

# 2-axle aluminium segment tipper semitrailer - wheelbase 1,810 mm



## Product benefits

- Cost-effective alternative to tipper body on 4A truck
- Flexibility in terms of choice of semitrailer tractor
- Stable and torsionally rigid chassis construction with additional torsion tubes
- Maximum stability thanks to automatic lowering device
- Hard chrome-plated, high-quality front tilt cylinder
- Specially canted aluminium body for maximum impact and wear protection
- Standing platform at front wall for operating roller tarpaulin
- Installation of axles from well-known manufacturers such as SAF or BPW
- OPTIONAL: Continuous steel wear floor, with bolted steel frame
- OPTIONAL: External rear wall for higher load volume
- OPTIONAL: Roller cover - operated manually or via electric remote control
- OPTIONAL: Excavator protection with ladder and retaining brackets

## Product details

### TYPE DESIGNATION

Wilhelm Schwarz Müller GmbH | Hanzing 11 · 4785 Freinberg · Austria | Tel.: +43 7713 800-0 | office@schwarzmueller.com · www.schwarzmueller.com

Schwarz Müller s.r.o. | Za Dálnicí 508 · 267 53 Žebrák · Česká republika | Tel.: +420 311 908-111 | office.zebrak@schwarzmueller.com · www.schwarzmueller.com

Schwarz Müller Kft. | 2330 Dunaharaszti · Jedlik Ányos út 43. · Magyarország | Tel.: +36 20 4444-333 | office.budapest@schwarzmueller.com · www.schwarzmueller.com

2-AXLE ALUMINIUM SEGMENT TIPPER SEMITRAILER - WHEELBASE 1,810 MM  
For sand, rubble, excavated earth and other bulk materials

---

## WEIGHTS

Gross train weight (perm.): 38 t  
Gross weight (techn.): 32 t  
Axle assembly load (techn.): 20 t  
Fifth-wheel load (techn.): 12 t  
Payload: approx. 25 - 26 t  
Tare weight: approx. 4.4 t

---

## DIMENSIONS

Tipper body internal length: approx. 6,500 mm  
Tipper body internal width: approx. 2,330 mm  
Tipper body internal height: approx. 1,470 mm  
= load volume: approx. 20.5 m<sup>3</sup>  
Total width: 2,550 mm  
Loading height, unladen: approx. 250 mm over fifth-wheel coupling

---

## FRAME

Naxtra welded steel frame construction = lightweight design  
Replaceable 2" kingpin

---

## CHASSIS

Air suspension with autom. lowering device via inductive switch and lowering lock via rotary switch on semitrailer

air suspension unit with low-maintenance drum brake axles,  
2 x 10 t rigid, wheelbase 1,810 mm  
S-cam brake 420/200 mm, autom. brake linkage adjuster

Autom. lifting front axle = raised or lowered according to weight, as well as forced lowering incl. integr. speed-restricted moving-off aid with button operation in cab (no button installation on our part)

Tyres :  
4 x 425/65 R 22.5 165K, manufacturer as per factory specifications

4 steel wheel rims 14.00 x 22.5, 10-hole, without rim offset, silver

---

## **SUPPORT FIXTURES**

2 steel support legs, height-adjustable (only detachable when unladen)

---

## **BRAKE SYSTEM**

Brake system according to EC Directive 71/320 or EC E R13

Two-line brake

Spring-loaded parking brake

EBS - electronic brake system

Wabco 2S2M = one axle sensed

RSS - stability program

Steel air tank

---

## **TIPPING SYSTEM**

1 HP front press for rearward tipping, tipping angle approx. 50°

1 pipe system with screw coupling DN20

---

## **TIPPER BODY**

Aluminium body in semi-circular segmental construction,

6 mm floor and wall thickness

6 mm aluminium wear floor in rear area, approx. 3,500 mm from end of discharge chute, raised over floor edge at sides, welded all-round

( The service life of the wear floor depends on the tipping frequency/material )

Angled front and rear walls, in side wall height (flush for roller tarpaulin)

Rear wall = hinged wall with recessed bearing and autom. mech. dual-hook central locking

Fixed discharge chute at rear = floor panels throughout

---

## **ROLLER TARPAULIN**

Plastic roller tarpaulin incl. aluminium tube and hand crank, without customs sealing, 3 tension belts on left as well as turnbuckles on underside of body, horizontal tarpaulin bracket rope fastening, front and rear zig-zag lashing,

tarpaulin manufacturer as per factory specifications, tarpaulin colour according to availability

1 removable transverse support with stop bracket on right for roller tarpaulin

Retainer for rolled up tarpaulin on right in direction of travel

---

Bracket for hand crank on front wall

---

## **ELECTRICAL EQUIPMENT**

24 V lighting system according to EC Directive 76/756/E WG  
2 seven-chamber tail lights  
LED side marker lights  
2 clearance lamps  
2 contour lights  
2 x 7-pin and 1 x 15-pin socket

---

## **PAINTWORK**

Blasted with steel granulate, treated with zinc dust primer and spray painted with 2-component acrylic paints for commercial vehicles (standard RAL or truck colour)

Plastic and hot-dip galvanised parts unpainted,  
powder-coated attachments/installation parts black

Reflective contour marking strips across entire length of sides and all-round contour marking at rear (white on sides and red at rear by default), according to ECE 48

---

## **ACCESSORIES**

Rear markings as per ECE standards

---

## **ATTACHMENTS**

Wheel chock(s) as per regulations  
Noise dampers = rubber pads  
Foldable aluminium trapezoidal underride protection, unpainted  
Single wheel plastic mudguards with spray protection as per regulations  
Steel standing platform with aluminium safety grid, with guardrail and step unit, on chassis frame

---

## **Product impressions**



2-axle aluminium segment tipper semitrailer - wheelbase 1,810 mm



Axles with a wheelbase of 1,810 mm



Inclined front wall with hard chrome-plated, high-grade front tilt cylinder



OPTIONAL: External rear wall for higher load volume



Aluminium wearing flooring in the rear area approximately 3,500 mm from the end of the bulk discharge chute



Rear wall = hinged wall with recessed bearing and autom. mech. dual-hook central locking



Foldable aluminium trapezoidal underride protection



Stable and torsionally rigid chassis design with additional torsion tubes



