



steel vs aluminium: choosing the **perfect** wheels

the definitive guide



weight

Up to **45% lighter** than their steel equivalent, alloys are the undisputed lightweight champions of the wheel world. This allows for a higher payload or extra chassis components.



affordability



As an excellent alternative to aluminium, steel wheels are **less expensive** than their counterparts, thanks to lower production and material costs.



The superior aesthetics and performance of aluminium wheels **come at a premium**, but their durability make them a worthwhile long-term investment.



looks

If it's style you're after,
alloy wheels are for you.

Shiny, customisable, and
corrosion-resistant, at TIA they
are available in three finishes:



ES3 (Eco-Shield)

ES3 offers protection against oxidation and corrosion with an easy-clean finish.



Polished

Gives a mirror polished look;
Excellent for those who want
their fleet to stand out.



Machined

A simple, non-polished look,
where weight is the primary
consideration.





maintenance

Keeping aluminium wheels shining takes lots of routine cleaning. This isn't to say that steel wheels won't need looking after as well, all wheels do. **You'll just be doing it a lot less.**

Luckily, Our ES3 wheels can make life a little easier with their non-spray coated, easy-clean finish. A quick wash with soapy water will have your alloys back to looking as good as new.



performance

When it comes to performance, it doesn't get better than alloy wheels. Engineered with CNC machinery, they deliver **higher precision wheel specifications**.

Aluminium is highly conductive and dissipates heat much better than steel, **enhancing both tyre and brake life**. Having less unsprung weight also means that **handling is improved**.



the verdict

Now that you're all caught up, it's time to choose.



If you're looking for:

- Affordability
- Resistance to cosmetic damage
- A broad range of specification options

STEEL WHEELS
are for you



If you're looking for:

- Better handling
- Weight reduction
- Longer tyre & brake life
- Great looks and customisation

ALLOY WHEELS
are for you

