

3 AXLES Bulker SEMI TRAILER 28m³



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Specifications 3 AXLES Bulker SEMI TRAILER 28m3

Chassis Construction

The Chassis is made of high - strength steel (S500 MC / ST52-3) using a special semi-automatic CO₂/Argon welding machine (Merkle Technology), Each Flange plates are integrated and 10mm thickness, Assembled using a special fixture

Tank Construction

The tank is made of 4 mm thick EN S235JR steel, with a 20-degree dip, End cap thickness 6mm, 3 inlet and 1 outlet door, Complete Penetration welds to prevent leakage, Built in permanent ladder for PM, Design Pressure is 2 bar

Suspension and axles

3×9 tons(27tons) intra disc brake or drum brake, front axle with automatic lifting function, air suspension system with special shock absorber, Automatic and manual height adjustment capability with rotary slide valve, Height limitation system (FOX / SAF)

Landing Legs

2 speed , Dynamic Capacity 24 tons & Static Capacity 50 tons , operated from the right side, (OMS)

Electric System

2×7 and 15 Pole quick release connector, 24 volts system, rear and side light with LED type according to European Standard UNECE R48, E20 and E9, equipped with SMCG(ASPOCK)

Braking System

Two double acting diaphragm brake chamber for each two rear axles and two single acting diaphragm brake chamber for lifting axle, EBS System (Electronic Brake System) with ABS (Anti-lock Brake System) and RSP (Roll Stability Program) Disc and Drum, park release emergency valve, reset to ride height function, KNORR® / WABCO® (Germany)

Kingpin

2 Inch dia. (152 / 162 KN) with special flange, according to SAE standard

Painting

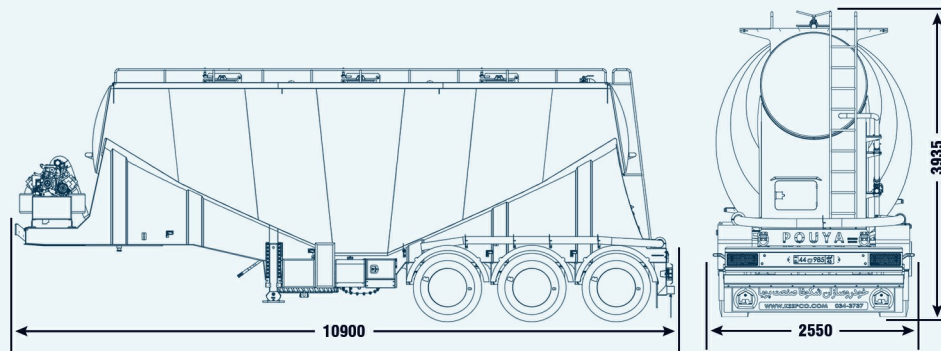
Sand Blasted according to SA2.5, One layer of epoxy primer, and one layer of final polyurethane coating as per customer requirement

Charge & Discharge

4" Butterfly valve for Discharge line, capability of flow adjustment, dehumidifier in pneumatic supply line and 2 safety valve, schedule 80 pipe for discharge line

Other accessories

6 tubeless radial tires 385/65R22.5
6 single integrated rims R22.5-11.75
6 semi-circular mudguards
2 Rear rain Flap according to IR EU 109 standard
Rear under-run protection according to UNECE R58 standard
2 wheel chocks with holders
Winch type Wheel Carrier with special lock
Fix Rear ladder
Stainless steel water tank, 30 L
Metal fire extinguisher box
toolbox with internal drawers
2 heavy-duty swing arms



King pin load	11500 kg	Centre of 5th wheel to Center of middle axle	6410 mm
Axle load	27000 kg	End of chassis to Center of middle axle	2215 mm
Tare weight (considering compressor)	8000 kg	Rear overhang	905 mm
Pay load(semi trailer+load)	35000 kg	Overall height	3935 mm
5th wheel height	1150 - 1200 mm	Outside width	2550 mm
Axle spread	1310 mm	Overall length	10900 mm
Volume	28 m3		

Options	Diesel compressor, working pressure 2 bar and 9 m3pm flow Stainless steel water tank, 60 L , Spare tire and rim
Licenses	Has been approved by the Iranian National Standards Organization. Regard for welding standard and provides a certificate of welding inspection, dimensional control and hydrostatic test(3 bar)



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