

Technical description

Schmitz Cargobull
SCS 24/L - 13.62 E B

Curtainsider Universal

Dimensions and weights

Internal length	ap.	13620 mm	Gross weight (Plated/Design)	39000 kg
Internal width	ap.	2480 mm	Payload (Plated/Design)	32665 kg
Bulkhead height	ap.	2400 mm	Axle group load (Plated/Design)	24000/27000 kg
Internal height at front	ap.	2700 mm	King pin load (Plated/Design)	15000 kg
Internal height	ap.	2700 mm	Total tare weight	+ /- 3% 6335 kg
Side aperture height at front	ap.	2550 mm	Coupling height UNLD	1139 mm
Side aperture height at rear	ap.	2550 mm	Suspension ride height	300 mm
Total height at front (unladen)	ap.	4001 mm	Wheelbase	7700 mm
Total height at rear (unladen)	ap.	3972 mm	Door aperture height	ap. 2598 mm
Floor height at rear (unladen)	ap.	1242 mm	Door aperture width	ap. 2480 mm
Tyre size		385/65R22.5		

Chassis

CARGOBULL HIGHLIGHTS

C00441 TIR to SCS specification
C00630 without S.CS SMART PLUS equip. package

LOAD SECURING CERTIFICATE

C00417 Load securing: Body cert. acc. to EN 12642 XL (TUV-load securing certificate in German)
P02123 2 reflective marker plates 565x200 ECE-R70 fitted vertically on rear doors

Chassis

C00292	standard specification chassis
C00300	MODULOS bolted chassis construction
C41061	Bolted basket-type spare wheel holder for 2 spare wheels behind unit
C00303	Wheelbase 7700 mm
G00995	Axle distance 1310/1310 mm
C00182	Side rave with curtain fastening profile and 3 pairs side post pockets
C60029	Lashing holes in the outer frame concealed by the plank ramp strip
P00177	Ramped trim to side rave both sides in conjunction with pallet stop Side
X00199	guard
C21033	Underride guard
C31014	Single bolted 2"king pin, position 1690mm, acc. to SAE-Norm
C00796	L-beam height, front 125mm, rear 400+ 28mm Smart Generation

Axles

A01008	ROTOS SCB running gear (disc brakes)
A32074	SCB axle 9 t, SP2040, FM1300,120 offset disc brakes 430 mm
A00841	Disc diameter ap. 430mm
R00053	10 stud wheel spigot mounting according to DIN 74 361 (part 3)

Suspension

A00720	SCB-air spring type: MRH-KM30
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Brake system

B99974	Tw in line compressed air brake system with standard couplings
G01323	Steel air Reservoir
B12013	EBS 2S/2M, with roll stability program
B14045	EBS power supply by ISO 7638 socket + CAN-bus
A00914	Spring brake air chambers
B99893	Raise-lower valve with AUTO-RESET function
B99905	2 wheel chocks with holders

Landing gear

C50025	Landing leg JOST, half-round foot with plate, single-side operation, low maintenance
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Light system

E00291	Light system 24V with multi-chamber light
E00062	2 plugs 7 pin 1xDIN ISO3731/1xDIN ISO1185 + 1 plugs 15 pin DIN ISO12098
C24001	Rear lamp panel with "SCHMITZ" logo, color: WHITE
E00107	LED side marker lights with reflectors
E00128	1 pair of LED tracking lights
E10031	Without back-up warning syst. / ramp appr. aid

Wheels and tires

R30010	Tire brand SCB "SELECTION" Continental/ Goodyear/Dunlop/Hankook/Pirelli/Bridgestone
R30019	Regional traffic tires (M+S)
R40002	6x 385/65R22.5 (11.75x22.5)

R41800 Spare wheel 385/65R22.5 "SELECTION" on steel rim 11.75x22.5 ET120
R40151 Steel rims, offset 120mm
R00078 Protective caps for wheel nuts

Spray suppression

P00780 without additional mudguard
P00830 Vertical plastic mudguards
P00700 Anti-spray mud flaps with Schmitz Cargo bull logo

Further chassis equipment

V00036 Lashing rings in the rear head frame
X10402 Plastic toolbox with cover holder, sleeves and drawer in front of unit
P02066 Rubber ram protection rear side
P02021 2 vertical rubber block buffers mounted on lamp panel
B99907 Coupling connectors and sockets mounted on front of chassis
C90013 1 ascent ladder at rear end, telescopic
V00065 Lashing eyes, 16 pairs, 4t tensile force per eye according to EN 12640

Body work

Tilt body

P99502 Superstructure 3x divided

Front bulkhead

P00093 Bulkhead, steel corner posts, kick strip 350mm high

Roof support

P01220 3 pairs side posts with 4 pockets for rigging boards reinforced

Rear closure

P00307 2 steel rear corner posts for SCHMITZ sliding roof, rear tensioning device
P00334 Full height ALU double hinged door double integral lock rods
P00347 Pull rod w. holder in rear wall door, left

Floor

B90025 28 mm phenolic plywood floor, max 7100 kg forklift axle load tested to DIN EN 283
B90037 Schmitz Cargo bull floor sealed all around and in-between the floor stops

Roof / super structure

P01567 SCHMITZ sliding roof, depth 180 mm, pallet width (2480mm), lifting rear header

Rigging boards

P15061 Row(s) aluminum support laths with connection profile

Curtains

P16032 Sliding curtains 880g/m² with reinforcement for load securing.
P16015 Stainless steel OVER-CENTRE curtain buckles
P16212 Roof curtain "SCHMITZ SAFETY ROOF" white
P16095 curtain rope runs around vehicle with holder on front bulkhead (with TIR seal)
P16215 Front w. all aperture: galvanized

P01910 Flame-retardant curtain according to ISO 3795-89 / DIN 75200

Painting / Finishing

C00135 Chassis: Hot dip galvanized
G00093 Hubs: Factory finished (KTL) black
C00087 Wheel rims: Factory finish (Silver)
K99210 Landing legs: Factory finish - Jet Black
X90328 SCHMITZ-CARGOBULL logo on rear doors l.h.s.
C00146 Front bulkhead ALU planking: Anodized Steel corner posts: Galvanized
C00147 Rear doors: Anodized. Steel corner posts: galvanized
X90199 Without lettering
X90356 Red reflective tape surrounding rear closure
X90376 Contour markings on side curtain, color: reflective white

Painting

Part	Color	Number	Class.
curtain	SILVER/WHITE ALUMINIUM (RAL 9006)	90006	SCHMITZ
Hubs	KTL-COATED - JET BLACK	12	KTL
Corner posts	HOT DIP GALVANISED	10	—
Rear corner posts	HOT DIP GALVANISED	10	—
Chassis	HOT DIP GALVANISED	10	—
Landing gear	JET BLACK	14	—
Wheels	WHITE ALUMINIUM (SILVER)	9006	RAL
Bulkhead	ANODISED	15	—
	ANODISED	15	—