

Some photos may include extra features.



ENGLISH | DATED 01.2010

Large sweeper SL280

Sweeper concepts
Innovative strength

BROCK[®]
Kehrtechnik GmbH

A star among the heavyweights. The BROCK SL280.

Main roads, motorways and construction sites are the domain of the BROCK SL280. This is where this extremely powerful, high-suction top-class machine performs at its best. Whether summer or winter, thanks to its modular system, the SL280 can be converted or retrofitted to suit customer requirements, as well as any situation and location. The BROCK fulfils diverse requirements with a wide range of additional equipment features, which match the vehicle to the specific application to optimum effect.

Even in the standard version, SL280 impresses with its broad range of features. With its huge turbine output of 280m³ of air per minute, the SL280 has extremely high suction. In addition, high-power jets with a water pressure of up to 300bar ensure spotless pavements and roads. Anything left on the road, for example milling waste, oil or road construction residue, is cleared by the SL280, ensuring a high level of safety for road traffic.



- 1** SAFE: the hydraulically locking hopper flap. If requested, we will also be happy to supply a warning cross for work on the motorway.
- 2** STYLISH: a unique design sets the SL280 apart from the rest.
- 3** SPOTLESS: when it comes to emptying, a tilting angle of 60° and an easily serviceable hopper rotation unit mean that the SL280 always shines.



Robust. Reliable. Durable. High tech in a hefty guise.

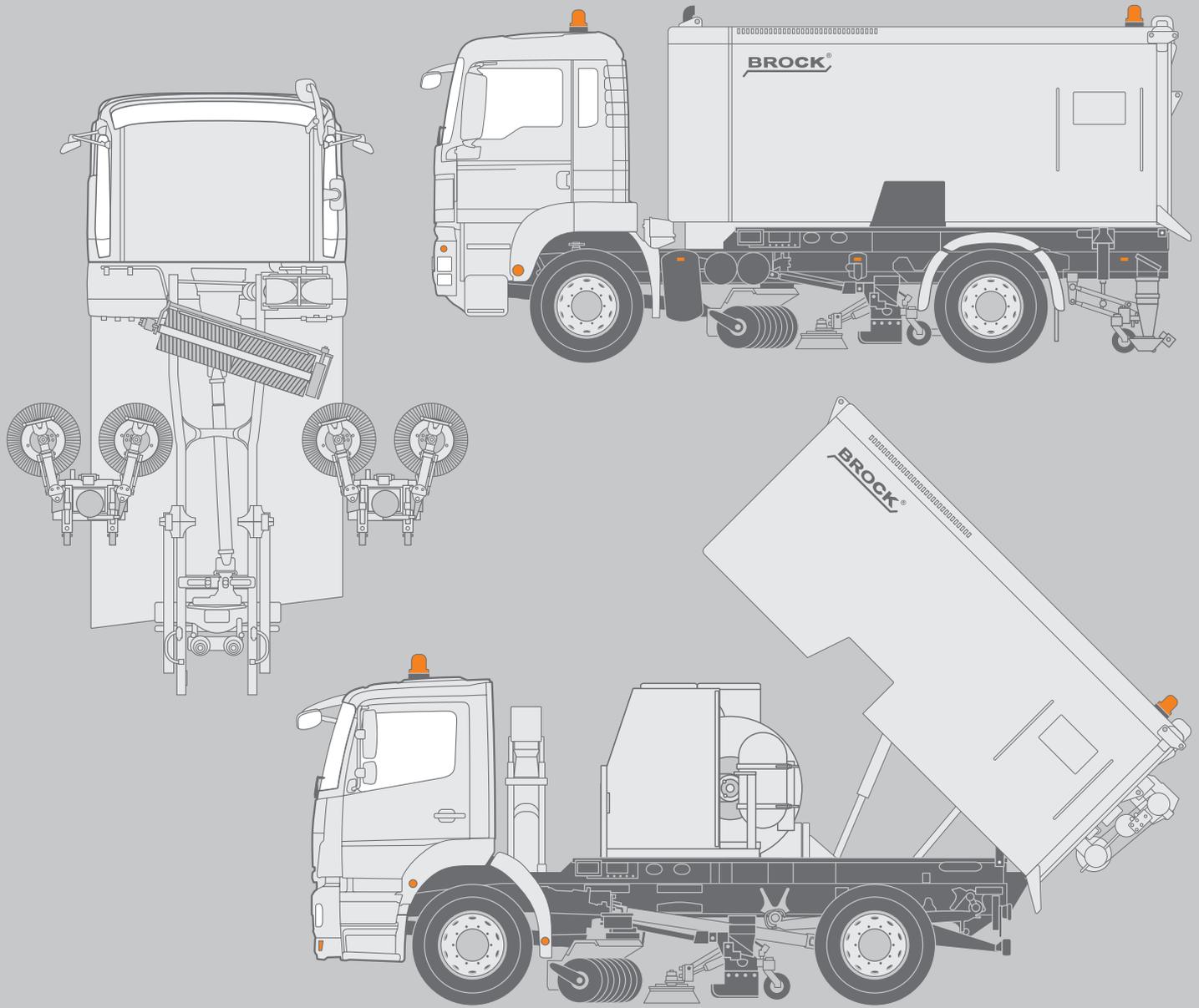
It goes the distance and has a whole host of extras – for any application.

