

Press release

Niederweningen, January 2009

Bucher Schörling presents the new P 21CS, a state-of-the-art high-performance snow sweeper

Bucher Schörling's high-performance P 21CS snow sweeper is the product of years of experience in developing and manufacturing snow sweepers for professional applications at airports. Whether for clearing snow, slush, ice or miscellaneous debris from runways and other airside areas during winter maintenance or for blasting away debris during the summer period, the P 21 CS is the ideal and highly effective airport sweeper to suit every need.

This compact, powerful and manoeuvrable snow sweeper is built around the proven Bucher Schörling concept. Equipped with a 6 m or 6.3 m brush, this machine is a top-performer. Its commercial truck cab is ergonomically fitted with every comfort, including clearly arranged and easy-to-use controls.

Two hydraulically controlled blower nozzles mounted in front of and behind the brush can be operated selectively for added efficiency. The blower nozzles in front of the brush are operated and controlled synchronously with the blower nozzles in front of the rear axle. This dual blower system provides even better cleaning performance, especially in dry snow, ensuring even safer surfaces, cleared of all remnants of snow down to bare pavement in the swept area.

This multi-tasking machine comes complete with a snow plough, optionally equipped with hydraulic folding side wings, a brush and an air blower system in front of and behind the brush.

Extra wide snow ploughs, either with a fixed width or with folding side wings, are available as options.

With its high engine outputs, the P 21CS delivers all the power needed to drive the vehicle and operate the sweeping equipment. Clearing capacities of up to 267,000 m² per hour are no problem for this powerful workhorse, which of course boasts all-wheel and crab steering.

Technical data

Design, system

Modular compact snow sweeper mounted on a truck tractor. Combination of a roller brush and a dual air blower in front of and behind the brush. Can be operated together or separately. ABS as standard.

Overall length with 6.3 m brush (plough 0°) 13400 – 15500 mm

Sweeper engine

Mercedes OM 501LA turbocharged and intercooled diesel engine, 6 cylinders, 11950 cc, 315 kW / 430 HP @ 1800 rpm. Euromot 3a emission compliant (option).

Fuel tank capacity 500 l

Driving speed

Working speed > 50 km/h

Travel speed 65 km/h

Cleaning performance with 6.3m brush

Sweeping capacity	>267,150 m ² /h
Max. working width (at 32°)	5343 mm
Max. snow depth without plough	100 mm
Ambient temperatures	-25 °C to +40 °C

About Bucher Schörling

Bucher Schörling (www.bucherschoerling.com) is a unit of Bucher Municipal, one of five divisions of the Bucher Group, and is a world leading manufacturer of municipal vehicles and airport maintenance equipment for cleaning and removing snow from public and private thoroughfares. All the machines come with cutting-edge technology ensuring superior performance, ease of operation and economy.

For further information:

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