

A trailer for every need



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About Tata DLT

Tata DLT is a part of the Tata group - one of the most trusted business conglomerates in India.

Established in 2005, Tata DLT commenced its operations with an aim to provide superior quality trailers to Tata Motors. After a series of successful years with Tata Motors, the company expanded its presence into the wider market.

Today, Tata DLT offers a wide range of high performance trailers suited for every need. The trailers stand apart for their innovative designs based on practical insights and customer needs. The company works closely with Original

Equipment Manufacturers (OEMs) as well as leading and emerging transporters. The company also helps arrange financial support in close cooperation with commercial vehicles manufacturers and financial institutions.

With its rich experience and promise to quality, Tata DLT has grown to become one of the biggest manufacturers of trailers and truck bodies in India.



Our Vision

To be a complete solution provider in trailers and transportation industry with a competitive advantage in cost, quality and delivery.

State of the art facilities

- Structures are analysed using advanced software to optimise the designs using PRO/E & PROMECHANICA
- Our design engineers constantly work on new products for various applications

HD plasma cutting machine



Argo shield welding



Fixtures for accuracy

Shot blasting enclosure



Painting booth



Skilled workforce



Why Tata DLT?

When you buy a Tata DLT trailer, you are not only assured of the best quality but also, timely after sales service compared to a local body builder.

1. World class products
2. High degree of customisation as per specific customer application
3. Every product is designed, engineered and tested
4. Use of high grade material and standard components
5. Standard manufacturing practices using high automation
6. Timely deliver as per customer requirement
7. Warranty on all products
8. Service and spares availability
9. Confirms to all legal requirements and CMVR rules
10. Formal design approval provided for all products
11. ISO 9001:2008 CERTIFIED

Special features added in new Tata DLT trailers

Steel - ST-52

Higher grade of steel for lesser trailer weight to carry more payload

Brake - LQRV

Helps adjust braking pressure in loaded and unload conditions for longer tyre life and fuel efficiency

Suspension

More reliable for rough road conditions and higher payload

Shot Blasting

For better paint quality and longer trailer life

Flatbed Trailer

Specifications

Chassis:

- All steel welded construction
- 2 parallel flange beams of ST 52 or equivalent grade steel running along full length of the trailer
- Cross members - rolled or folded positioned at suitable locations
- Material: IS-2062/ST-52
- 3.15 MS chequered sheet platform
- 12 optional twist locks to suit 1-40 feet container, 2-20 feet container, 1-20 feet container at the centre

King Pin:

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

Axle:

- 3 axles (13-ton) provided
- Make: York or equivalent

Brakes:

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles
- Limiting and quick release valve provided for braking efficiency
- Manually actuated parking brake

Painting:

- Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

Suspension:

- 12-ton capacity tridem axle leaf spring suspension with load equalizing brackets

Landing Leg:

- Two speed landing leg
- Make: York or equivalent



Tip Trailer

Specifications

Chassis:

- Main girder: formed/rolled
- Material: ST-52 or equivalent
- Cross members - rolled or folded positioned at suitable locations
- IS: 2062/ S P52 or equivalent

King Pin:

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent.

Axle:

- 3 axles (13-ton) provided
- Make: York or equivalent

Brakes:

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- Manually actuated parking brake
- T24 brake chamber provided in all axles
- QRV or LQRV provided for enhanced braking efficiency

Painting:

- Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

Suspension:

- 15-ton capacity tridem axle leaf spring suspension with load equalizing brackets

Landing Leg:

- Two speed landing leg
- Make: York or equivalent

Hydraulic Kit:

- Hydraulic tank includes pump, tank, return line filter, tipping valve and hydraulic hoses
- Operating pressure 170 BAR
- Multi stage cylinder: Model - FC 191-5 - 6010 stroke length



Side Wall Trailer

Specifications

Chassis:

- All steel welded construction
- 2 parallel flange beams of ST 52 or equivalent grade steel running along full length of the trailer
- Cross members - rolled or folded positioned at suitable locations
- Material: IS-2062/ST-52
- 3.15 MS chequered sheet platform
- Fixed front and side panel, drop down rear door
- 1 window provided at the centre on both sides.

King Pin:

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

Axle:

- 3 axles (13-ton) provided
- Make: York or equivalent

Brakes:

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles
- Manually actuated parking brake.
- QRV or LQRV provided for enhanced braking efficiency

Painting:

- Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

Suspension:

- 12-ton capacity tridem axle leaf spring suspension with load equalizing brackets

Landing Leg:

- Two speed landing leg
- Make: York or equivalent



Skeletal Trailer

Specifications

Chassis:

- All steel welded construction
- 2 parallel flange beams of ST 52 or equivalent grade steel running along full length of the trailer
- Cross members - rolled or folded positioned at suitable locations
- Material: IS-2062/ST-52
- 8 twist locks provided to suit 1-40 feet container, 2-20 feet container
- Optional 4 additional twist locks to suit 1-20 feet container

King Pin:

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent.

