

Truck Category	Sub Type	Size (L x W x H)	Capacity	Axle Configuration	GVW (Gross Vehicle Weight)	Engine Capacity	Common Usage	Typical Route	Example Models
Open Body Truck	Small Flatbed Truck	10 ft x 5.5 ft x 2 ft	1 to 2.5 tons	2x2 (Single Axle)	3 to 5 tons	1.5 to 3.0 liters	Transport of light construction materials, machinery.	Intra-city	Tata Ace, Eicher Pro 1049, Ashok Leyland Dost
	Medium Flatbed Truck	14 ft x 6 ft x 2.5 ft	3 to 6 tons	4x2 (Dual Axle)	7 to 12 tons	3.0 to 4.5 liters	Transport of building materials, industrial goods.	Intra-city, Inter-city	Tata 407, Ashok Leyland Ecomet 1214, Eicher Pro 1110
	Heavy Flatbed Truck	18 ft x 7 ft x 3 ft	7 to 10 tons	6x4 (Tri Axle)	12 to 16 tons	5.0 to 6.5 liters	Transport of heavier construction materials, machinery.	Inter-city	Tata LPT 1613, Ashok Leyland 1616, BharatBenz 1617
	Heavy Flatbed Truck	20 ft x 8 ft x 3 ft	10 to 25 tons	6x4 or 8x4 (Tri/Quad Axle)	16 to 25 tons	5.0 to 7.0 liters	Large construction equipment, oversized goods.	Inter-city, Long-distance	Tata LPT 3118, Ashok Leyland U-3718, BharatBenz 2523
	Trolley Truck	24 ft x 8 ft x 3.5 ft	25 to 40 tons	6x2 or 8x2 (Tri/Quad Axle)	20 to 40 tons	5.5 to 7.5 liters	Transport of bulk items, agriculture, mining.	Inter-city, Specialized	Tata Signa 4923, Ashok Leyland 4921, BharatBenz 4928
Closed Body Truck	Small Box Truck	10 ft x 5.5 ft x 6 ft	1 to 2.5 tons	2x2 (Single Axle)	3 to 5 tons	1.5 to 3.0 liters	Local delivery of goods, electronics, and parcels.	Intra-city	Tata 407, Eicher Pro 1049, Mahindra Bolero Maxitruck Plus
	Medium Box Truck	14 ft x 6 ft x 7 ft	3 to 8 tons	4x2 (Dual Axle)	7 to 15 tons	3.0 to 4.5 liters	Intra-city transport of furniture, electronics, and general cargo.	Intra-city, Inter-city	Tata 709, Ashok Leyland Partner 4 Tyre, Eicher Pro 1110XP
	Heavy Box Truck	18 ft x 7 ft x 8 ft	9 to 20 tons	6x4 (Tri Axle)	16 to 25 tons	5.0 to 7.0 liters	Long-distance transport of general goods and palletized cargo.	Inter-city, Long-distance	Tata Ultra 1918, Ashok Leyland 2518 IL, BharatBenz 2523C
Container Truck	20-ft Container Truck	20 ft x 8 ft x 8.5 ft	10 to 15 tons	4x2 (Dual Axle)	16 to 25 tons	5.0 to 6.5 liters	Shipping container transport, logistics and supply chain operations.	Inter-city, Long-distance	Tata LPT 1613, Ashok Leyland U-2518, BharatBenz 2523R
	40-ft Container Truck	40 ft x 8 ft x 8.5 ft	20 to 30 tons	6x4 or 6x2 (Tri Axle)	25 to 40 tons	7.0 to 9.0 liters	Long-distance transport of heavy goods in large containers.	Long-distance	Tata LPT 3118, Ashok Leyland 3518, BharatBenz 4923T
	Reefer Container Truck	20 ft or 40 ft (length)	10 to 25 tons	6x4 (Tri Axle)	16 to 25 tons	6.0 to 8.0 liters	Transport of perishable goods in temperature-controlled containers.	Long-distance	Tata Ultra 1918, Ashok Leyland 2518, BharatBenz 2828C
Tipper Truck	Small Tipper	10 ft x 5.5 ft x 3 ft	2 to 4 tons	4x2 (Dual Axle)	7 to 10 tons	3.0 to 4.5 liters	Small-scale construction and landscaping projects.	Intra-city	Tata 407 Tipper, Ashok Leyland Dost Tipper, BharatBenz 1217C
	Medium Tipper	14 ft x 6 ft x 3.5 ft	5 to 10 tons	6x4 (Tri Axle)	12 to 16 tons	4.5 to 6.0 liters	Transport of loose materials like sand and gravel.	Intra-city, Inter-city	Tata 1613 Tipper, Ashok Leyland 1616 Tipper, BharatBenz 2523C
