

Cement Tank Trailer Specification Sheet

Pneumatic powder tankers from 30 to 68 cubic metres for cement, fly ash, lime, mineral powder and food-grade flour, on two and three-axle chassis.

20+	Years Manufacturing
40+	Countries Served
60,000+	Trailers Exported
420,000m2	Factory Area
200+	Trailer Models

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The Problem This Family Solves

Powder haulage is decided by density and discharge. A tank sized for cement runs half empty on fly ash, and a tank that bridges and leaves residue turns a twenty-minute discharge into an hour.

Core Advantages

- Volumes from 30 to 68 cubic metres so the tank matches your material density
- V shape inclined floor builds that let powder run to the outlet under gravity
- Square-section axles that resist the torsion a pressurised tank creates
- BOHAI 10m3 and 12m3 compressor options sized to your silo height and pipe run
- Food-grade interior finishes available for flour and ingredient work

Bulk Powder Tanker Trailer V Shape 52 Cubic Meter Tri-axle Cement Tank Truck

A V shape bulk powder tanker at 52 cubic metres on a 10500mm*2500mm*3950mm chassis with an 80 tonne maximum payload. The V profile is the point: the inclined tank floor means powder runs to the discharge outlet under gravity instead of bridging and leaving residue, which is what decides how long a discharge takes and how much material is left behind. Total volume options run 30 to 68 cubic metres, axles are two or three at 12T, 13T or 16T in BPW, FUWA or HUAJING brand, the end plate is 5mm or 6mm Q235 carbon steel, and the compressor is a BOHAI 10m3 or 12m3 unit.

Shape	52 Cubic Meter Tri-axle Bulk Powder Goods Tanker Trailer
Use	Truck Trailer
Type	Semi-Trailer
Material	Steel
Size	10500mm*2500mm*3950mm
Max Payload	80T
Place of Origin	China
Axle	2/3axles,12T/13T/16T,BPW/FUWA/HUAJING brand Total Volume(m3) 30-68m3
End Plate	5mm or 6mm/Q235 carbon steel Compressor BOHAI 10m3/12m3 or other brand

Powder Material Carrier Mobile Road Tanker Dry Bulk Cement Tank Truck Trailer

A compact two-axle bulk cement tanker at 9000mm x 2500mm x 3700mm, 8 tonnes tare and 33 tonnes loading capacity for a 41 tonne total. Two axles rather than three keeps the unit inside weight limits on routes where a tri-axle powder tanker cannot run, and makes it easier to place at congested batching plants. Axles are square-section 13 tonne FUWA units, the kingpin is a 2.00 inch 50# bolting type, tires are 12R22.5 Triangle brand on 9.00-22.5 rims with nine wheels including a spare. It carries bulk cement, coal ash and mineral powder.

Type	Bulk cement tanker semi trailer Usage: Transport bulk cement, coal ash, mineral powder,etc
Tare Weight	8 T
Loading Capacity	33 T
Total Weight	41 T Dimension 9000x2500*3700mm (The final dimensions depend on the final design drawings)
Engine	Diesel
Axle	2 axles *square axle with 13 tons capacity, FUWA brand (Chinese best brand)
King Pin	2.00"(50#) bolting
Tire	specs 12R22.5, Triangle brand (Chinese famous brand) OEM parts
Rim	9.00-22.5,(Chinese famous brand) Number of wheel 9 pieces(including one spare wheel)

High Quality Lime Coal Ash Powder Transport Tank Semi-trailer China Factory Direct Sales

A three-axle pneumatic powder tanker set up for lime and coal ash, 11000mm x 2500mm x 3800mm at 9 tonnes tare, 42 tonnes loading capacity and 51 tonnes total. Lime and fly ash are lighter and more abrasive than cement, so tank volume matters more than payload rating and the discharge system has to handle material that packs easily. Axles are three square-section 13 tonne FUWA units, the kingpin is a 2.00 inch 50# bolting type, tires are 12R22.5 Triangle on 9.00-22.5 rims with 13 wheels including a spare.

