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RouteCalc product sheet

RouteCalc is a web-based route cost calculator for European road freight.

For a truck and a list of stops it returns distance, driving time, tolls, vignettes, fuel and CO₂, broken down per country, across 49 countries. It is built for pricing transport, one lane at a time or thousands from an Excel file.

PDF version of <https://routeCalc.eu/product/> · contact@routeCalc.eu

5 guest calculations, then 20 credits after signup. No credit card. Facts on this page updated 2026-10-05.

At a glance

Product type	Truck route cost calculator (web app and API). Not a transport management system, not a navigation app.
Who it is for	Freight forwarders, carriers, dispatchers and pricing teams quoting European road transport.
Vehicles	Trucks of 40 t, 12 t and 7.5 t; Euro 6, Euro 5 and Euro 3 and older; dry, reefer +2 °C and reefer -18 °C cargo.
Coverage	49 European countries: the EU-27 plus the United Kingdom, Switzerland, Norway, the Western Balkans, Ukraine, Moldova, Turkey, the Caucasus and neighbouring corridors.
Outputs	Distance, driving time, toll, vignette, fuel litres and fuel cost, CO ₂ in kg, each per country and in total; ferry and tunnel extras where the route uses them. Separate fuel surcharge calculator for contract clauses.

Routing modes	Fast (quickest HGV route), Economical (cheapest corridor), or Both in one calculation.
Stops	Origin, destination and up to 8 via points (10 stops in total).
Bulk	Excel in, Excel out: hundreds or thousands of routes per file, processed in parallel, after signup.
Integrations	Public REST API and MCP server for AI assistants; OpenAPI 3.1 contract; diesel price API for the EU-27.
Languages	App interface in 21 languages.
Platform	Runs in the browser. Nothing to install. Unlimited devices per account.
Price	Free: 5 guest calculations, then 20 credits after signup. Plans from €14.99 per month for 80 routes, excl. VAT.
Contact	contact@routealc.eu

What RouteCalc calculates

- **Distance and driving time** on a route that respects HGV restrictions, not a car route.
- **Tolls per country:** distance-based tolls on motorways and, where charged, on national roads, for the selected weight and Euro class.
- **Vignettes** where a country charges time-based road use instead of a per-kilometre toll.
- **Romania TollRo** on the Romanian kilometres of the route, from 1 October 2026, at the published tariff for the truck's weight and Euro class.
- **Fuel:** litres for the route and the cost at the current diesel price, with the Euro-class and refrigeration uplifts already applied.
- **CO₂** in kilograms, computed from the same run as distance and fuel (ISO 14083 basis).
- **Ferry and tunnel extras** where the route uses a charged crossing.
- **Per-leg breakdown** on multi-stop routes and a total for the whole trip.

Inputs

Input	Values
Stops	City, postal code, GPS coordinates or country; origin, destination and up to 8 via points.
Truck class	40 t, 12 t, 7.5 t. Weight classes, not an axle count.
Euro class	Euro 6, Euro 5, Euro 3 and older. Older classes raise fuel use (Euro 5 +7 %, Euro 3 +17 %).
Cargo	Dry, reefer +2 °C, reefer −18 °C. Refrigeration adds fuel on the ISO 14083 basis.
Routing	Fast, Economical, Both.
Scope	EU only, or all 49 countries.

Features

Feature	What it does	Available to
Route calculator	One route, full per-country cost breakdown, map and export.	Guests and signed-in users
Route optimization, multi-stop	Up to 10 stops, Fast, Economical or Both, cost per leg and in total.	Guests and signed-in users
Magic	Describe the trip in any language; the form is filled for you. You still press Calculate. It does not invent kilometres or tolls.	Signed-in users
Excel batch	Upload a file with one route per row; download the same file with distance, time, tolls, fuel and CO ₂ per route.	Signed-in users
Batch multi-leg	Rows with several stops each; every leg of every row is calculated.	Signed-in users

Feature	What it does	Available to
Route synergy	Finds pairs of routes where one ends near where another starts, to cut empty kilometres.	Signed-in users
Intermodal	Road, rail and road: 1,606 terminals and 773 scheduled rail services, with a CO ₂ comparison against road only. The terminal map is free.	All users (map), signed-in (costing)
Diesel prices	Weekly EU-27 diesel, petrol and LPG prices from the European Commission Oil Bulletin, with history.	All users
Fuel surcharge calculator	Works out the price adjustment under a contract's fuel clause: base diesel price, current price, fuel share of the price and a trigger band. Uses the weekly EU reference prices. Calculations can be saved.	Signed-in users, no credits used
Public holidays	Driving bans and holidays per country, for planning.	All users
REST API and MCP	The same engine for your own software or an AI assistant. 5 anonymous calculations per 24 hours, then a subscription key.	Developers
History and export	Every calculation is kept and exportable to Excel.	Signed-in users