	Heavy Tipper	18 ft x 7 ft x 4 ft	15 to 25 tons	8x4 (Quad Axle)	25 to 35 tons	7.0 to 10.0 liters	Mining and large construction projects, transport of bulk materials.	Inter-city, Specialized	Tata Signa 2518K, Ashok Leyland U-2518, BharatBenz 3128C
Trailer Truck	Semi-Trailer Truck	40 ft x 8 ft x 8.5 ft	20 to 40 tons	6x4 or 6x2 (Tri Axle)	40 to 55 tons	9.0 to 11.0 liters	Long-haul transport of containers, machinery, and vehicles.	Inter-city, Long-distance	Tata Prima 4928, Ashok Leyland 3718, BharatBenz 4023T
	Lowboy Trailer	40 ft x 8 ft x 3 ft	30 to 80 tons	8x4 or 10x4 (Quad/Quint Axle)	50 to 80 tons	10.0 to 15.0 liters	Transport of heavy machinery and oversized loads.	Long-distance, Specialized	Tata Signa 5523S, Ashok Leyland 4923T, BharatBenz 4028T
	Flatbed Trailer	40 ft x 8 ft x 3.5 ft	20 to 45 tons	6x4 (Tri Axle, Tractor)	35 to 50 tons	8.0 to 12.0 liters	Transport of construction materials, steel coils, oversized cargo.	Inter-city, Long-distance	Tata LPT 3118, Ashok Leyland 3523H, BharatBenz 4923
Bulkier Truck	Cement Bulkier	30 ft x 8 ft x 8.5 ft	15 to 25 tons	6x4 (Tri Axle)	30 to 40 tons	7.0 to 9.0 liters	Transport of bulk cement to construction sites.	Inter-city, Long-distance	Tata Signa 2823.K, Ashok Leyland 2820, BharatBenz 2828C
	Grain Bulkier	30 ft x 8 ft x 8.5 ft	15 to 30 tons	6x4 or 8x4 (Tri/Quad Axle)	25 to 45 tons	6.5 to 8.5 liters	Transport of grains, feed, and other bulk agricultural products.	Inter-city, Long-distance	Tata Signa 4018.S, Ashok Leyland 4019, BharatBenz 4928
Refrigerated Truck	Small Reefer	10 ft x 5.5 ft x 6.5 ft	1 to 3 tons	4x2 (Dual Axle)	3 to 7 tons	2.0 to 3.5 liters	Local delivery of frozen and perishable goods.	Intra-city	Tata 407 Reefer, Eicher Pro 1049 Reefer, Mahindra Bolero Reefer
	Medium Reefer	14 ft x 6 ft x 7 ft	4 to 10 tons	6x4 (Tri Axle)	10 to 16 tons	4.0 to 5.5 liters	Regional transport of temperature-sensitive goods.	Inter-city	Tata 709 Reefer, Ashok Leyland Partner Reefer, BharatBenz 1217C Reefer
	Large Reefer	18 ft x 7 ft x 8 ft	11 to 25 tons	6x4 (Tri Axle)	16 to 25 tons	5.0 to 7.0 liters	Long-distance transport of perishable items such as food and pharmaceuticals.	Long-distance	Tata Ultra 1918 Reefer, Ashok Leyland 2518 Reefer, BharatBenz 2823C Reefer
Tanker Truck	Fuel Tanker	30 ft x 8 ft x 8.5 ft	5,000 to 20,000 liters	6x4 or 8x4 (Tri/Quad Axle)	20 to 40 tons	5.5 to 9.0 liters	Transport of gasoline, diesel, and other fuels.	Inter-city, Long-distance	Tata LPT 3118 Tanker, Ashok Leyland 3518 Tanker, BharatBenz 4923T Tanker
	Water Tanker	30 ft x 8 ft x 8.5 ft	6,000 to 20,000 liters	4x2 or 6x2 (Dual/Tri Axle)	12 to 30 tons	4.0 to 6.5 liters	Transport of potable or industrial water.	Intra-city, Inter-city	Tata 1613 Water Tanker, Ashok Leyland 1616 Water Tanker, BharatBenz 2523C Water Tanker
	Chemical Tanker	30 ft x 8 ft x 8.5 ft	5,000 to 25,000 liters	6x4 (Tri Axle)	25 to 35 tons	6.0 to 8.0 liters	Transport of hazardous chemicals, acids, or industrial liquids.	Inter-city, Long-distance	Tata 2518 Tanker, Ashok Leyland 2518 Tanker, BharatBenz 2828C Tanker