

Technical data

Dump trailer SMK 1602 – 2402

Technical data

Model		SMK 1602	SMK 2002	SMK 2102	SMK 2402
Length	m	6,63	7,13	8,21	9,26
Platform height	m	1,34	1,40	1,55	1,55
Gross vehicle weight rating					
Gross vehicle weight rating	kg	16.000	20.000	20.000	24.000
Payload	kg	ca. 11.000	ca. 14.400	ca. 13.500	ca. 16.500
Inside dimensions of superstructure					
- Platform length, inside	m	5,00	5,50	6,25	7,50
- Platform width, inside	m	2,28 – 2,32	2,28 – 2,32	2,28 – 2,32	2,28 – 2,32
Loading capacity					
- Loading capacity	m³	17,2	19,0	21,6	25,9
- with 600 mm extension	m³	24,7	26,6	30,2	36,2
- with 800 mm extension	m³	-	29,1	33,1	39,7
Additional data					
Lifting power of 1 st cylinder stage at 180 bar	kg	27.000	27.000	33.500	42.800
Tilting angle to the rear approx.	°	51	51	51	51

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Standard equipment				
Frame / chassis	- Solid rectangular frame - Lighting in accordance with StVZO (note of transl.: German Road Traffic Licensing Code) and trailer socket - Two chocks with retainer			
Bridge	- Conical, canted all-steel trough 4 mm - Hydraulic tailgate			
Tilting mechanism	- High-quality tilting cylinder with gimbal bearing - With quick coupling for connection to the hydraulic system of the tractor			
Brakes	- Four-spring pendulum chassis with parabolic suspension			
	2 brake-axles, track 1950 mm, brake 400x80 FAD - 40 km/h	2 brake-axles, track 2000 mm, brake 410x120 BPW - 40/60 km/h	2 brake-axles, track 2100 mm, brake 410 x 120 BPW - 40/60 km/h	2 brake-axles, track 2100 mm, brake 410 x 180 BPW - 40/60 km/h
Linkage	- Suspended drawbar adjustable in height for top and bottom linkage - Mechanical support winch, two-step - Mechanical trailer hitch AK 80, standard		Suspended drawbar for bottom linkage	



Strautmann main production facility in Bad Laer



Dump trailer

B. Strautmann & Söhne GmbH u. Co. KG is a medium-sized family-owned company from southern Lower Saxony having already celebrated its 80th anniversary of existence and now being managed by the third generation. In a modern plant at the second production site in Lwówek (Poland), Strautmann manufactures individual machine components and, apart from that, also parts of the

machine programme such as tipping trailers and all-grip buckets. As a machine manufacturer offering a wide range of machinery for cattle feeding, green fodder harvesting, universal spreader and transport technology as well as in the field of charging and dosing technology for biogas plants, Strautmann is the competent partner for almost any customer in this industry.



Pol-Strautmann



SMK
1602 – 2402



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Strong arguments & intelligent details

The Strautmann dump trailers have been designed for demanding and intensive use. The large capacities can still be increased and adapted to your needs by means of attachments. Whether silage or other bulk materials – the Strautmann dump trailer is the right vehicle for safe and efficient transport for any application.



Extensions of 600 or 800 mm
– Optionally folding to reduce the charging height

Inspection window in the front panel for ideal view during silage transport

Suspended drawbar adjustable in height for top and bottom linkage

Hydraulic tailgate with rubber gasket



Conical skip platform

- Complete and safe emptying even in case of sticky materials



Hydraulic tailgate

- With mechanical locking mechanism for safe transport
- Rubber gasket for absolutely tight closing



Grain discharge

- Equipped with lockable slide and chute as standard
- For optimum dosing



Hydraulically folding front panel

- Optional extra
- Lower discharge height during chopping



Folding extensions

- Hydraulic version as an optional extra
- Locking by means of practical long-lever locks
- Tailgate can also be opened without any problems with the extensions folded down



Towing hook with locking bolt (towing capacity 8 t)

Optional equipment:

- Compressed air supply and hydraulic connections for 2nd vehicle
- Automatic towing hook with a towing capacity of 18 t



Rectangular frame

- Maximum stability and service life
- Weight-optimised design



Four-spring chassis

- Large distance of parabolic springs
- Good roadability



Hydraulic rear axle support

- Optional extra with 4-spring chassis
- Automatic support of rear axle during tilting procedure



Robust underride guard

- Protected lighting



Hydraulic chassis

- Option for SMK 2402



Durable all-steel trough

- Consistent thickness of 4 mm
- S 355 steel
- High stability due to canted side panels and solid stanchions



Practical ladder

- Folding
- Galvanised



Inspection window in the front panel

- Good view into the cargo space from the tractor