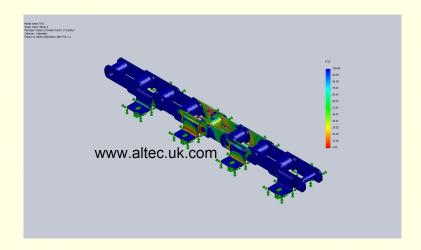


Carousel Chains



Call Free 0800 756 9669

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Altec carousel chains are designed to suit the exact requirements of the application.

We provide you with a full calculation package including FEA analysis.

- Von Misses Stress
- Contact Pressure
- Reaction forces
- Tooth Loadings
- Factor of Safety Plots
- Displacement Plots
- Hertz Contact Stress
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We supply chains with breaking loads in excess of 1.112 MN (250,000lb) using some of the latest heat treatment and coating processes to achieve chain lives in excess of 20 years.

All chain are designed and manufactured in the UK to the highest quality standards. Ensuring full tractability of all components, material, heat treatment and coating processes.



Sprockets

All our sprockets have fully machined CNC rack tooth profiles to ensure precise load sharing during tooth engagement and disengagement.

In addition our sprockets are designed to transfer the loads with radial misalignments of +/- 6mm and vertical misalignment up to 30mm. All sprockets are supplied with hardened tooth profiles painted or coated to your requirements



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