

3 AXLES 36m³ TIPPER SEMI TRAILER Lightweight



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Specifications 3 AXLES 36m³ TIPPER SEMI TRAILER Lightweight

Chassis Construction

Chassis and other metal pieces are made of high - strength steel (S500 MC / ST52-3) with special semi- automatic Co2/Argon welding machine (Merkle Technology) , Each web and flange plates are integrated , Assembled using special fixture

Hydraulic System

Five-sage telescopic cylinder with working pressure 170-190Bar, 60 tons unloading capability, GHS197 & OD 220 mm, equipped with pneumatic switch, 155 liters oil tank and other hydraulic components (HIDROMAS Turkey)

Suspension and axles

3×9 tons(27tons) intra disc brake or drum brake, front axle with automatic lifting capability, 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 right side, (OMS)

Electric System

7 and 15 Pole quick release connector, with 24 volts 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

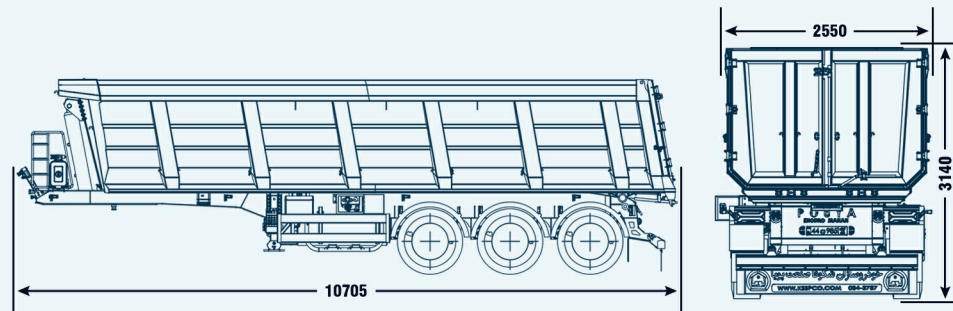
Sand Blasted according to SA2.5 , One layer epoxy as primer , One layer final polyurethane coating as per customer requirement

Body Construction

Body made of high - strength steel (S500 MC / ST52-3)
Floor: thickness is 4 mm and reinforced by special steel cross and longitudinal members
Walls: thickness is 3 mm and reinforced by special steel diagonal pillars
Front Plate: thickness is 6 mm
Rear door: thickness is 3 mm with dual purpose (opening upward and pivoting 2 sides)
With accessories for curtain installation and curtain box in front wall

Other accessories

6 x tubeless radial tires 385/65R22.5
6 x single integrated rims R22.5-11.75
6 Semi-circle mud guards
2 Rear rain Flap according to IR EU 109 standard
Manual pivot rear under-run protection according to UNECE R58 standard
2 wheel chocks with holders
Double Spare Wheel Carrier with special lock
Rear 3- step sliding ladder
Ladder & platform for access to front wall
Stainless steel water tank, 30 L
Metal fire extinguisher box
tool box with internal drawers
2 heavy duty swings



King pin load	11500 kg	Outside width	2550 mm
Axle load	27000 kg	Overall height	3200mm
Tare Weight (Approx.)	7700 kg	Overall length	10700mm
Pay load(semi trailer+load)	35000 kg	Body volume	36m ³
5th wheel height	1150 - 1200 mm	Body access height	1710mm
Axle spread	1310 mm	Body access width	2352mm
Centre of 5th wheel to Center of middle axle	6480 mm	Body access length	9230 mm
Wheelbase	2540 mm	Test Pressure	190 bar
Rear overhang	2700 mm	Max. tipping angle	42°
Centre of rear axle to rear edge of body	1390 mm		

Options	Stainless steel water tank, 60 L , Spare tire and rim , Automatic pivot rear under-run protection , Single purpose rear door , Installation of Side-mounted PTO pump , Curtain installation
Licenses	Has been approved by the Iranian National Standards Organization. Regard for welding standards and offering certificate of welding inspection ,dimensional control and hydraulic test.



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