Type	Bulk cement tanker semi trailer
Tare Weight	9 T
Loading Capacity	42 T
Total Weight	51 T
Dimensions	Dimension 11000x2500*3800mm (The final dimensions depend on the final design drawings)
Engine	Diesel
Axle	3 axles *square axle with 13 tons capacity, FUWA brand (Chinese best brand)
King Pin	2.00"(50#) bolting
Tire	specs 12R22.5, Triangle brand (Chinese famous brand)
Rim	9.00-22.5,(Chinese famous brand) Number of wheel 13 pieces(including one spare wheel)

Powder Tanker Three Axles 45 Square Bulk Cement Tank Semi-Trailer for Sale

A 45 cubic metre bulk cement tanker at 11800mm*2500mm*3700mm, 10 tonnes tare, 55 tonnes loading capacity and 65 tonnes total weight. That 55 tonne figure is the highest payload in the powder range, which makes it the choice where the material is dense and the road allows the weight. Axles are three square-section 13 tonne FUWA units, the kingpin is a 2.00 inch 50# bolting type, and an electrical system and toolbox measuring 1.2 x 0.5 x 0.5m are fitted. ABS is part of the listed specification.

Type	Bulk cement tanker semi trailer Usage: Transport bulk cement, coal ash, mineral powder,etc
Tare Weight	10 T
Loading Capacity	55 T
Total Weight	65 T
Dimensions	Dimension 11800*2500*3700mm (The final dimensions depend on the final design drawings)
Engine	Diesel
Axle	3 axles *square axle with 13 tons capacity, FUWA brand (Chinese best brand)
King Pin	2.00"(50#) bolting

Flour Tanker Semi-trailer Bulk Cement Heavy Duty Silo Truck Trailer Ships Box Tractor Large

A pneumatic silo tanker set up for flour and other fine food-grade powders, 11000mm x 2500mm x 3800mm at 9 tonnes tare, 60 tonnes loading capacity and 70 tonnes total. Flour is a difficult cargo: it is light, it packs, and it must stay uncontaminated, so the tank interior finish and the discharge system matter as much as the capacity. The chassis carries three square-section 13 tonne FUWA axles, a 2.00 inch 50# bolting kingpin, 12R22.5 Triangle tires on 9.00-22.5 rims, and 13 wheels including a spare. The same tanker also handles cement, coal ash and mineral powder.

Type	Flour tanker semi trailer Usage: Transport bulk cement, coal ash, mineral powder,etc
Tare Weight	9 T
Loading Capacity	60 T
Total Weight	70 T
Dimensions	Dimension 11000x2500*3800mm (The final dimensions depend on the final design drawings)
Engine	Diesel
Axle	3 axles *square axle with 13 tons capacity, FUWA brand (Chinese best brand)
King Pin	2.00"(50#) bolting
Tire	specs 12R22.5, Triangle brand (Chinese famous brand)
Rim	9.00-22.5,(Chinese famous brand) Number of wheel 13 pieces(including one spare wheel)

Powder Tank Truck Three axles 35 Square Cement Semi-trailer

A 35 cubic metre cement powder tanker at 8000kg tare and 32000kg payload within a 40000kg gross, all plus or minus 5 percent. 35 cubic metres is the size that fits a standard 40 tonne gross limit with dense cement: at roughly 1.4 tonnes per cubic metre, a larger tank would be weight-limited long before it was full. Axles are three FUWA 13T sets on reinforced mechanical suspension, landing gear is FUWA 28T, the kingpin is JOST 50# or 90#, and braking uses 30/30 chambers on the rear two axles with a WABCO brake valve.

Type	Three axle 35 square powder tank truck Parameter
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Tare Weight	(kg) 8,000 kg(±5%)
Payload	(kg) 32,000 kg(±5%)
Gross Weight	(kg) 40,000 kg(±5%) Configuration
Axle	FUWA 13T, 3 sets
Suspension	enforced mechanical
Landing Gear	FUWA 28T
Kingpin	JOST brand 50#or 90#
Brake System	30/30 type on rear two axles, WABCO brake valve
ABS	Non

Cement Tank Trailer Questions

What Tank Volume Do I Need

Work from your material density and your legal gross weight. Cement at roughly 1.4 tonnes per cubic metre fills a 35 cubic metre tank at a 40 tonne limit; fly ash and lime need considerably more volume for the same payload.

Why Choose a V Shape Tank

The inclined floor lets powder run to the discharge outlet under gravity, which reduces bridging and residue and shortens discharge time against a flat-floored tank.

What Compressor Size Should I Specify

Size it against the silo height and pipe run at your delivery points, not against the tank. An undersized compressor makes every discharge slow.

Can One Tanker Carry Flour and Cement

Technically yes, but for food-grade work we recommend keeping the tank dedicated to food product and specifying the interior finish accordingly.

How Many Axles Do I Need

Two axles for restricted routes and about 33 tonnes; three axles for 42 to 55 tonnes where the road allows it.