensuring maximum efficiency and cost-effectiveness in daily use.

Rugged and efficient With its robust construction to meet the toughest challenges, its superior suction and sweeping performance and its high capacity hopper and water tank, the OptiFant 8000 is the perfect truck mounted sweeper for heavy-duty work around road construction and repair sites and for cleaning motorways. High efficiency and cost-effectiveness, low noise emissions and a wide variety of options also make it ideal for municipal applications.



Robust sweep gear

The leading arm channel brushes are controlled pneumatically. When extended, the sweep gear is always within clear view of the operator.



Variable sweeping path – telescopic pick-up unit

A pneumatically retractable, telescopic pick-up unit is available as an option, also for mounting on the left-hand side, to obtain the best cleaning results around tight bends, on narrow sections of road or when picking up leaves.



Front-mounted brush unit

Especially designed for effective sweeping in corners and hard-to-reach areas, the unit can also be fitted with weed brushes and a variety of other front-mounted rotary brushes.



Integrated fuel tank

An additional fuel tank supplies the auxiliary engine independently of the chassis fuel supply to maximise productive time on-site.



Large water tank

An extra large clean water tank with a capacity of more than 2150 litres provides an abundant supply of water, considerably increasing on-station work time.



Protected system controls

A robust locker protects pneumatic and hydraulic system controls for the sweep gear and the electrical water system controls, allowing operation in the most extreme conditions.

Innovative technology

For the most demanding requirements Bucher Schörling's OptiFan 8000 truck mounted sweeper boasts strong engine power as standard. Featuring a hydraulically driven high efficiency fan delivering suction performance to meet the most demanding requirements, this machine is built for stability and durability to handle the toughest tasks working on road construction sites, picking up road planings and cleaning motorways. Its large hopper volume and high capacity water tank, coupled with an optional additional water tank, are designed for extensive periods of operation.

Low-emission and quiet engines Depending on the configuration, the sweeper components are powered by either the auxiliary engine or the chassis engine, allowing fuel-efficient operation to match sweeping demands. The engine unit drives the high-performance fan, brush system and water pump via hydraulic pumps. Fitted with an intercooler as standard, it is housed in a soundproofed compartment at the front of the hopper.

Wide array of accessories and options A telescopic pick-up unit for a wider reach, a second sweep unit on the left, including a swivel wide sweep roller brush, to extend the sweeping path, an additional water tank for covering greater distances, a weed brush unit and a variety of other front-mounted brush assemblies are just a few options from our large selection of accessories. Bucher Schörling's extensive range will meet every need, with solutions for all sweeping applications.



Low-noise fan

With its generous dimensions, the high-performance infinitely adjustable fan can operate at low speeds, minimising noise emissions.



Water spray package for perfect dust suppression (PM10) – option

An innovative extra water spray system reliably suppresses dust (PM10). This optional feature can be fitted to the water system ex factory upon request.



Work light on the rear of the hopper - option

Available as an option, a work light mounted on the rear of the hopper provides a better view of the area behind the sweeper. The additional lighting can be operated from the cab.



Multi-position safety prop

The multi-position automatic hopper prop maximises operator safety and allows the hopper to be tilted to various angles.



Compact high pressure washing system with hand lance

The compact high pressure washing system with a hand lance is ready for use in seconds, either for street cleaning or for washing down the machine after a hard day's work.



Fast dumping

The hopper door opens wide for fast and full load discharge.

Ergonomic and easy to operate

Integrated machine control Bucher Schörling's truck mounted sweepers feature the new Power Sweep System (PSS), with the individual modules communicating via a sophisticated BUS system or, optionally, via conventional mechanical components. The control and instrumentation system consists of a centre console with a colour flat-screen display for operating and monitoring the machine and for controlling optional equipment.

Handy application controls The ergonomically positioned controls put all sweeping functions at the operator's fingertips and are very simple and convenient to use, eliminating fatigue even over prolonged working periods.

Functional standard equipment Standard equipment also includes a separate control pod by the driver's door with a joystick for all standard sweeping functions, plus a cable remote control for all hopper functions.



Easy-to-use Power Sweep System (PSS)

With the ergonomically and clearly arranged, intuitive controls and instrumentation, the operator can monitor and control all the main and auxiliary functions.



Separate control pod

A separate, compact control pod with a joystick is mounted conveniently at hand by the right-hand driver's door for easy operation of all the key sweeping functions.



Remote-controlled hopper

The standard equipment provided with the truck mounted sweeper includes a separate cable remote control, allowing the operator to control all hopper functions safely out of harm's way.

Professional service Bucher Schörling's worldwide success is based on its distribution network offering qualified, customer-focused technical support wherever you are. For us at Bucher Schörling, service begins at the drawing board when we design vehicles around our customers' many requirements and build bespoke solutions. We are renowned for our sound, competent advice and reliable service, provided by knowledgeable and well-trained professionals and by our efficient spare parts centres that assure the fastest delivery and long-term supply guarantees.

Certified quality – high operational efficiency In our pursuit of quality, Bucher Schörling is committed to ensuring continuous machine uptime, long life and low maintenance. This means that our machines deliver the best value for money at the lowest total cost of ownership throughout their lives. Bucher Schörling's competence centres are naturally fully ISO 9001:2008 certified.

Version 2 - 11/2011

Bucher Schörling AG
Murzlenstrasse 80
CH-8166 Niederweningen
Phone +41 44 857 22 11
Fax +41 44 857 24 10
info@bucherschoerling.ch

Bucher Schörling GmbH
Schörlingstraße 3
DE-30453 Hanover
Phone +49 511 214 90
Fax +49 511 214 91 15
info@bucherschoerling.de

Bucher Schörling Korea Ltd.
Sihwha Industrial Complex
3Ma 819Ho, Chungwang-Dong
Siheung-City, Kyunggi-Do
Korea 429-450
Phone +82 31 498 89 61-3
Fax +82 31 498 89 85
info@bucherschoerling.co.kr



www.bucherschoerling.com