



OE Pedigree. Aftermarket Confidence

Market Comparison: TitanX vs. Competitors



Engineered for reliability, performance, lower total cost of ownership and workshop profitability.

Scania Radiator

Brand	Product Weight
TitanX	26.3KG
Competitor A	24.3KG
Competitor	22.9KG

MAN Radiator

Brand	Product Weight
TitanX	34.0KG
Competitor A	32.0KG
Competitor	29.0KG

What Higher Weight Really Means

- ✓ Thicker aluminum core
- ✓ Stronger tuber & fin construction
- ✓ Reinforced side plates
- ✓ Superior heat rejection
- ✓ More robust frame design
- ✓ Increased vibration resistance

What Lightweight Radiator Often Signals

- ✗ Thinner core material
- ✗ Lower fin density
- ✗ Weaker structural reinforcement
- ✗ Reduced vibration tolerance
- ✗ Shorter service life
- ✗ Lower heat performance and risk of engine derating

Removing material does not improve cooling. It lowers durability.

Heat rejection depends on:

- Surface area
- Airflow
- Material conductivity “Not on cutting structural mass.”



OE Pedigree. Aftermarket Confidence

Market Comparison: TitanX vs. Competitors



Engineered for reliability, performance, lower total cost of ownership and workshop profitability.

The Hidden Cost of “Lightweight” Aftermarket Radiators

For Fleet Operators

- Higher failure rates
- Premature leakage
- Vibration-induced core cracking
- Downtime and roadside repairs
- Driver delays
- Missed delivery penalties

For Distributors

- Warranty returns
- Erosion of customer trust
- Loss of long-term credibility

Engineering Principle

In heavy-duty cooling systems, **Material strength = Reliability**. The difference of 3 kg, 5 kg, or up to 11 kg is not minor, it directly reflects material removed and therefore reduced durability.

OE-Level Build Quality Delivers

- ✓ Longer service life
- ✓ Reduced downtime
- ✓ Lower total cost of ownership
- ✓ Higher operational reliability
- ✓ Peace of mind for fleet managers

In long-haul trucking, weight in a radiator is engineered durability. If a radiator is significantly lighter, it does not mean it's better it means something has been reduced. And in heavy duty applications, reduction usually means compromise.



OE Pedigree, Aftermarket Confidence.
Trust the real.TM



TitanX radiators are **true Original Equipment.**

Don't trust your cooling to knockoff copies, choose OE pedigree
for aftermarket confidence with **TitanX.**