

## SCHMITZ 3 Axle S.HD Flatbed - 13m / 50t – Semi Trailer - NEW

### Trailer dimensions

External lengths	ap. 13000 mm
Internal lengths	ap. 13000 mm
External width	ap. 2500 mm
Floor width	ap. 2410 mm
Floor height front	ap. 1535 mm
Floor height rear	ap. 1535 mm
Total height front	ap. 1535 mm
Total height rear	ap. 1535 mm

Tire Size ap.	13 R 22.5
Gross weight (plated/design) ap.	57.000 kg
Payload (plated/design) ap.	50.000 kg
Bogie Load (plated/design) ap.	37.000 kg
King pin Load (plated/design) ap.	20.000 kg
Self-weight ap.	7000 kg
fifth wheel height ap.	1350 mm
Wheelbase ap.	7950 mm

### Specification List

10023 Trailer Model: S.HD Flatbed

Semi-Trailer for general heavy duty cargo  
Produced by Schmitz Cargobull  
Chassis and body design for 13000 mm external length and 2500 mm external width  
Reinforced chassis design for 50000 kg payload  
Fully galvanized roll formed steel main beam  
Bolted main and cross beam connections

31012 King pin: 3.5 inch (90#) with sliding plate

3.5' inch Jost king pin positioned at 1300 mm  
Bolted connection for easy exchange  
Specially designed sliding plate to improve the coupling process, with painted surface

Hanger bracket positioned for a coupling height range from 1310 mm to 1375 mm

Coupling height range is influenced by the tire size

32012 Landing gear - Jost C200 T-Shoe

Jost landing gear with T-Shoe  
Single winch system, with 2 gear types  
24000 kg lifting capacity and 50000 kg static load capacity

### 32022 Landing Gear support structure: Fleet package

Bolted landing gear connection to the main beam

Additional support structure between the chassis and landing gear, which increases the stability during uncoupling processes.

Recommended if the trailers are regularly uncoupled

### 33011 Lateral Protection: Side

Two horizontal lateral side protection bars, with painted surface

### 33021 Lateral Protection: Rear

Horizontal lateral rear protection bar, with white cathodic painted surface

### 34011 Heavy duty steel floor with friction

Fully galvanized grove type steel floor, with friction 4 floor segments, outer segment with 2.5mm thickness, inner segment 2,0mm thickness

The floor segments are bolted to the chassis structure

### 35011 24V LED Light System

24V multi volt lighting system

7 Pin Connector acc. to GB 4785-2007

LED: Red rear / break light; white return light, yellow direction indicators

White color license plate lamp

White color position lamps, 2 located at the front bulkhead and 4 at the rear door 2 triangular reflectors, located on the lateral rear protection bar

5 yellow side marking reflectors, located at the outer floor segments

### 36011 Load security hooks

50 Units of 12mm thick galvanized steel hooks

Welded to the crossbeams and located below the outer floor segments 36021

19 Units of 1.5t load securing winches

1.5 t winch system with black cathodic painted surface

19 units 41011 3x13t Axle – Twin Tire

3-Axle Group (Tandem) for twin Tire, VB Type

13t per axle 42021 Suspension: Leaf Spring 8x90x16

8 Units of 90mm x 16mm leafs, designed for 12.75t

Made of special spring steel 43024

Axle BPW 420x200 Automatic Slack adjustment

Axle from BPW Drum Brake size: d= 420mm b= 200mm

With automatic slack adjustor 43041 Brake System

Pneumatic air brake system acc. to GB 12676 – 1999

Incl. 100l air chamber 43051 ABS

ABS 4M/2S Type VCS II by Wabco

With Emergency relay and park valve 44021 Tire: 13R22.5 SCB

12 tires

45011 Mud Guards with Schmitz Logo

4 Units of vertical plastic mudguards, located in front first axle and behind the third axle

Black color with Schmitz Cargobull Logo 51113 Bulkhead - 1200mm (Flatbed)

Galvanized Steel Bulkhead Black cathodic painted steel corner posts Reinforced bolt connection to the floor segments

60201 Spare wheel carrier: Single – Back Position

Clipped to the main beam structure

Winch system for lifting and fixation 70042 Rear Brand Plate: Export

Rear Branding plate with the Schmitz Cargobull Logo 70052 Toolbox Brand Sticker: Export

Toolbox Sticker with the Schmitz Cargobull Logo SR003 Container Twist Lock – 2x20 / 1x40

Lifting type twist locks from Jost 8 Units of twist lock for the positioning of 1x40', 2x20' ISO Containers  
Reinforced crossbeam structure