

Game Changing Solutions for Solar Frame Structures





Product Led, People Powered

Established in 1989, we are the original innovators and manufacturers of wire joining and tensioning devices, as well as anchoring, bracing and suspension systems that have changed the game for many industries.

With our innovative, engineered solutions, we’re helping customers in industries including solar, civil, utilities, and construction to overcome their toughest daily challenges, achieving their goals faster and easier.

We are no ordinary business. We do almost everything differently.

100% owned by our employees, we’re also committed to changing the game by making a positive impact in our communities around the world. We’re a force for good, as certified by B Corp.

Change the Game

1 - 100% employee owned
Our empowering employee ownership model means everyone has skin in the game. Success for our global customers means success for us. We are all shareholders, inspired to design, manufacture, and deliver better solutions.

2 - Game changing innovators
Our vision is to engineer game changing products and systems that make a difference for more global customers. To keep us on track, we hold ourselves accountable to deliver a fifth of all sales from new innovations.

3 - Helping customers do more with less
We solve customers’ real-world problems with simplified engineered solutions. Whatever the application, our innovations deliver efficient, sustainable solutions that have a positive impact on global customers’ routine tasks.

4 - Vertically integrated
As an award-winning global manufacturer, we create finished Gripple solutions from components we produce in-house, on machinery we design and build ourselves. We’re a trusted partner for our customers, able to deliver quality, reliability, and value.

5 - A force for good
It’s the Gripple way to do business differently. Not just to deliver profit, but to share the benefits of global sustainable growth with our customers, communities, and employee-owners. As a certified B Corp, we meet the highest standards of social and environmental performance.

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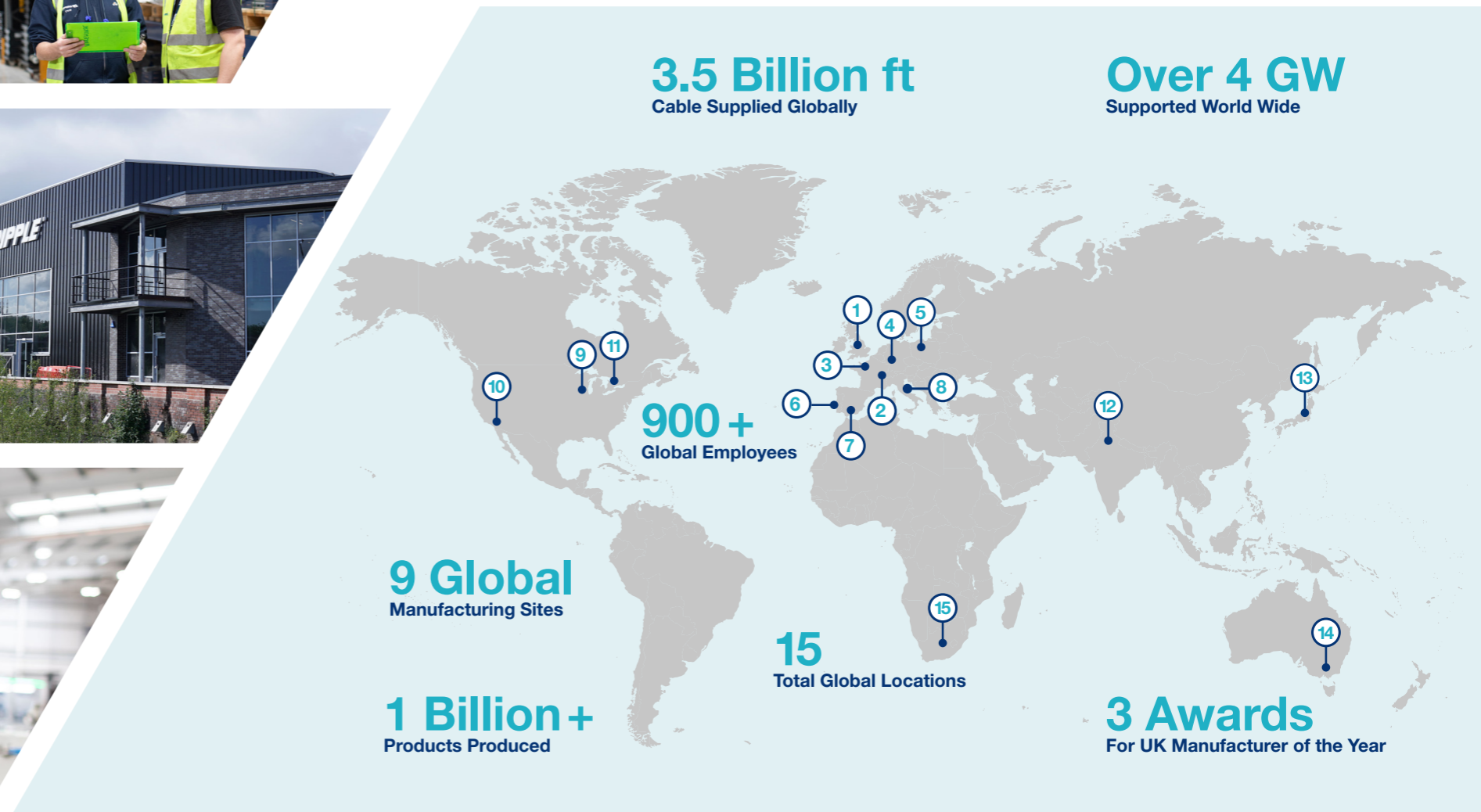


Vertically Integrated Manufacturing

An award-winning manufacturer, we create finished Gripple solutions from components we also produce in-house. Our vertically integrated operations produce our own die castings, injection moulded components, steel pressings and wire accessories. We even design and build our own automated manufacturing machinery!

