

Steel and aluminium profiles

Simple installations, patented self-adjusting joints, superior ergonomics and easy operation with the aluminium or steel profiles that makes up our lightweight crane systems.



TAWI steel and aluminium profiles

Aluminium profiles let you create a truly lightweight crane system. Steel profiles enable longer bridge spans and accomodate heavier loads. Combined systems are perfect when multiple girders will weigh down the same system, and enable the best overall cost-performace ratio.

Aluminium profiles when agility is prioritised

Aluminium is the most cost effective solution per square meter

Steel profiles enable longer bridge spans

Steel profiles accomodate heavier loads

Get in touch

When to use steel or aluminium profiles

Aluminium profiles offer easy manoeuvring with little resistance

Low self weight with aluminium profiles

Stainless steel profiles when sanitation is prioritised

A combination system can both smoothly manoeuvre goods and be sized for heavy loads

Combination systems can suit several workstations of different needs

Product Details

- Material: aluminium or Cold rolled steel
- Aluminium capacity: <125 kg
- Steel capacity: <1500 kg

Steel and aluminium profiles - different needs, different metals

Offering reliable crane systems made of aluminium, steel or both. Always customized to meet your every need.

For agile and truly lightweight crane systems – aluminium is primarily the material of choice. Engineered aluminium profiles ensure a high strength to weight ratio in order for the user to carry out the operations with ease. The resulting low self-weight of the lightweight crane system contributes to ergonomic manual handling for the operator. Aluminium comes in its raw, natural appearance and is also the most cost-effective alternative for material handling of loads of up to 125 kg.

For heavier loads, your system should be engineered from high strength, cold-rolled steel. Stainless steel is also appropriate when the operations have high sanitary requirements such as when handling chemicals, pharmaceuticals or food items. The steel profiles can handle up to 8 meters between the suspension points, a perfect solution if the roof structure, or floor area, has