

Dump Trailer Body Selection Guide by Material Type

Cargo Type	Material Density	Recommended Dump Body Shape	Typical Volume	Axle Configuration	Recommended Applications
Rocks, Ore, Concrete Blocks	High DensityApprox. 1.5–2.5 t/m ³	U-Type Steel Dump Body	25–35 m ³	3–5 Axles	Mining, Quarry & Heavy Bulk Transport
Sand, Gravel	Medium–High DensityApprox. 1.3–1.8 t/m ³	U-Type Preferred; Box Body Optional	30–45 m ³	3–4 Axles	Construction & Aggregate Transport
Wet Soil, Clay	High DensityApprox. 1.5–2.0 t/m ³	U-Type Dump Body	30–40 m ³	3–5 Axles	Earthmoving & Construction Projects
Coal	Medium DensityApprox. 0.8–1.3 t/m ³	Large Volume Box-Type Body Preferred	40–60 m ³	3–5 Axles	Mining & Bulk Material Transport
Grain, Wood Chips, Agricultural Materials	Low DensityApprox. 0.3–0.8 t/m ³	Lightweight Large Volume Box-Type Body	50–80 m ³	3–5 Axles	Agriculture & High-Volume Bulk Transport
Asphalt	Medium DensityApprox. 1.0–1.5 t/m ³	Insulated Dump Body	25–45 m ³	3–4 Axles	Asphalt & Road Construction