With a 7 m³ dirt hopper and a 1,600l water tank, the SL280 is ideal for long periods of use. The dirt hopper – sides, centre partition and base – is made of high-grade stainless steel (1.4301), while all other components are self-made, boasting excellent material properties and low wear.

Flexibility, reliability and material strength are trademark characteristics of the SL280. Its sturdy articulated chassis guarantees excellent driving comfort and a high level of user friendliness even under tough conditions in various locations. A number of special functions and convenient handling support drivers in their daily work. All of this, combined with optimum, environmentally-sound functions, is what distinguishes the sweeper as a BROCK product.

- 4** VERSATILE: a unit for removing oil traces eliminates hazardous slicks on the roads. Can be retrofitted with a snowplough in the winter (if fitted with an equipment panel).
- 5** POWER SPRAY: the high-power jets operate at a water pressure up to 300 bar.
- 6** PROVEN QUALITY: BROCK double conical brush technology tackles dirt on any road surface.
- 7** ENVIRONMENTALLY-SOUND: a water bar on the bumper reduces dust.
- 8** PRACTICAL: an ergonomically designed console enables all units to be controlled.





TECHNICAL DATA

SL280 – STANDARD

Superstructure

	7	7	7	7
Hopper volume [m³]	7	7	7	7
Water tank [litres]	1,600	1,600	1,600	1,600
Auxiliary water tank possible (wheelbase extension)	yes	yes	yes	yes

Sweeping unit [mm]

	650	650	650	650
Width of suction duct	650	650	650	650
Conical brush Ø	700	700	700	700
Feeder roller Ø	400	400	400	400
Length of feeder roller	1,500	1,500	1,500	1,500

Sweeping width [maximum | mm]

Double conical brush, right or left	1,600	x	1,600	x
Double conical brush, R, with roller	3,000	x	3,000	x
Double conical brush, R/L, with roller	x	x	4,450	x
Conical brush, right or left	x	700	x	700
Conical brush, R/L, with roller	x	x	x	3,300
Conical brush, R, with roller	x	2,500	x	2,500
Conical brush, L, with roller	x	2,500	x	2,500

Recommended chassis

Min. permissible total weight [t]	18	18	18	18
Min. wheelbase [mm]	3,200	3,200	3,200	3,200
Frame overhang without surface suction unit [mm]	1100-1250	1100-1250	1100-1250	1100-1250
Frame overhang with surface suction unit [mm]	1250-1350	1250-1350	1250-1350	1250-1350

Overall vehicle [example | mm]

Length	6,700	6,750	6,700	7,000
Width	2,500	2,500	2,500	2,500
Height	3,200	3,300	3,200	3,300
Overhang	1,600	1,700	1,600	1,700

Technical changes reserved.

No responsibility is taken for the correctness of this information.

