

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 *** HIGHLIGHTS ***

C00456 Production GOTHA 1

Registration / Certification

P02113 2 marker plates at rear ECE-R70 1

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

Chassis

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

Lifting axle

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

Hydraulic

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

Axles

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

Suspension

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

Brake system

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

Trailer-Info-System

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-axles) 1
R30010 Tyre brand SCB "SELECTION" Continental/ Goodyear/Dunlop/Hankook/Pirelli/Bridgestone 1
F42373 Black caps for wheel nuts (4 axles) 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.

P a i n t i n g

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	-
