

Transolve can help you take some of the unknown and turn it into effective and pliable predictions for your application. It simplifies the process of selecting the right vehicle for an application, and calculating the costs of running that vehicle.

Transolve 2007

Modules

Loading

Graphically enables the user to configure a vehicle or combination including accessories and bodies, to calculate the maximum legal payload or the effect of individual point loads.

Routing

Contains a street-level map of South Africa. Routing can be 'start point - end point' or any number of waypoints in between. It is therefore suitable to plan a trip, for example, for a known number of customers. Waypoints can be switched in sequence to optimised a route in terms of speed, distance or cost.

Performance (Simulation)

Dynamically simulates a specific vehicle or combination to calculate trip times, fuel consumption and productivity. Results of these simulations have consistently been within 5% of actual performance. Factors that get taken into account include: drive-line performance, frontal area, coefficient of drag, total mass route topography and more.

Finance Options

Compares the ramification of Outright Purchase, Financial Lease or Structured Financing as your most effective acquisition option.

Maintenance Rates

Predicts R/month or R/Km maintenance costs by specifying servicing intervals and costs, component life and overhaul cost.

Costing

Converts known or simulated operational data into accurate fixed and variable cost prediction, R/Km, R/ton, R/annum, R/trip, R/hour, etc. Parameters such as Depreciation, Wages, Fuel, Tyres, etc. can be verified or adjusted to ensure valid, real-time cost inputs.

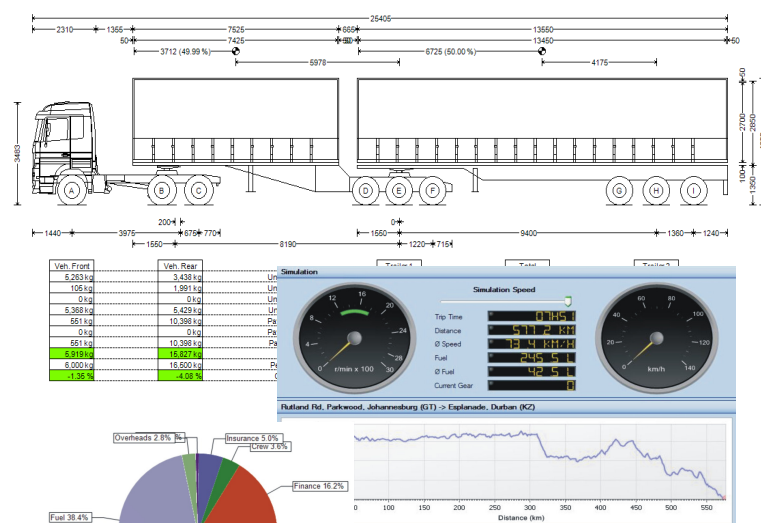
Extras

Vehicle Specifications

Side-by-Side comparison of all current and discontinued vehicles on the South African Market.

Reference

The reference section complements the other modules by including important information related to the transport industry such as: toll fees, licence fees, body masses, distance tables, vehicle performance formulae, and summary of traffic act.



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