

SCHMIDT

Street King 660

Truck-Mounted Sweeper



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- Intuitive and convenient operation with the modern 7" ES control panel with colour touch screen in the driver's cab
- Quick and economical operation thanks to thorough mechanical cleaning along the entire sweeping width. The high suction performance and the generously dimensioned hopper and water tanks ensure extended operations and a high degree of efficiency.
- Optimum coverage of disc brushes, feeder brush and suction nozzle ensures optimum sweeping results even when cornering
- Low maintenance costs, optimized service and best durability.

Vehicle requirements

Standard truck chassis with a total permissible weight of 15-18 t and a wheelbase of approx. 3,200-3,500 mm, depending on the chassis and engine type

Hopper

7.0 m³ steel hopper with non-corrosive steel floor pan; highly wear-resistant, sound-proof baffle plate at hopper nozzle; folding leaf grid for optimum separation of leaves, paper, etc.; side-mounted feed flap for visual control and for bulky debris; hydraulic tipping of hopper, 60° tipping angle for residue-free discharge

Sweeping unit

Towed sweeping unit with brake-back protection, disk brush, feeder brush and suction nozzle with integrated brush roller fitted between the axles; optimum coverage of disk brush, feeder brush and suction nozzle even when cornering
Sweeping unit mounted on the right or left or dual sweeping (right and left); suction nozzle guided via castor wheels with pneumatically operated debris flap

Disk brush diameter	750 mm
Disk brush speed	up to 150 1/min
Feeder brush length	1,300 mm
Feeder brush diameter	400 mm
Sweeping width (DB + suction nozzle)	1,200 mm
Sweeping width max. (DB + feeder brush + suction nozzle)	2,350 mm

Suction system

Hydraulically operated high-performance suction fan adjustable via the control panel; the flow-optimised suction fan fitted directly on the hopper and the suction nozzle with integrated brush roller permit high suction performance even at low fan speed. The towed suction nozzle minimises the risk of damage during sweeping operations.

The suction nozzle with integrated brush roller and the high-performance suction fan ensure optimum dirt collection, permitting up to 15% higher operating speeds.

Suction fan speed	2,100-3,100 1/min
Suction fan air flow rate	18,000 m ³ /h
Suction nozzle width	750 mm
Suction hose diameter	250 mm
Suction nozzle brush roller diameter	300 mm

Water system

Stainless steel water tanks with a total capacity of 1,600 l; side-mounted C-connection for filling; fresh water pump up to 8 bar / 48 l/min; disk brush, feeder brush and suction nozzle are supplied with spray water to capture fine dust particles; wastewater drain hose on hopper flap incl. seepage plate, easy to access from the outside

Suction fan and hydraulic unit drive

4-cylinder in-line turbo diesel engine, Deutz TD 2.9 L4 EuroMot IIIB, 55.4kW (75 HP) @ 2,600 1/min, 260 Nm @ 1,600 1/min, cubic capacity 2,900 cm³, after-treatment of exhaust gases with DVERT® - diesel oxidation catalyst or

4-cylinder in-line turbo diesel engine, Deutz TD 2.9 L4 EuroMot IIIA, 55.4kW (75 HP) @ 2,600 1/min, 260 Nm @ 1,600 1/min, cubic capacity 2,900 cm³

Transport speed	0-90 km/h
Operating speed	0-20 km/h

Operation

Modern ES control panel with clear 7" colour touch screen in the driver's cab. Ergonomic click-turn knobs for all basic functions and eight illuminated push buttons for primary and menu-dependent sweeping functions. Including door control panel with joystick for all basic sweeping functions. Operating elements can be individually arranged to be within safe and easy reach.

Optional equipment

Manual suction hose for cleaning sewer manholes and removing coarse dirt, stones, bottles, etc.; rear view monitoring camera and TFT colour display, high-pressure water system with hose reel and manual lance and much more

Dimensions of demountable equipment*

Length	3,860 mm
Width	2,300 mm
Height	2,150 mm
Tipping angle	60°

Dimensions (example of 15-t vehicle incl. demountable equipment)*

Length	6,200 mm
Width	2,490 mm
Height	3,190 mm

Weights (example of vehicle incl. demountable equipment)*

Empty weight	8,300 kg
Total permissible weight	15-18 t
Payload (at 16 t TPW)	approx. 7,700 kg

* The indicated weights and dimensions depend on the optional equipment and the chassis.