Axle:

- 3 axles (13-ton) provided
- Make: York or equivalent

Brakes:

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- Manually actuated parking brake
- T24 brake chamber provided in all axles
- ORV or LQRV provided for enhanced braking efficiency

Painting:

- Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

Suspension:

- 12-ton capacity tridem axle leaf spring suspension with load equalizing brackets

Landing Leg:

- Two speed landing leg
- Make: York or equivalent



Semi Low Bed Trailer

Specifications

Chassis:

- All steel welded construction
- 2 parallel flange beams of ST 52 or equivalent grade steel running along full length of the trailer
- Cross members - rolled or folded positioned at suitable locations
- Material: IS-2062/ST-52
- 3.15 MS chequered sheet platform
- Optional 12 twist locks provided to suit 1-40 feet container, 2 – 20 feet container, 1-20 feet container

King Pin:

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent.

Axle:

- 3 axles (13-ton) provided
- Make: York or equivalent

Brakes:

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles
- Limiting and quick release valve provided for braking efficiency
- Manually actuated parking brake

Painting:

- Surface cleaned by shot blasting followed by painting which confirms ASTM B117. 2011 salt spray testing of 500 hours

Suspension:

- 12-ton capacity tridem axle leaf spring suspension with load equalizing brackets

Landing Leg:

- Two speed landing leg
- Make: York or equivalent



Car Carrier

Specifications



Upper Deck Platform:

- 2 platform construction, manual, hydraulic cylinder operated for flexibility in multiple car loading
- Platform made from tubular rectangular pipes reinforced with cross members of ISMC 75x40
- Additionally, box and anti-skid perforated sheet is also provided
- Approach angle of tilting upper deck is less than 11 degrees

Chassis:

- MIG welded construction comprising 2 longitudinal beams of ISMB 250 suitable fletched
- Cross bearers are ISMC 125x65 / 100x50 & 75x40 closely pitched and reinforced with longitudinal angles ISA 40 x 40 x 5 & 50 x 50 x 5 for higher cubic volume

Lower Platform:

- Made with 2.5mm thick perforated sheet and 2.5mm thick chequered plate in the centre and side of the track

Rear Door Cum Loading Ramp:

- Loading / unloading operated with twin hydraulic cylinders
- Tubular construction with 1.6 mm thick M.S. plain sheet (outer side) and 2.5mm M.S. sheet (inner side wheel track)
- Anti-skid rod to avoid slipping of tyres
- Approach angle of loading ramp is less than 9 degrees

Axle:

- 13-ton capacity tandem solid axles with highly precision engineered spindle ends to receive taper roller bearings, hub and break drum
- Hubs have 10 bolts at PCD 335 mm for drum/rim fixation

Coil Carrier with Side Wall and Collapsible Canopy Trailer

Specifications

Chassis:

- All steel welded construction
- 2 parallel flange beams of ST 52 or equivalent grade steel running along full length of the trailer
- Cross members - rolled or folded positioned at suitable locations
- Material: IS-2062/ST-52
- 3.15 MS chequered sheet platform
- 6m coil well provided
- Fixed front and sidewall and rear drop down door provided
- Collapsible canopy arrangement
- Tubular structure with rollers for ease of sliding provided above sidewall
- Structure covered by tarpaulin for weather resistance
- Rear tarpaulin provided with roll up arrangement.

King Pin:

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

Axle:

- 3 axles (13-ton) provided
- Make: York or equivalent

Brakes:

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles
- Limiting and quick release valve provided for braking efficiency
- Manually actuated parking brake

Painting:

- Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

Suspension:

- 15-ton capacity tridem axle leaf spring suspension with load equalizing brackets

Landing Leg:

- Two speed landing leg
- Make: York or equivalent



PAINTE FINCE surface shall be cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours.

Heavy Duty Side Wall Trailer

Specifications

Chassis:

- All steel welded construction
- 2 parallel flange beams of ST 52 or equivalent grade steel running along full length of the trailer
- Cross members - rolled or folded positioned at suitable locations
- Material: IS-2062/ST-52
- Fixed front board with tarpaulin box
- Fixed heavy duty sidewall made of plain sheet with stiffened rear drop door

King Pin:

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

Axle:

- 3 axles (13-ton) provided
- Make: York or equivalent

Brakes:

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles
- Manually actuated parking brake

Painting:

- Surface cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

Suspension:

- 15-ton capacity tridem axle leaf spring suspension with load equalizing brackets.

