



Premier Road Carriers Ltd.
ISO-9001:2008

Road Cargo Transportation in India

An Introduction



Key Facts & Figures

- As per the NHDP 65% of Freight and 40% of passenger traffic is carried by roads.
- National Highways account for 2% of the entire network of roads but carries 40% of the annual traffic.
- Currently approx. 15km of Road network is being laid everyday.
- An average vehicle covers 300km in a day.
- Transport Sector accounts for 6.4% of GDP. Size of Road Freight is estimated at \$10 Billion.
- [Click Here](#) for National Highway Map.
- 90% of vehicles are singly owned and contractors use sub-contracted vehicles for their clients.

| Type of Road | Length |
|-----------------------|--------------|
| Expressways | 650 km |
| National Highways | 66,754 km |
| State Highways | 154,522 km |
| Major District Roads | 863,241 km |
| Rural and Other Roads | 2,450,559 km |
| Project & Urban Roads | 574,516 km |
| Total Length | 5,109,592 km |



Challenges faced:

Current Scenario

Challenges

Upcoming Solutions

Tracking

- Current: Through Mobile Phones.
- Client Needs: Online and Real Time.

- Current: Bad Network Coverage
- Scattered ownership hinders GPS implementation.

- Improving Network Capabilities.
- GPS available for few high value items.
- MIS Reports.

Speed

- Current: Long & irregular Lead times.
- Client Need: Just In Time Delivery.

- Inadequate Infrastructure.
- Traffic at Check-posts.
- Distance not certified by reputable agency.

- Increase in speed of laying Roads by Government.
- Implementation of GST.
- Distance measured by first trip.

Other Challenges

Availability of Vehicles

- Usually an excuse when vehicle is not available at low cost. Specially during peak times such as Quarter End, Year End etc.
- Freight Ex. Western Belt is higher than TO Western Belt due to empty return.

High Toll Charges

Toll Charges have risen rapidly over the last 2-3 years. Eg. Mumbai Delhi is approx. Rs.13,000/- per Taurus. (Up-Dn)

Types of Vehicles



| Types of Vehicles (As per RTO) | | | |
|--------------------------------|---------------|-----------------|-----------------------|
| Type | Capacity (MT) | Dimensions (FT) | Distance per Day (Km) |
| Light Commercial Vehicle (LCV) | 3.50 | 14x6x6 | 300 |
| LPT | 5.50 | 17x6x6 | 300 |
| Full Truck Load (FTL) | 9.00 | 18x7x7 | 300 |
| Taurus | 16.00 | 22x7x7 | 300 |
| 20 ft Open Truck | 9.00 | 20x8x8 | 300 |
| 20 ft Trailer | 20.00 | 20x8x8 | 200 |
| 40 ft trailer (double Axle) | 22.00 | 40x8x8 | 200 |
| 40 ft Trailer (Triple Axle) | 27.00 | 40x8x8 | 200 |
| Semi Low Bed Trailer | 22.00 | 40x8x10 | 200 |
| Low Bed Trailor | 22.00 | 40x10x12 | 100 |
| Multi Axle Trailer (Hydraulic) | per Axle 7 MT | Depends | 100 |

Average Drive Time: 10 Hrs

Over Dimensional Shipments



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- Increase in dimensions of freight over the RTO limit leads to excess charges. Receipt is issued for the same by Govt. officials. Few states issuing receipts are MH, GJ, MP and a few southern states.
- Approximate Freight Charges for Extra Size is 5% per foot (Above RTO permitted).
- LBT (Mechanical Trailer) can carry height max. upto 15 ft except in 3 states i.e. CG, AP & Orissa and the freight rates for this type of vehicle depends on weight and the size of vehicle.
- In AP, special permission needs to be taken from RTO, Hyderabad for overweight consignments.
- Normally for such type of ODC shipments, sometimes, route survey is required to ensure smooth passage.



Form Requirements

| States | Sales Tax Forms |
|------------------|------------------|
| J&K | Toll Tax |
| Punjab | Entry Tax |
| Himachal Pradesh | Entry Tax |
| Haryana | Form No.38 |
| Rajasthan | Form No.18 |
| U.P. | Form No.31 |
| Delhi | NA |
| West Bengal | Way Bill |
| Assam | Sales Tax Permit |
| Bihar | Sales Tax Permit |
| Orissa | Way Bill |
| Chattisgarh | NA |

| States | Sales Tax Forms |
|----------------|-----------------|
| Gujarat | Form No.403 |
| Madhya Pradesh | Permit |
| Jharkand | Permit |
| Karnataka | E-Sugam |
| Kerala | E-Sugam |
| Tamil Nadu | NA |
| Goa | NA |
| Pondicherry | NA |
| Andhra Pradesh | NA |

Basic Costs Involved

- Driver Salary.
- Diesel & Oil expenses.
- Tyres, Maintenance & Spare Expenses.
- Insurance Expenses.
- Cleaning, Parking Expenses.
- Toll Taxes.
- State Driving Permits.
- Detention Expenses.
- Labour Expenses.
- Weighment Charges.
- Miscellaneous: Tarpaulin, Pallets, Rope, etc.





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