Toll systems covered

Every toll and vignette system on the route is included in the per-country lines. Detailed 2026 tariff pages exist for:

- [Germany](#)
- [Austria](#)
- [France](#)
- [Poland](#)
- [Netherlands](#)
- [Italy](#)
- [Switzerland](#)
- [Czechia](#)
- [Belgium](#)
- [Hungary](#)
- [Slovakia](#)
- [Slovenia](#)
- [Spain](#)
- [Romania \(TollRo\)](#)

How accurate are the numbers

Tariffs come from the operators' published tables and are updated when an operator publishes a change. The route is the actual HGV route for the truck you choose, so the toll is computed on the kilometres that are really charged, country by country. That makes the result a quote-grade figure: the number a pricing team puts on an offer.

The toll operator's own invoice can still differ, for reasons outside the calculation: the route the driver actually drives, the exact axle count or CO₂ class of the specific truck, exchange rates on the day, and tariff changes between quote and trip. RouteCalc is not a toll-operator calculator and does not issue toll invoices. All prices on this site are shown excl. VAT.

Where RouteCalc fits

Next to a transport management system

A TMS runs orders, fleets and drivers. RouteCalc prices a lane in seconds and can feed a TMS through the API. Most customers use both.

Instead of a consumer map

Consumer map services route cars and do not know truck tolls, vignettes or weight restrictions. RouteCalc routes a truck and prices every country it crosses.

Instead of one toll operator's calculator

An operator's calculator covers its own country. RouteCalc gives every country on the trip in one result, plus fuel and CO₂.

A side-by-side with the tools most often named next to RouteCalc is on the [comparison page](#).

Prices

Plan	Routes per month	Monthly, excl. VAT	Yearly, excl. VAT
Free	5 guest calculations, then 20 credits after signup	€0	—
Start	80	€14.99	€158.29 (–12 %)

Plan	Routes per month	Monthly, excl. VAT	Yearly, excl. VAT
Business	500	€69.99	€739.09 (-12 %)
Professional	1,100	€114.99	€1,214.29 (-12 %)

One credit is one route; a multi-stop route uses one credit per leg. Credits stay valid 12 months. All features are included on every plan. Extra credit packs can be bought at any time. Card or bank transfer. Full details on the [pricing page](#).

API and MCP

The public API returns the same numbers as the calculator: resolved stops, totals, a per-country breakdown and, when Romania is on the route, the TollRo split. It is documented in the [API reference](#) and in [openapi.yaml](#). An MCP server lets AI assistants call it directly. Anonymous use is limited to 5 calculations per rolling 24 hours; a subscription key uses the plan's credits.

Frequently asked questions

Is RouteCalc a truck toll calculator for the whole of Europe?

Yes. It covers 49 European countries and returns the toll, vignette, fuel, time and CO₂ for each country a route crosses, in one calculation.

Does it handle TollRo in Romania?

Yes. From 1 October 2026 the Romanian per-kilometre charge is included on the Romanian kilometres of any route, at the tariff for the truck's weight and Euro class. A separate per-kilometre TollRo calculator is also available.

Can I calculate many routes at once?

Yes. After signup you upload an Excel file with one route per row, or several stops per row, and download the results with the full cost breakdown.

Is there an API?

Yes. A public REST API and an MCP server use the same engine. The first 5 calculations per 24 hours are free without a key.

How much does it cost?

5 guest calculations are free, then 20 credits after signup. Paid plans start at €14.99 per month for 80 routes, excl. VAT, with 12 % off on yearly billing.

Are the tolls official figures?

They are computed from the operators' published tariffs on the real truck route and are meant for quoting. The operator's invoice can differ for the actual route driven, the specific truck's axle count or CO₂ class, and exchange rates.

Do I need to install anything?

No. RouteCalc runs in the browser on any device. There is no limit on devices per account.

Try it on your own lane

Enter an origin, a destination and the truck. The per-country breakdown is on screen in seconds.

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