Landing Leg:

- Two speed landing leg
- Make: York or equivalent



Truck Chassis Carrier Trailer

Specifications

Chassis:

- All steel welded construction
- 2 parallel flange beams of ST 52 or equivalent grade steel running along full length of the trailer
- Cross members - rolled or folded positioned at suitable locations
- Material: IS-2062/ST-52
- 4 mm thick perforated sheet made of IS1079 DD material provided

King Pin:

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

Axle:

- 3 axles (13-ton) provided
- Make: York or equivalent

Brakes:

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- Manually actuated parking brake
- T24 brake chamber provided in all axles
- QRV or LQRV provided for enhanced braking efficiency

Painting:

- Surface cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

Suspension:

- 12-ton capacity tridem axle leaf spring suspension with load equalizing brackets

Landing Leg:

- Two speed landing leg
- Make: York or equivalent



Running Gear

Specifications

Chassis:

- All steel welded construction
- 2 parallel flange beams of ST 52 or equivalent grade steel running along full length of the trailer
- Cross members - rolled or folded positioned at suitable locations
- Material: IS-2062/ST-52

King Pin:

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

Axle:

- 3 axles (13-ton) provided
- Make: York or equivalent

Brakes:

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes actuated from the prime mover
- T24 brake chamber provided on all axles
- Manually actuated parking brake

Painting:

- Surface cleaned by shot blasting followed by painting which confirms ASTM B117, 2011 salt spray testing of 500 hours

Suspension:

- 2-ton capacity tridem axle leaf spring suspension with load equalizing brackets

Landing Leg:

- Telescopic landing leg
- Make: York or equivalent



Bomb Cart Trailer

Specifications

Chassis:

- All steel welded construction
- 2 parallel flange beams of ST 52 or equivalent grade steel running along full length of the trailer
- Cross members - rolled or folded positioned at suitable locations
- Material: IS-2062/ST-52
- 6 shock absorber springs provided for 20 ft and 40 ft container

King Pin:

- 2" king pin equivalent to IS: 6763 Part I provided
- Make: York or equivalent

Axle:

- 2 axles (13-ton) provided
- Make: York or equivalent

Brakes:

- Twin line air brake system coupled to prime mover brake system
- Trailer brakes are actuated from the prime mover
- T24 brake chamber provided on all axles
- Manually actuated parking brake

Painting:

- Surface cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours

Suspension:

- 15-ton capacity tandem axle leaf spring suspension with load equalizing brackets

Landing Leg:

- Telescopic landing leg
- Make: York or equivalent



Secure your load

AT TATA DLT, QUALITY ISN'T A CHOICE, IT IS A STANDARD.

- Electronics & lighting: All Tata DLT Trailers have side marker with latest LED lamps. Rear indication lamps have reverse, stop, left/right indication lamps.
- Under ride guard: The reinforced side /rear under run guards are provided as per CMVR rules to cease two-wheeler and animal intrusion inside the trailer.
- Corrosion protection: Surface is cleaned by shot blasting followed by painting which confirms ASTM B117.2011 salt spray testing of 500 hours.
- Durability: We have developed special components for increased durability. This includes use of rolled beams instead of crossed beams to ensure longevity and durability of the trailer. New WABCO braking kit inclusive of LQRV and relay emergency valve are used in the trailers to increase the tyre life.



LANDING LEG



I BEAM



KING PIN



T24 BRAKE CHAMBER

An ISO 9001:2008 certified company



Comprehensive testing

All Tata DLT trailers are designed for superior performance and go through a series of tests to ensure quality control.

- **Braking Test:** After coupling with the prime mover, trailers go through brake testing to ensure proper air pressure is maintained in the tanks.
- **Electrical Test:** Side marker lamps, reverse light, rear stop indication light and right/left indication lights are checked before the trailers are rolled out.
- **Painting Test:** The quality of the paint job is checked using the latest technology - the DFT (Dry Film Thickness) monitor.
- **Dimensional Thickness Test:** Overall length and width of the trailer is ensured as per the approved GA Drawings.
- **Load Test:** Load testing is done to ensure the trailer load capacity is as per the specifications required by the customer.
- **Aggregates Testing:** Axles, suspension, landing legs are checked to confirm if they have been fixed / mounted / welded as per the instructions of the manufacturer.

The non conformances on implementations at different stages (inputs, in process and / or out sourced) are closely monitored and suitable remedial systems are deployed, pre-delivery inspections including performance test where necessary assessment is carried out for functional adherence.



Our service network



ON TIME SERVICE

- Service availability throughout India
- One year warranty

TATA International DLT Pvt. Ltd.

Manufacturing facilities

Khed, Pune

Gat No: 281 & 284,
Santosh Nagar, (Bham),
Khed,
Pune - 410501

Chakan, Pune

S. No. 961,
Nighoje Chakan,
Taluka Khed,
Pune - 410501





Jamshedpur

Plot No. 929/931/935,
Khata No. 157,
Bargidih Industrial Area,
Jamshedpur - 831013

Ajmer

Plot No. E - 1,
RIICO Industrial Area,
NH 79A,
Ajmer - 305025

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