



TATA INTERNATIONAL DLT PVT. LTD.

“Built to Perform”

Tested & Certified by

ARAI
Progress through Research

Automotive Research Association of India (ARAI)

CAR CARRIER

TATA DLT TRAILERS का साथ,
कम देखभाल और ज्यादा लाभ



OUR USP & TECHNICAL SPECIFICATIONS

- ▶ Increased the slope of the gooseneck to better compatible in prime mover (That will avoid any modification on prime mover chassis, the same is compatible for new Tata Signa Model)
- ▶ Rear door length is 3.75m, the higher length gives lesser slope with lesser ground clearance which help loading & unloading easy of all OEM vehicle
- ▶ Rear pillar design of box type construction (That will give higher strength to the structure of car Carrier)
- ▶ FUD (Front upper deck): - Resting channel all are box type (That will give higher strength to the Upper deck)
- ▶ MUD (Middle Upper deck) :- We provide MUD all with box type & total 8 Numbers for higher strength (MUD cross member 72x72-sq. tube & MUD tube is 172x92 to rectangular longitudinal thickness 4.8mm)
- ▶ Main Beam Joint plates for more rigidity & strength
- ▶ Inner enforcement support in all joints of pillar to chassis that will strengthen the chassis & body
- ▶ Well in contact with side panel sheets for better body strength
- ▶ Display board mounting tube thickness is 25x25mm. (Avoid vibration) & Locking Tube = 40x40 bar
- ▶ 5mm thickness foam all inside the car-carrier
- ▶ Battery adaptor Pin and socket type cable & Earthing cable for safety
- ▶ Paint quality, which carry & pass through 500 hrs. salt spray testing
- ▶ Car carrier No sun light is appeared used anabond sealant for roof through-out
- ▶ Chassis Structure, MUD, FUD, Rear door passed through shot basting & painting process.
- ▶ Wheel stopper provided with powder coated process for better life and avoid wear and tear.
- ▶ Perforated sheet thickness is 3mm
- ▶ Chq sheet 2.6mm rolled sheet better life of tyre gripping
- ▶ Flexible cover pipe through-out wiring length
- ▶ Grommet for wire passing through wall
- ▶ Seamless pipe with proper bending for hydraulics
- ▶ M/s Dantal cylinders & Power pack
- ▶ Loading Angle <= 8 degree
- ▶ Reflective tape – 3M
- ▶ Braking System – Wabco
- ▶ Axle – York axle with casted torque arm
- ▶ 4 No. of Sliding Windows

18.75M 2AXLE CAR CARRYING SEMI TRAILER

| | |
|--------------------------|--|
| Trailer weight (Unladen) | 10.87 T (APPROX) |
| Chassis | All steel welded construction. 2 Nos Main longitudinal members are high strength lighter weight Parallel flange Beam of IS2062 (or) Equivalent grade steel running along full length of the trailer. Cross members - Rolled or Folded of material IS-2062/ST-52 are positioned at suitable locations. Perforated sheet shall be provided for Car locking. Hydraulic rear loading ramp, Hydraulic operated goose neck and top deck shall be provided. |
| Landing leg | Telescopic landing leg provided at the front end. |
| Axles | 2 nos Heavy Duty Axle shall be provided |
| Suspension | Heavy Duty Tandem Axle, multi leaf spring suspension with load equalizing brackets |
| Kingpin | 2" king pin equivalent to IS : 6763 Part I provided |
| Tyre Wheel rim | 10.00 x 20 – 16 PR – 4 Nos.(single tyre fitment) 7.50 x 20 – 4 Nos. |
| Brakes | Twin line air brake system coupled to tractor brake system. Trailer brakes are actuated from tractor. T24 brake chamber provided on all axles. |
| Electrical | 24 V DC electrical include tail lamp, brake lamp and direction indicator lamps fitted at rear end of trailer. Side Marker lamps provided on both sides. |
| Surface preparation | Trailer surface Shot blasted and cleaned. |

CMVR Notifications:

- ▶ Overall length: 18.75m.
- ▶ Height: 4.75m(+50mm).
- ▶ Overall Width of Car- Carrier is 2.6m(+10mm).
- ▶ Side marker lamp
(Optional LED- 6 No each side).

