



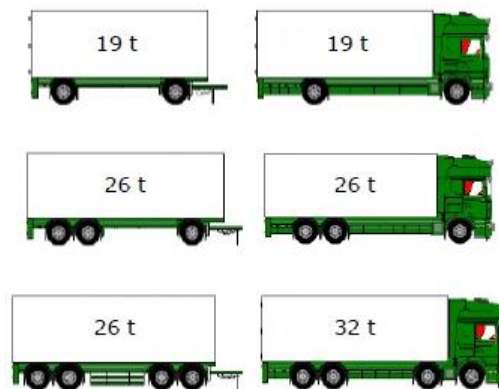
"Know the regulation in order to control it."

Weight of vehicles used in the transport of goods

Weights of vehicles and axles are defined by Articles R 312-1 to R 312-9 of the french traffic Rules. A vehicle or a set of vehicles which deviates from these provisions must be subject to special authorisation in exceptional transport (Article R 433-1 of the Highway Traffic Act) or round timber transportation (section R 433-9 of the Highway Traffic Act). Military vehicles and equipment are not subject to these provisions if they are incompatible with their technical characteristics of manufacture or use.

Weight of one vehicle.

The registration certificate for each vehicle shall indicate the unladen weight (UV) corresponding to the vehicle's weight in running order and the total permissible laden weight (TPLC) or maximum permissible laden weight the vehicle that corresponds to the UV plus the weight of the load and the occupants. The TPLC shall be fixed according to the technical specifications of the vehicle provided by the manufacturer. The actual weight of the vehicle must never exceed on the one hand the TPLC entered on the certificate of registration, on the other hand the regulatory TPLC which corresponds to the silhouette of the vehicle.



Maximum actual weight of the trailer.

The actual weight of the trailers may not exceed 30 % of the actual weight of the tractor vehicle. The percentage of a group of vehicles whose actual weight exceeds 32 tons shall be increased without exceeding 50 %.

actual total vehicle weights of a set of vehicles.	Percentage of the maximum actual weight of the trailer or trailers relative to the actual weight of the tractor vehicle.
≤ 32 tons	130 %
32.5 tons	131.25 %
33.0 tons	132.50 %

actual total vehicle weights of a set of vehicles.	Percentage of the maximum actual weight of the trailer or trailers relative to the actual weight of the tractor vehicle.
33.5 tons	133.75 %
34.0 tons	135 %
34.5 tons	136.25 %
35.0 tons	137.50 %
35.5 tons	138.75 %
36.0 tons	140 %
36.5 tons	141.25 %
37.0 tons	142.50 %
37.5 tons	143.75 %
38.0 tons	145 %
38.5 tons	146.25 %
39.0 tons	147.50 %
39.5 tons	148.75 %
≥ 40 tons	150 %

This provision does not concern agricultural and public works equipment which benefit from specific derogations.

Weight of a set of vehicles

The registration certificate for each tractor vehicle, that is, designed to tow, tow or push a trailer or semi-trailer, also indicates the total allowable rolling weight (TARW) or maximum allowable weight of the unit. The TARW is fixed according to the technical specifications of the towing vehicle provided by the manufacturer. The actual total rolling weight of a set of vehicles must never exceed on the one hand the TARW entered on the certificate of registration of the towing vehicle, the sum of the TPLC of each vehicle. For a road tractor or a pre-train, the UV is taken into account.



