

**Schmitz Cargobull
SKI 24 3AT 9.6**

tri-axle semi trailer steel - Light - Chassis – with
tipper body

Type: 661824 Steel half pipe body

Dimensions and weights

| | | | | | |
|--------------------------|-------------|-----------|------------------------------------|-----------------|----------|
| Internal length | ap. | 9300 mm | Gross weight | (Plated/Design) | 54000 kg |
| Internal width | ap. | 2354 mm | Payload | (Plated/Design) | 45026 kg |
| Side board height | ap. | 1660 mm | Axle group load | (Plated/Design) | 36000 kg |
| Loading height (unladen) | ap. | 3615 mm | King pin load | (Plated/Design) | 18000 kg |
| Volume | 35.4 m3 | | Total tare weight | +/- 3% | 8974 kg |
| Tyre size | 385/65R22.5 | | Fifth wheel height, loaded approx. | 1200 mm | |
| Coupling height | 1440 mm | Wheelbase | | | 6170 mm |

Chassis Qty.

CARGOBULL * H I G H L I G H T S *****

C00456 Production GOTH A 1

Registration / Certification

P02113 2 marker plates at rear ECE-R70 1

X90552 with trailer/ body cert. (to §13 EG FGV) 1

C h a s s i s

G01027 HD Chassis Frame 9.6 welded Barley Seed,Load distri. for 3 axles SZM 1

F42182 axle distance 1310/1310/1310mm 1

C31017 Kingpins: 2" x acc. SAE standard, changeable King pin pos.,1 kingpin 3.5" provided loose 1

X00226 Side guard, colour Schmitz granite 1

C21056 Folding underride guard 1

L i f t i n g a x l e

G00010 Front lift axle, autom./pneum. with traction increase, electr. (lifting of loaded axle) 1

H y d r a u l i c

G00286 hydraulic hose with screw coupling, loose part with 1"internal thread max. 250 BAR 1

G01306 Hydraulic hose bracket and park position at bracket for light and air connections 1

F86574 HEAVY DUTY Low pressure cylinder 170bar to max. 190bar manufacturer HYVA 1

A x l e s

A30051 SAUER axle,9t,track 2040,Sp.ctr.1300,0-offset drum brake 420 mm 4

R00053 10 stud wheel spigot mounting according to DIN 74 361 (part 3) 1

X90009 Wheel nut spanner 1

F87653 4x9t SAF-axles drum brakes (4-axles) 1

S u s p e n s i o n

A00719 SCB-air susp. type: MRH-KU35 4

B r a k e s y s t e m

B99974 Twin line compressed air brake system with standard couplings 1

G01323 Steel air Reservoir 1

B14023 EBS 4S/3M, electronic braking system with ROLL Stability 1

B14045 EBS power supply by ISO 7638 socket + CAN-bus 1

G00032 Axle load indicator 1

G00423 Automatic lowering (EBSE) 1

A00914 Spring brake air chambers 1

G00422 electric raise and lowering system 1

B99905 2 wheel chocks with holders 1

B99846 Electronic air suspension WABCO OptiLevel 1

F87836 WABCO Trailer Opti Turn 1

T r a i l e r - I n f o - S y s t e m

B14090 Trailer-Info-System (Smartboard) incl. axle load indicator, milage record 1

Landing gear

G00047 Jost model "MODUL" landing legs, compensating foot, one side operation, brace, low mainten. 1

Lightsystem

E00291 Light system 24V with multi-chamber light 1
E00062 2plugs 7 pin 1xDIN ISO3731/1xDIN ISO1185 +1 plugs 15 pin DIN ISO12098 1
E00088 Tail lights mounted at standard height 1
E00107 LED side marker lights with reflectors 1
G00049 2 white front position marker lights 1
E00128 1 pair of LED tracking lights 1

Wheels and tyres

F40117 8x 385/65 R22.5 (11.75x22.5) (4-axes) 1
R30010 Tyre brand SCB "SELECTION" Continental/ Goodyear/Dunlop/Hankook/Pirelli/Bridgestone 1
F42373 Black caps for wheel nuts (4 axes) 1
R30019 Regional traffic tyres (M + S) 1
R41810 spare wheel 385/65R22.5 "SELECTION" on steel rim 11.75x22.5 1
R40150 Steel rims 8

Spraysuppression

P00807 Plastic single mudguard with separate lamp panel 1
P00704 Anti-spray mud flaps with Schmitz Cargobull logo 1

Furtherchassisequipment

G00043 1 tow coupling incl. coupling device, l.h.s. 1

Bodywork

Frontbulkhead

G00129 Front bulkhead, 17° inclined with reinforcements for front lifter 1
G00680 Working platform with ascent r.h.s and ladder for entry into body (height up to 1660mm) 1
F86575 Bulkhead with reinforced bracket for hydraulic cylinder 1

Sidewalls

G01938 Steel sidewall 6 mm (SR HD 9.6/1660mm) 1
G00462 sidewall from SCB-steel 420 wear coeff.=>250KW/mm, Beul coeff.=>136J/mm² 1

Tipper/Equipment

G00856 Steel rounded body (SR) HD 9.6, height 1660mm 1
*** length of tipper body 9300 MM

Rearclosure

G00159 Top hinged steel tailgate 17° inclined with 2 hooks and surrounding sealing 1
G00628 automatic, mechanical 2 hook locking with double rods 1
G01080 single pendulum bearing on the tailgate 1

Floor

G01924 Steel floor 8 mm (SR HD 9.6) 1
G00460 floor from SCB 450 steel wear coeff.250KW/mm, Beul coeff.=>160J/mm² 1

Roof/superstructure

G00440 flat covering frame 1
G00443 1 straight crossbrace with tensioning chain. 90° bendable, removable, telescopic. 1
G00389 with markings for cross bow/tensioning chain on RH and LH sidewalls 1

C u r t a i n s

| | | |
|--------|--|---|
| G00551 | PVC roller curtain, with curtain rolling profile + lateral stops (9.6) | 1 |
| G00527 | curtain tensioning at rear with tension rubbers to the bottom | 1 |
| G00624 | Tarp op.rod short vers. 1650 mm | 1 |
| G00531 | Pcs. fixing of curtain by tensioning belt & ratchet - lateral | 3 |

P a i n t i n g / F i n i s h i n g

| | | |
|--------|---|---|
| G00090 | Colour of tipper body: as requested (metallic = extra charge) | 1 |
| G00092 | Colour of chassis: as requested | 1 |
| G00093 | Hubs: Factory finished (KTL) black | 1 |
| C00087 | Wheel rims: Factory finish (Silver) | 1 |
| K99210 | Landing legs: Factory finish - Jet Black | 1 |
| X90199 | Without lettering | 1 |
| X90374 | Reflecting tape to rear, colour: red | 1 |
| X90378 | Reflecting tapes on sideboards, colour: white | 1 |

Technical modifications due to development are subject to change without notice.

Painting

| Part | Colour | Number | Class. |
|--------------|--------------------------|---------------|---------------|
| Chassis | BLACK GREY | 7021 | RAL |
| Tipping body | MOUSE GREY | 7005 | RAL |
| Hubs | KTL-COATED - JET BLACK | 12 | KTL |
| Wheels | WHITE ALUMINIUM (SILVER) | 9006 | RAL |
| Side guard | SCHMITZ GRANIT | 7350 | — |