MANUFACTURING PROCESS



► Beam cutting on plasma CNC



► Chassis Separation



► Plates cutting Messer CNC



► Shot Blasting



► Surface cleaned by Grit shot blasting



► Primer and Painting booth



► Primer and Painting booth



► Painting



► Finish Products



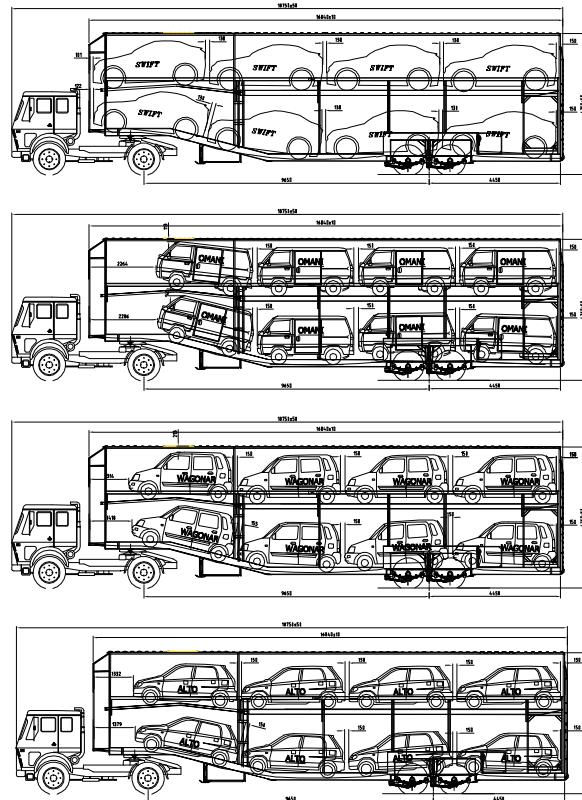
ISO 9001: 2008



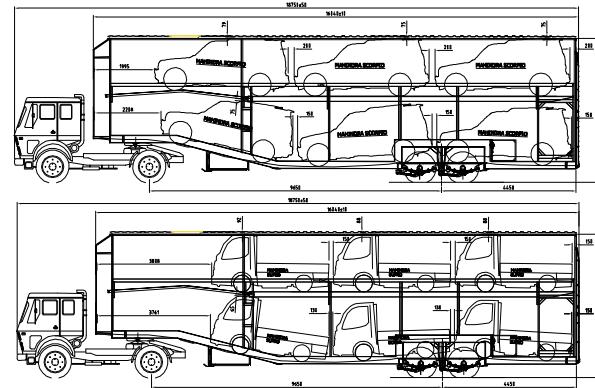
ISO/TS 16949:2009

VEHICLE LOADING LAYOUTS

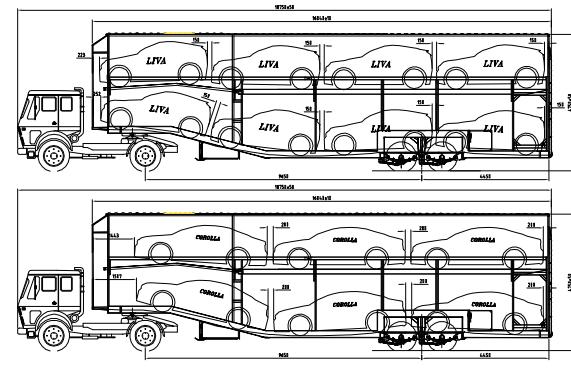
MARUTI LOADING LAYOUTS



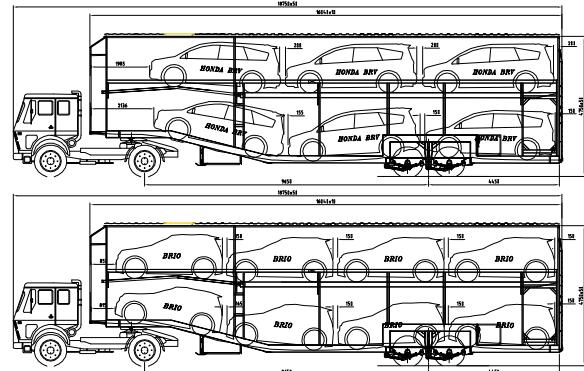
MAHINDRA



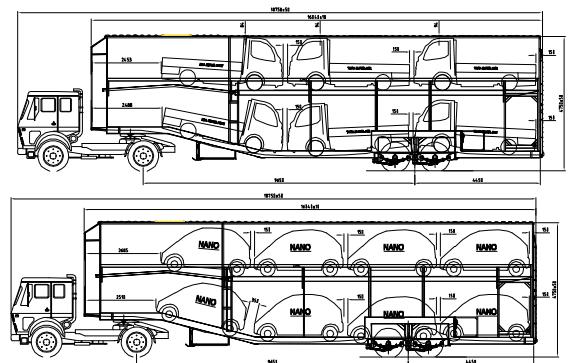
TOYOTA



HONDA



TATA



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MANUFACTURING PLANTS

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

II) Jamshedpur Plant :
 Plot No. 929/931/935,
 Khata no. 157, Bargidih, Industrial
 Area, Jamshedpur (JH)- 831013

III) Rajasthani Plant :
 Plot No E-1 RIICO Industrial Area
 NH 79A Ajmer Rajasthan-305025

IV) Pune Plant :
 S.No 961, Nighoje Chakan,
 Taluka, Khed, Pune – 410501.