

Press release

Niederweningen, April 2011

New addition to the Bucher Schörling sweeper fleet: the innovative OptiFant 8000 meets the toughest cleaning challenges

Featuring strong engine power as standard, the extremely robust new workhorse delivers incredible pick-up performance. With its high capacity hopper and clean water tank, the OptiFant 8000 is designed for constant use in arduous conditions on road construction sites, motorways or municipal applications.

In recent months, Bucher Schörling has re-engineered and replaced its entire fleet of reliable, high-performance truck mounted sweepers. All models share the same basic technical concept allowing economical, user- and environmentally friendly street cleaning, along with very easy servicing and maintenance. The efficient new 8 m³ OptiFant 8000 truck mounted sweeper combines maximum sweeping and suction performance with the capacity to cover vast distances in even the most demanding applications.

The OptiFant 8000 has been developed for mounting on chassis of 18 tonnes or more. As standard, its sweeper components are powered by a Euromot 3A compliant low-emission John Deere 4045HF four-cylinder turbocharged diesel engine rated at 86 kW at 2200 rpm or alternatively by a low-emission Mercedes-Benz OM 904 LA four-cylinder turbocharged diesel engine rated at either 75 kW or 90 kW and also certified to Euromot 3A. Housed in a soundproofed and weatherproof compartment at the front of the hopper, the auxiliary engine with in-cab infinitely variable speed control drives the adjacent high-performance fan and the brush system via hydraulic pumps. When operating in environmental, standard or boost mode, the large diameter fan delivers maximum pick-up performance according to the selected combination of auxiliary engine and fan speed.

Built from chromium steel, the OptiFant 8000's hopper is a self-supporting sheet steel monocoque construction incorporating the water tank in a stable, warp-resistant unit. Its large 55° tilt angle, wide opening discharge door and the semi-automatic, multi-position safety prop ensure both fast and safe dumping. The heart of the water system is the clean water tank made of chrome alloy stainless steel (holding approx. 2150 litres) with a hydraulically driven diaphragm pump.

In normal sweeping mode with the suction nozzle (600 mm wide) and channel brush (700 mm diameter), the OptiFant 8000 sweeps a path up to 1170 mm wide. A second sweep unit can additionally be fitted on the left-hand side of the machine upon request. Combined with the swivel wide sweep brush (1500 mm wide), this gives a sweeping width of 2300 mm.

With these technical features, the OptiFant 8000 delivers extremely economical and efficient area coverage. Adding an optional extra water tank and a water recirculation system integrated in the hopper maximises the machine's capacity to sweep even vaster distances. Its robust construction make this truck mounted sweeper particularly ideal for applications in road construction and resurfacing work, such as road planing and dirt pick-up, as well as thorough motorway cleaning. Comprehensive accessories and a wide array of options (including a weed brush and other front-mounted brush units) extend its capabilities, especially for municipal street cleaning. Developed by Bucher Schörling, its Power Sweep System (PSS) featuring ergonomic, clear instrumentation and controls gives the operator superior convenience and ease of use when working continuously in arduous conditions.

About Bucher Schörling

Bucher Schörling (www.bucherschoerling.com) is a unit of Bucher Municipal, a division of the Bucher Group, and is a world leading manufacturer of municipal vehicles for efficient surface cleaning in public and private areas. Backed by a global network of proprietary sales organisations and distributors, Bucher Schörling is always close at hand to provide the ultimate in customer service.

For further information:

Bucher-Guyer AG

Murzlenstrasse 80

8166 Niederweningen

Phone: +41 44 857 22 11

Fax: +41 44 857 24 10

Contact: Peter Gerkens

Email: peter.gerkens@bucherschoerling.com