

Technical Specifications of Tri-Axle Bulk Semi Trailer (V-Shaped)

USBU-3

General & Technical Specifications	
Capacity	28 m ³ , 3 loading inlets and air hoses for vibration and aeration suitable for quick unloading
Structure of Chassis	Single-piece chassis made of special S550MC steel, welded by GMAW process
Axles and substructure	3 axles in either disc or drum brake design (depending on the customer request) equipped with automatic lifting system on the front axle. Capacity: 9 tons per axle Brand: SAF, CEYLAN, or NURMEK
Suspension System	All components including air filters, balance, platform, and front axle lifting valves are supplied by KNORR
King Pin	Pin and Flange size: 2", supplied by GF or SAF Germany.
Wiring & Lighting system	All rear and side lights are of LED and anti-spark type (ASPOCK, Austria). The wiring system is integrated without any joints (according to ADR regulations), which not only increases driving safety but also minimizes power consumption.
Braking system	Pneumatic system equipped with ABS (Antilock Braking System) and EBS (Electronic Braking System and Roll Stability Control for the prevention of lateral acceleration), supplied KNORR from Germany.
Landing Gear	Adjustable 2-speed modes: 24 T (dynamic mode) to 50 T (static mode)
Wheel Rims	6 seamless rims. Size: 11.75*22.5
Tires	6 tubeless tires Size: 385/65R/22.5
Loading and unloading	Plumbing system for loading and unloading operations is complete with high-quality vanes made in Turkey
Painting Process	The entire structure is covered with two layers of primer and paint after the preparation operation by shot blasting method. The coatings used are epoxy and polyurethane. Adhesion test and thickness measurement are performed after finishing painting.
Other accessories	<ul style="list-style-type: none"> - 1 stainless steel water tank - 1 Wheel chock with holder. - Rear door support - 6 semi-circle fenders with 2 spray suppression mudguards on the rear axle. - The RUPD (Rear Underrun Protection Device) according to recent version of ECE R58 regulation

	<ul style="list-style-type: none">- One rear metal ladder- Safety Inspection aisle on top of the tank, supported by reinforced guards.- Spare tire rack with support for 2 tires provided with one spare tire- 1 fire extinguisher box- 1 fixed bumper with safety and warning signs, reflectors.- Identification Plate showing Type, Application, Serial No., Production Year, Weight, etc.
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