



Steel vs. Aluminum: Which is Best for Your Project?

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Comparing Costs of Steel and Aluminum

The costs of both steel and aluminum constantly fluctuate due to global supply and demand, costs of fuel, and availability of iron and bauxite, but pound for pound, steel tends to be cheaper than aluminum.

Strength of Aluminum versus Steel

Steel is a very resilient material compared to aluminum, but that doesn't make it the ideal material for every application. Aluminum is much more malleable, making it a great option for parts with irregular shapes or designs. It's also more resistant to corrosion without any secondary treatments after spinning. Steel tends to require painting or treatment to protect it against the elements.

Weight of Steel versus Aluminum

Steel is harder and denser than aluminum, meaning the same amount of steel weighs more than an identical sample of aluminum. This helps it avoid denting or scratching much better than aluminum, which will warp and bend when faced with extreme weight or load.

To learn more about which material is best suited to your project, [contact Front Panel Express](#). Our dedicated team of machinists can recommend a material to fit your application and ensure your finished product lives up to your expectations. Give us a call today or [download Front Panel Designer](#) today for more information.

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