

Truck Tuning Information

For Truck Tuning Boxes Prices & Brands & Models,
look in our website at page configuration and open the
next pdf:

Trucks Tuning-Boxes Prices & Brands & Models (pdf, 121 kb)

This is possible as well!

Consumption reduction on truck
engines through a special control unit.

***Saving
8
litres!***



Up to 10 % less consumption!

Savings for each kilometre your truck is covering:

For example Volvo FH 16

511 kW in stead of 426 kW
3.400 nm in stead of 2.800 nm
about 10 % less consumption

Optimizing consumption with an added control unit without the rise of injection pressure and without the active rise of the turbo pressure.

Power data are:
ca. about 20 % more power
about 20 % more torque
about 10 % less consumption

The special control unit is also available with a reversible emote control.

Why?:

Because then it is possible to switch off the unit in case of a diagnostic test. It might also be desirable to reduce the power, for instance in case of slipperiness.



The Smit Tuning Truck Tuning Box

One of the largest expenses for trucks, which should not be underestimated, is fuel consumption.

In case of a distance of about 200.000 km a truck yearly it is quite an object if a truck consumes 2 litres more or less every 100 km.

By optimizing our system, the motor torque increases at the same number of revolutions.

By switching power earlier and less frequently, our solution offers the possibility to achieve a saving up to 10 %.

To give an example:

For instance the total consumption of a truck (in case of a covered distance of 200.000 km)

Standard consumption about 70.000 litres

With the Smit Tuning – Tuning Box about 66.000 litres

You save

4.000 litres fuel = € 4880,00

(In this model is started from a fuel price of € 1,22 per litre diesel)

Considering the number of trucks in a company fleet you can imagine the total savings possible.

For 10 trucks the saving amounts up to 40.000 litres of diesel, which means € 48.800,-

Truck V6 – Motor

(Diesel price € 1,22 per litre)

Motor	Power	Consumption
V6 Standard	408 HP	35 l / 100 km
V6 + ST TB-unit	504 HP	33 l / 100 km

Savings:

10.000 km	200 l	€ 244,-
200.000 km	4.000 l	€ 4.880,-

For a fleet of 10 trucks, with a covered distance of 200.000 km each, this results in the following savings:

Savings:	Fuel:	€ 48.800,-
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You also save on initial costs for heavier motor versions, because a truck, fitted with the Smit Tuning - Tuning Box, will also perform with a smaller motor.

For instance, the V6 or V8 series optimized with the Smit Tuning - Tuning Box:

You have a choice to buy a truck with a V6 or a V8 motor.

Below you can see a cost comparison between the V6 and the V8 engines. With the **Tuning Box** of **Smit Tuning** you now have the choice to buy either a V6 or a V8 engine.

V6 of V8

(Diesel price € 1,22 per litre)

Motor	Power	Consumption	Initial costs Truck
V8 Series	500 HP	40 l / 100 km	€ 82.000,-
V6 + ST TB-unit	504 HP	33 l / 100 km	€ 75.000,-
Saving on initial costs:			€ 7.000,-

Savings: Consumption profit V6 with ST TB Unit

10.000 km	700 l	=	€ 854,-
200.000 km	14.000 l	=	€ 17.080,-

This means for a fleet of 10 trucks:

	Fuel	€ 170.800,-
	Initial costs	€ 70.000,-
Savings:	Total	€ 240.800,-

The units in the current market are - not the most effective - plug and play-units, because they basically work on common rail increasing pressure. They charge the whole system in a way leading to a breakdown of the high-pressure pump, leakages and broken atomizers. The increase of power however, did severely not meet the expectations.

Fortunately, after extensive research, we came up with an innovative solution!

The benefits of the Smit Tuning – Tuning Box System are:

- **The standard control system remains original**
- **Smit Tuning – Tuning Box System can be removed and on trade in the truck be replaced on the new vehicle**
- **It can be deactivated while looking for the cause of troubles**
- **It does not strike on an electronic diagnosis**

Stated below, you are able to read an actual customer experience:

Dear firm of Smit Tuning,

I am extremely surprised!

I drive a **Volvo FH 12 500** which is usually used for wood transport in the forest and it is mostly loaded with 50-60 tons in secondary mountains in Germany. Considering a 13 % increase the fuel consumption increases to 86 l/100 km. On an average distance of 200 km a day this is resulting in a consumption of about 172 litres Diesel a day. This high level of consumption was initially the reason of being interested in the optimisation of the house Smit Tuning – Tuning Box.

My decision was a good one.

The fuel consumption decreased with **8 litre**/100 km, which means about 10 %.

The promise of Smit Tuning regarding their Tuning Box did come out for 100 %.

**8
LITRE
SAVING**

The power increased enormously. Now the engine is changing up quicker on low revolutions, which is obviously due to the rise of torque. When fully loaded it pulls on considerably quicker and it feels not that heavy any longer.

I advise everybody who is leasing such a truck to contact the firm of Smit Tuning. Personally I tell all my fellow truckers to go with the technique of Smit Tuning with the Smit Tuning - Tuning Box system.

Greetings

S. L. from Lehestehn

Volvo FH 12 368 kW

Standard 368 kW / 500 HP / 2400 nm

With Smit Tuning - Tuning Box in 442 kW / 601 HP / 2900 nm