SL280 – STANDARD

Certification [additional]

PM 10 to Eunited standard	✓	✓	✓	✓
---------------------------	---	---	---	---

Drive system

Auxiliary engine Daimler OM 904 LA Euromot IIIa [kW]	75	75	90	90
Hydrostat OMSI	HT600	HT600	HT600	HT600

Standard equipment [optional]

Hopper sides/hopper base/centre partition made of material 1.4301	✓	✓	✓	✓
Assemblies extendable and retractable in sweep mode	✓	•	✓	•
Mini console	✓	•	✓	•
Coarse pick-up, two-speed	✓	•	✓	•
Water tank enlargeable without surface suction unit	•	•	•	•
Water tank enlargeable with surface suction unit	x	x	x	x
Jumbo/Jumbo S version 1,250mm head of water	•	x	•	x

SL280 – STANDARD

Sweeper fitted as standard with a double conical brush unit on the right, sweepgear that can be extended and retracted in sweep mode and two-speed coarse pick-up

SL280 – K

Sweeper fitted as standard with a conical brush unit on the right

SL280 – 2

Sweeper fitted as standard with a double conical brush unit on the right and left, sweep-gear that can be extended and retracted in sweep mode and two-speed coarse pick-up

SL280 – 2K

Sweeper fitted as standard with a conical brush unit on the right and left

✓ As standard x Not available • Optional

COMPANY PROFILE

BROCK Kehrtechnik GmbH

BROCK Kehrtechnik GmbH stands for innovation, competency and quality in the design and manufacture of high-end sweepers. The specialised expertise of our committed employees and our many years of experience in development and servicing form the basis of our customer-oriented quality policy. This includes competent advice and a reliable service, as well, of course, as quick maintenance and repairs on site. Our mobile customer service and our service partners are always on hand, and the doors of our Witten plant are always open.

We focus on the customer as early on as the design phase. The BROCK sweeper concept was, for this reason, intentionally developed as a modular system. Depending on the chassis model, we can supply hopper sizes from 3 to 12m³ with sweepgear on the right-hand side, left-hand side or both sides. We also fulfil any additional special requirements straightaway without any complications. At our company, the customer always sets the benchmarks, so we regularly enquire about and review customers' satisfaction with our company.

OUR PRODUCT RANGE

- Sweepers in sizes 3 to 12m³
- Compact sweepers
- Large sweepers
- Airport equipment

OUR COMPANY PRINCIPLES

- Our success depends on the satisfaction of our customers.
- We are always searching for optimum solutions to individual problems.
- We make it our priority to be a consistently reliable partner for our customers and be worthy of the trust placed in us.
- We aim to meet all prerequisites to ensure that we fulfil our customers' expectations and stay one step ahead of their requirements.

We live up to this claim set out in our company principles by pursuing our quality policy consistently at all organisational levels.

OUR QUALITY POLICY

- Ongoing qualified analysis of customer requirements.
- Competent advice and identification of optimum solutions for specific customer applications.
- Development and manufacture of reliable and serviceable products.
- Ongoing review of the research status in order to fulfil all customer requirements in future too.
- Guaranteed quick, smooth order processing and prompt delivery to schedule.
- Timely provision of comprehensible documentation.
- Continuous optimisation of company processes and an ongoing review of the effectiveness of our QM system.

PARTNER NETWORK

WORLDWIDE



EUROPE



WORLDWIDE:

Angola, Armenia, Azerbaijan, Bangladesh, Belarus, Burma, Egypt, French Guyana, India, Indonesia, Iran, Iraq, Israel, Jordan, Kazakhstan, Kenya, Kyrgyzstan, La Reunion, Lebanon, Libya, Martinique, Mauritania, Mexico, Nepal, Pakistan, Russian Federation, Sudan, Tajikistan, Tanzania, Tunisia, Turkmenistan, Uzbekistan

EUROPE:

Austria, Baltic States, Belgium-Flanders, Belgium-Wallonia, Bosnia & Herzegovina, Croatia, Czech Republic, Denmark, Finland, France, Georgia, Great Britain, Greece, Hungary, Italy, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Serbia & Macedonia, Spain, Sweden, Switzerland, Turkey, Ukraine



NISZERT
ZERTIFIZIERUNGS- UND
UMWELTGÜTACHTER GMBH

BROCK KEHRTECHNIK GMBH
Is certified to DIN EN ISO standard

DIN EN ISO 9001:2000

BROCK Kehrtechnik GmbH

Salinger Feld 10a
58454 Witten | Germany

Tel.: 0049 (0) 2302 589 69-0
Fax: 0049 (0) 2302 589 69-150

www.brock-kehrtechnik.de
info@brock-kehrtechnik.de

YOUR REGIONAL CONTACT