

1.



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



TATA INTERNATIONAL DLT PVT. LTD.

- ▶ 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 blasting & 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



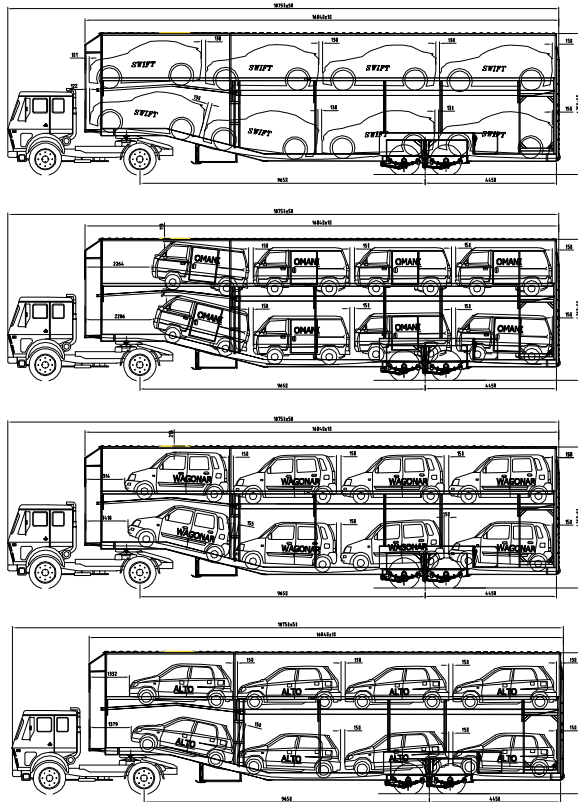
ISO 9001:2008



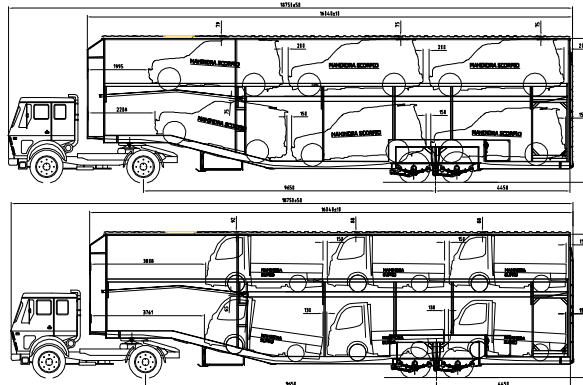
ISO/TS 16949:2009

VEHICLE LOADING LAYOUTS

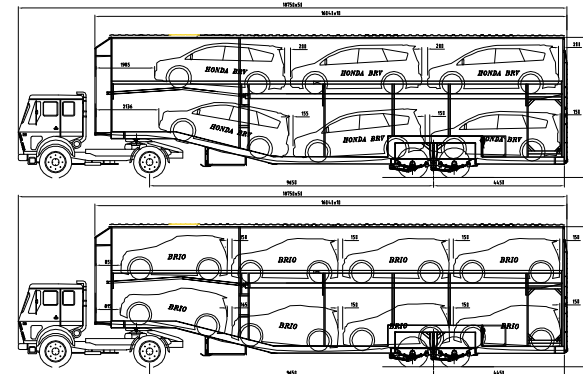
MARUTI LOADING LAYOUTS



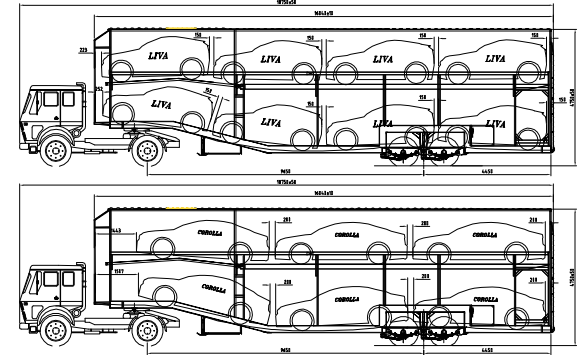
MAHINDRA



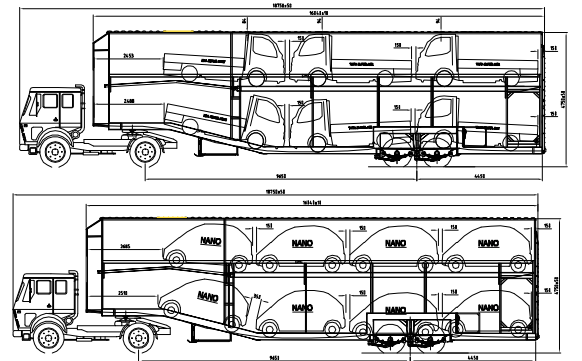
HONDA



TOYOTA



TATA



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MARUTI Approved Manufacturer

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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) Rajasthan 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.