Truck TARW
TPLC Semi Trailer + Truck UV



Truck TARW
TPLC Trailer + Truck TPLC

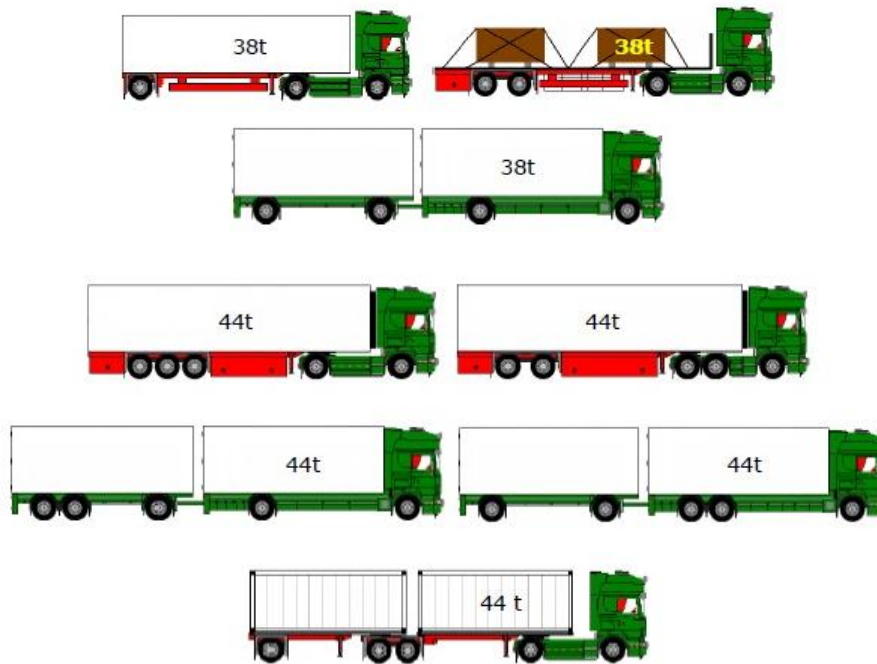


Truck TARW
TPLC Semi Trailer + UV Headstock + TPLC Semi Trailer + Truck UV



Truck TARW
TPLC Semi Trailer + TPLC Semi Trailer + Truck UV

The regulatory TARW that matches the silhouette of the vehicle assembly must also be adhered to. Traffic of a set of vehicles between 40 and 44 tons is subject to conditions. You can refer to the article on the generalization of the 44 tons of TARW. Arrangements of vehicles carrying round timber are subject to a deviation from the regulatory TARW. There is an article specifically on this subject.



Derogations related to vehicle equipment

Vehicles equipped with a retarder shall be exempted from the weight in running order corresponding to the weight of such equipment within the limit of **500 kg**. Vehicles with a gasification, compressed gas or electric accumulators shall also be exempted from the weight of the equipment within the limit of 1 ton. A road assembly with at least 6 axles shall have a maximum derogation of 1 ton. These derogations are mentioned on the vehicle registration certificate.

Load of an axle

The actual load of an axle must never exceed the manufacturer's maximum weight for that axle or the regulatory limit of 13 tons. This limit is lowered to 12 tons for all vehicle assemblies (articulated vehicle, road train, double train) operating between 40 and 44 tons. The French regulations do not distinguish the different types of axles. The limit is the same whether it is a director, engine, single or twin mount.

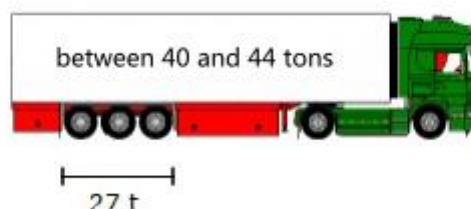
Charge with a group of axles

A group of axles is formed when the distance between two consecutive axles does not exceed 1,80 meters. The load of the loaded axle of a group of axles is limited according to this distance.

Distance between two consecutive axles	load of the most loaded axle of the axle group
≤ 0.90 meter	7.350 tons
0.95 meter	7.700 tons
1 meter	8.050 tons
1.05 meter	8.400 tons
1.10 meter	8.750 tons
1.15 meter	9.100 tons
1.20 meter	9.450 tons
1.25 meter	9.800 tons

Distance between two consecutive axles	load of the most loaded axle of the axle group
1.30 meter	10.150 tons
≥ 1.35 meter	10.500 tons

For vehicles travelling between 40 and 44 tons with a group of 3 axles, the total load of this group shall not exceed 27 tons instead of 31,500 tons with the most favourable gauge.



Unlike the insulated axles, the regulations make a distinction for the engine axle of a group of 2 axles. When the maximum axle load is met, the engine axle load can reach 11,500 tons.

Group of 2 axles of which at least one of the axles is motor.

Distance between both axles	maximum total axle group load
≤ 0.90 meter	13.150 tons
0.95 meter	13.800 tons
1 meter	16 tons
1.05 meter	16 tons
1.10 meter	16 tons
1.15 meter	16.400 tons
1.20 meter	17.050 tons
1.25 meter	17.700 tons
1.30 meter	18.350 tons
≥ 1.35 meter	19 tons

Control

The verbalisation is organized by weight overruns so that the penalty is proportional to the overload. The violation of the axle or axle group is punishable by a 4th-class ticket (EUR 90 lump sum fine) for each **300 kg** exceedance. The violation of the TPLC or TARW is punishable by the same fine for each **500 kg** exceedance tranche (vehicle set TPLC or TARW = 3.5 tons) or for each 1 ton exceedance their tranche (vehicle TPLC or TARW > 3.5 tons). Where the maximum actual weight of the trailer is not complied with, the infringement shall be punished with the same fine for each tranche exceeding 10% of the authorised percentage. In all cases, an authorised weight overrun of more than 5 % may result in the vehicle being stopped until compliance.