

SCHMIDT

SK 350

Demountable Sweeper for Unimog U423



SK350

Demountable Sweeper for Unimog U423

- Ideally suited for urban application thanks to the small turning circle and the generously dimensioned hopper
- Quick mounting and demounting of the sweeper thanks to quick-change device
- Standard vehicle optimally adapted to Unimog

Vehicle requirements

Unimog 423 Euro 6 with a wheelbase of 3,150 mm and 4-cylinder Euro 6 engine with 230 HP

With UZE5 vehicle code, sweeper pre-fitting and power hydraulic system

Hopper and quick-change frame

3.5 m³ hopper with non-corrosive steel floor pan; hydraulic tipping to the rear, 47° tipping angle

Hydraulic locking and opening of rear flap; observation flap on the right; folding leaf screen

Mounting frame with ball-mount points; crank supports for demounting the equipment available as an option

Sweeping unit

Towed sweeping unit with brake-back protection, disk brush, feeder brush and V-shaped suction nozzle fitted between the axles; sweeping unit mounted on the right

Disk brush diameter	700 mm
Feeder brush length	1,500 mm
Feeder brush diameter	350 mm
Sweeping width (DB + suction nozzle)	1,000 mm
Sweeping width max. (DB + feeder brush + suction nozzle)	2,200 mm

Suction system

Hydraulically operated and adjustable high-performance suction fan; the flow-optimised suction fan and the V-shaped suction nozzle permit high suction performance even at low fan speed. The towed suction nozzle minimises the risk of damage during sweeping operations.

Suction nozzle width (inner / outer)	550 / 600 mm
Suction hose diameter	250 mm

Water system

Non-corrosive, glass fibre-reinforced plastic water tank with 1,000 l capacity; fresh water pump of up to 4 bar / 40 l/min; the disk brush, feeder brush and suction nozzle are supplied with spray water to capture fine dust particles.

Optional equipment: high pressure cleaning system (15 l / 100 bar) with lance, 20-m hose and automatic hose reel for cleaning operations

Suction fan and hydraulic unit drive

Powered hydraulically via the Unimog's power hydraulic system; sweeping units powered via the Unimog's 1/2 hydraulic circuit

Operation

Control panel in the driver's cab fitted directly next to the driver's seat; user-friendly menu navigation

Recommended option: rear view monitoring system fitted directly on the Unimog chassis (option for Unimog chassis)

Vehicle incl. demountable equipment

Length	approx. 5,300 mm
Width	approx. 2,360 mm
Height	approx. 3,310 mm
Wheelbase	3,150 mm
Transport speed	0-90 km/h
Operating speed	0-20 km/h

Weights of vehicle incl. demountable equipment

Weight of demountable equipment	ca. 2.3 t
Total permissible weight	12.5 t

