

Centre-axle 3-way tipper trailer - building site



Product benefits

- Insulated hollow chamber body for slow cooling, freezing and adhesion of load
- Tipper body construction using conical, trapezoidal profile side members in high-strength, lightweight design with small bottom panels for high dent resistance and shock absorption
- Hard chrome-plated, high-quality tilt cylinder
- Offset drawbar with height-adjustable, screw-on drawbar eye
- 1 step bar at the drawbar on the left in the direction of travel
- Foldable, tubular underride protection with wheel wedge for road-finishing use
- Installation of axles from well-known manufacturers such as SAF or BPW
- OPTIONAL: Bordmatic (= hydraulically folding side wall) on left side
- OPTIONAL: Aluminium flap on lateral central locking shaft
- OPTIONAL: Electropneum. side wall pendulum locking with switch operation in cab
- OPTIONAL: Standing platform comprising aluminium safety grid with guardrail and step unit
- OPTIONAL: Plastic roller tarpaulin incl. aluminium pole and hand crank
- OPTIONAL: Foldable lashing rings

Product details

TYPE DESIGNATION

CENTRE-AXLE 3-WAY TIPPER TRAILER

For handling bulk materials such as sand, gravel, rubble, ground excavation etc. on building sites

DIMENSIONS

Internal length: approx. 4,880 mm

Internal width: approx. 2,420 mm

Total width: 2,550 mm

Loading height, unladen: approx. 1,440 mm

FRAME

Centre-axle welded steel frame construction in weight-optimised lightweight design

Offset drawbar with height-adjustable (- approx. 110 mm) screw-on drawbar eye, 50 mm, for centre-axle heavy-duty coupling, unladen coupling height approx. 800 - max. 1,000 mm

1 rung on the drawbar on left in direction of travel

CHASSIS

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

Drum brake axles,
S-cam brake 420/180 mm,
autom. brake linkage adjuster
each with 9 t axle load, wheelbase 1,310 mm

Tyres :

4 x 385/65 R 22.5 160J, manufacturer as per factory specifications

4 steel wheel rims 11.75 x 22.5, 10-hole, without rim offset, silver

SUPPORT FIXTURES

1 mechan. support jack at front

BRAKE SYSTEM

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

Two-line brake

Spring-loaded parking brake on 2nd axle

Hose lines routed under drawbar

EBS - electronic brake system
Knorr 2S2M = 2nd axle sensed
RSS - stability program
Steel air tank

TIPPING SYSTEM

1 HP tipper cylinder for 3-way tipping, approx. 30 t initial lifting force
1 arrester cable
1-pipe system with hydraulic connecting hose incl.
plug-in coupling NW13, without truck attachments

ELECTRICAL EQUIPMENT

24 V lighting system according to EC Directive 76/756/E WG
2 seven-chamber tail lights
LED side marker lights
Electric cables routed under drawbar
2 clearance lamps
2 contour lights
Fixed cable(s) with 2 x 7-pin or 1 x 15-pin connector

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

ATTACHMENTS

Wheel chock(s) as per regulations
Side impact protection made from aluminium profiles as per regulations, coated black
Noise dampers = rubber pads
Foldable, tubular underride protection, with bumper block for road-finishing use
Single wheel plastic mudguards with spray protection as per regulations
Hooks for dosing chains on swivelling rear wall

WEIGHTS

Gross weight (perm.): 18 t
Gross weight (techn.): 19 t with 1 t drawbar load

Payload: approx. 14 t

Tare weight: approx. 4 t

TIPPING LOADING RAMP

Full-steel welded construction with fine-grained special steel floor panels, 5 mm

HARDOX HB 450

(slight floor unevenness possible due to weld distortion)

SIDE WALLS

Fixed steel plate front wall, 4 mm, approx. 980 mm high

2 step bars inside and 3 outside on front wall

1-part reinforced aluminium hollow profile side walls, 60/40 mm, approx. 880 mm high, foldable with extended swivel bolt locks and spring lifting aid, hinged with left-sided man. central locking, right-sided man. central locking

Steel plate rear wall, 4 mm, approx. 980 mm high, hinged with raised bearing and autom. pneumatic locking

ACCESSORIES

Rear markings as per ECE standards

POSTS

2 fixed rear corner posts, raised, side-mounted

Product impressions



Steel sheet front wall with step on inside and outside



Steel sheet rear wall, hinged with raised bearing and autom. pneumatic lock



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OPTIONAL: Bordmatic (= hydraulically folding side wall) on left side, with dual-action cylinder on the front wall, operated from the cab



Tipper body design with conical trapezoidal profile side members in high-strength, lightweight design with small bottom panels for high dent resistance and shock absorption



OPTIONAL: with stand and with tarpaulin



Foldable, tubular underride protection, with bumper block for road-finishing use



Offset drawbar with height-adjustable, screw-on drawbar eye incl. 1 step bar on the left in the direction of travel

