

76 t 34,5 m Trucks in Finland

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Untill 30.10.2013

- ▶ Max weight 60 t
 - ▶ 7 axles
- ▶ Max length 25,25 m
- ▶ Max height 420 cm
- ▶ A little bit easier bridge rule then in Sweden



Since 1.10.2013

- ▶ Max weight 76 t
 - ▶ 9 axles
 - ▶ Tandem drive
 - ▶ Twin tyres in trailer
 - ▶ 380 kw (5kw/t → 517 hp)
- ▶ 68 t with 8 axles and twin tyres
- ▶ 64 t with 8 axles

- ▶ Max height 440 cm



Since 21.1.2019

- ▶ Max length 34,5 m
 - ▶ A-double, B-triple and AB-double (ETT)
- ▶ Longer semitrailers and full trailers
- ▶ New turning rule and strict safety rules for new long trucks



Trials with mega trucks

Trials should be very challenging

Test trucks should be extreme versions

- Long and heavy
- Hard road and weather
- High mileage



104 t timber truck operating from Ivalo to Rovaniemi, 300 km in Lapland



185 trolleys from Helsinki to Oulu 6x in week
360 000 km annually
90 t 34 m

Benefits

► Heavy goods

- 25% bigger loads (40t → 50t)
- 10% less emissions (60t vs. 76t)
- Lower road loads (twin tyre rule)
- Fewer drivers needed
- Less traffic → better safety



► Light goods

- 30% Bigger loads (25,25 → 34 m)
- 10-15% less emissions
- Lots of length options
 - Suitable truck to every use and full loads

Occypancy

- ▶ Right size to every use
- ▶ Semitrailer
13,6/14,8/16/17,5/19 m
- ▶ Truck 7,7/9,4/10 m
- ▶ Truck + full trailer 20-26 m
 - ▶ Or truck + dolly + semitrailer
- ▶ A-double 26-29 m
- ▶ B-double 20-26 m
- ▶ B-triple 29 m
- ▶ AB-double 29 m



Timber trucks in Finland

The whole Finnish timber truck fleet was updated in five years!

- ▶ 1200 timber trucks in daily use

- ▶ 2013

 - ▶ 100% 7-axle 60t

- ▶ 2019

 - ▶ 70% 9-axle 76t

 - ▶ 25% 8-axle 68t



Pic Vesala oy: 1847818 km with these four 76t tridem Scania
Typical fleet in Finland

Long haulage in Finland

- ▶ 100 million km, over 300 km transports annual
- ▶ light mixt goods and food
 - ▶ 2018
 - ▶ 450x 25,25m 60/64t truck
 - ▶ 2023
 - ▶ 200x 32-34m 76t A-double
 - ▶ 120x 28-31m 64-76t truck+fulltrailer/dolly+semitrailer
- ▶ 25% less driving, 15% less emission

In Finland distances are long and volumes are low. Flexible and efficient transports are very important.

Combining temperature controlled consumer product transports and heavy forest industry transports is newer standard solution



Thank you for your interest
Questions?

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