

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 m ³		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 GOTHA

1

R e g i s t r a t i o n / C e r t i f i c a t i o n

P02113 2 marker plates at rear ECE-R70
X90552 with trailer/ body cert. (to §13 EG FGV)

1
1

C h a s s i s

G01027 HD Chassis Frame 9.6 welded Barley Seed,Load distri. for 3 axles SZM
F42182 axle distance 1310/1310/1310mm
C31017 Kingpins: 2" x acc. SAE standard, changeable King pin pos.,1 kingpin 3.5" provided loose
X00226 Side guard, colour Schmitz granite
C21056 Folding underride guard

1
1
1
1
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
G01306 Hydraulic hose bracket and park position at bracket for light and air connections
F86574 HEAVY DUTY Low pressure cylinder 170bar to max. 190bar manufacturer HYVA

1
1
1

A x l e s

A30051 SAUER axle,9t,track 2040,Sp.ctr.1300,0-offset drum brake 420 mm
R00053 10 stud wheel spigot mounting according to DIN 74 361 (part 3)
X90009 Wheel nut spanner
F87653 4x9t SAF-axles drum brakes (4-axles)

4
1
1
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
G01323 Steel air Reservoir

1
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

L a n d i n g g e a r

G00047 Jost model "MODUL" landing legs, compensating foot, one side operation, brace, low mainten.	1
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L i g h t s y s t e m

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

W h e e l s a n d t y r e s

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

S p r a y s u p p r e s s i o n

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

F u r t h e r c h a s s i s e q u i p m e n t

G00043 1 tow coupling incl. coupling device, l.h.s.	1
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B o d y w o r k

F r o n t b u l k h e a d

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

S i d e w a l l s

G01938 Steel sidewall 6 mm (SR HD 9.6/1660mm)	1
G00462 sidewall from SCB-steel 420 wear coeff.=>250KW/mm, Beul coeff.=>136J/mm ²	1

T i p p e r / E q u i p m e n t

G00856 Steel rounded body (SR) HD 9.6, height 1660mm *** length of tipper body 9300 MM	1
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R e a r c l o s u r e

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

F l o o r

G01924 Steel floor 8 mm (SR HD 9.6)	1
G00460 floor from SCB 450 steel wear coeff.250KW/mm,Beul coeff.=>160J/mm ²	1

R o o f / s u p e r s t r u c t u r e

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	—

Chassis no. External reference

Schmitz