

SB 3600

SB 4500



SB 5500



VAMMAS SB 3600, SB 4500 and SB 5500

– Reliable tow-behind units with latest technology

VAMMAS SB series tow-behind sweepers have been used in high speed snow removal in all sizes of commercial and military airports. The units are manufactured to the highest standards of quality, speed, reliability and simplicity

VAMMAS SB series units share the same design principles and standard components as other VAMMAS units. The units are fast to couple to the draw table or towing hook of the towing truck. In transport position the broom turns parallel to the frame.

Low capital investment with high operating speed.

VAMMAS tow-behind sweepers are built to operate at speed up to 60 km/h (40 mph) thanks to the use of on-highway truck components and unique design of the broom assembly. Operators only require short training since they are already familiar with driving a standard truck. Trucks can be used for other tasks in and out of season.

New technology available for every VAMMAS SB unit for safety and performance.

The Vammas SB-sweeper has several standard and optional features to ensure a high performance:

- remote control unit with graphical display and single control joy stick
- rear wheel steering available for better guidance of the plow, boom and air-blower
- ABS brakes available for increased safety
- Broom automatically rises when unit is reversed
- Self diagnostics
- Automatic broom pattern control
- Latest engine technology improving emissions, power and fuel consumption
- All hydraulic and electric components located in sealed stainless steel boxes.

Tow truck specifications

Any make of truck can be used or Fortbrand Services Inc. can supply the truck including the plow hydraulics and additional features required. Vammas SB- units can be towed by a 2 axle 4x4 truck, or a rear tandem 6x4 truck. The recommended minimum truck front axle capacity is 9 tons and total weight 18 tons.

For more info, please ask for the complete specifications.

New V46" large brooms

Vammas has the new broom available for PSB5500 and SB5500 units. The V46" broom assembly is revolutionary producing the best sweeping results due to its dense broom coverage, accurate broom pattern control, eliminating the broom bouncing due to chassis suspension as well as being simple in design for reliability. The new broom is available as a wafer broom dia. 1170 mm (46 in.), cassette broom dia. 1150 mm (45 in.) with 30 rows of cassettes.

Technical specifications	SB 3600	SB 4500	SB 5500
Total length from fifth wheel in working position	10.93 m	11.83 m	12.80m
Total width in working position	4.26 m	5.73 m	6.67 m
Total width in transport position	2.55 m	2.99 m	2.99 m
Wheel base (nose wheel version)	7.3 m		
Height	2.62 m	3.20 m	3.20 m
Weight	10 t	14 t	15 t
Turning radius:	depends on the truck	depends on the truck	depends on the truck
Broom core length	4.2 m	5.65 m	6.72 m
Broom working width (std 35°)	3.44 m	4.6 m	5.5 m
Broom maximum diameter	960 mm	960 mm	1150-1170 mm
Swing angle left and right (std 35°)	30°- 40°	30°- 40°	30°- 40°
Caster wheels, automatic adjustment optional	2 pairs	2 pairs	2 single
Air flow	8.5 cu m/s	11 cu m/s	11 cu m/s
Air speed at nozzle	400 km/h	400 km/h	440 km/h
Recommended max. working speed	40 - 60 km/h	40 - 60 km/h	40 - 60 km/h
Aggregate engine – US Tier 3 / EU Stage IIIa	Mercedes Benz 501 LA	Caterpillar C11	Caterpillar C11
	260 kW	313 kW	313 kW
Voltage	24 V	24 V	24 V