Through ways of working including lean manufacturing and just-in-time inventory management we ensure streamlined processes and maximum value delivery. Our employee-owners are empowered to identify opportunities for continuous improvement, which result in greater efficiencies, better quality and improved customer satisfaction.

Continual investment in our manufacturing and supply chain means we're a trusted partner for our customers, able to consistently deliver quality, reliability, and value.



Changing the Game in 85 Countries Worldwide

Our global manufacturing and distribution footprint has been designed to deliver our innovative Gripple solutions, on-time, to over **8,000 customers**, at more than **16,000 drop points** in **85 countries** worldwide. Over **900 employee-owners** around the globe, in every one of our sites is united by this commitment to our customers. Some of our original customers have become partners in Europe, Asia, and Oceania, to strengthen our global supply chain and deliver value for our customers.

Gripple United Kingdom
1 Global Head Office – Sheffield, UK

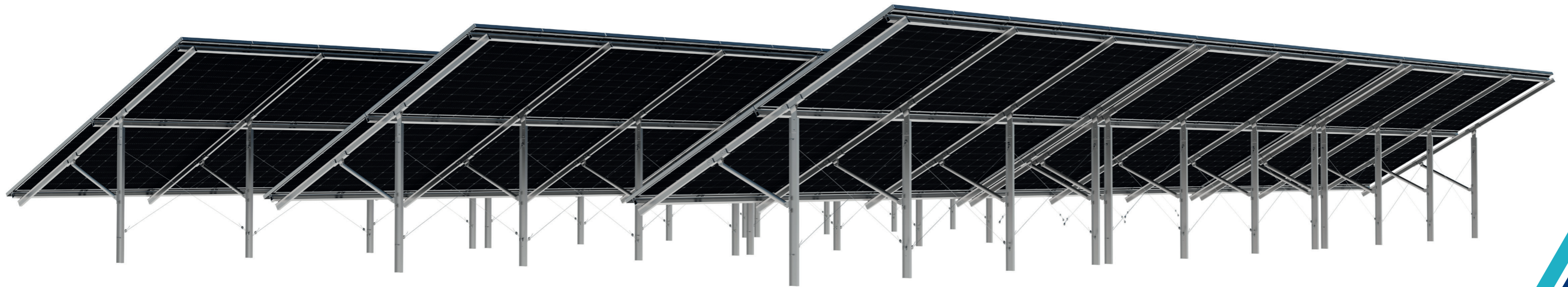
Gripple Europe:
2 Gripple Europe Head Office – Obernai, France
3 Paris, France
4 Aßlar, Germany
5 Warszawa, Poland

Europe Partners:
6 Gripple, Portugal
7 Gripple, Spain
8 Gripple, Italia

Gripple INC:
9 Gripple INC Head Office – Aurora, Illinois
10 Los Angeles, California

Gripple Rest of the World:
11 Toronto, Canada
12 New Delhi, India
13 Kobe, Japan

Rest of the World Partners:
14 Gripple Australia – Victoria
15 Gripple South Africa



Game Changing Solutions for Solar Frame Structures

Significantly reduce material, transport and logistics costs, as well as embodied CO₂ using our lightweight yet high performance solutions for solar ground mount frames.

Our Gripple engineers have developed a range of lightweight, rapid-installation kit's for applications such as PV frame bracing and structural re-alignment.

By swapping out heavy steel for our strong, but lightweight wire rope solutions you can significantly reduce material, logistics and freight costs, with no compromise on performance.

Our systems are based on tried and tested Gripple technology, proven globally for decades in demanding bracing applications such as seismic, blast protection and high load trellising.

Common Structural Solutions

OEM Frame Integration

By replacing heavy steel cross sections with strong but lightweight wire rope bracing you can significantly reduce material, transport and logistics costs, as well as embodied CO₂.

Remedial Works

Using our fast and easy-to-use kits, on-site maintenance teams can quickly and efficiently overcome common racking and foundation failures.

Installation Support

Our frame bracing solutions are ideal installation aids, helping teams prevent misalignment and ensuring racking is installed to last.



Fast to install

Contractors can easily install our kits in minutes on site using just hand tools and with minimal training



High performance

Comparable real world bracing performance to heavy steel box section, strut or angle iron, with a max load of 17.2 kN



Minimal downtime

Install without disruption to ongoing power generation



Lightweight

Compact and easy to stock and transport when and where needed



No heavy equipment needed

Install with just hand tools and minimal training



Flexible on site

Don't let on site issues impact your install. Our Solar Bracing Kits allow you the flexibility to install even if posts are misaligned

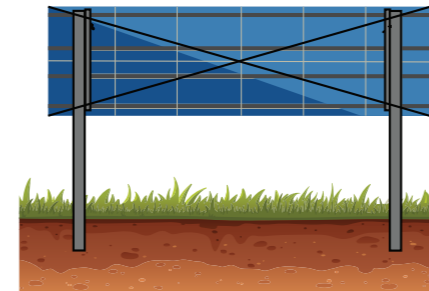




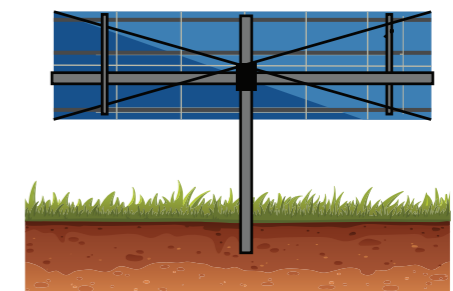
Panel Bracing

Quickly install our lightweight Solar Bracing Kits to the reverse of panels to provide protection against twisting and misalignment.

Fixed Tilt Pannel Bracing



Tracker Pannel Bracing



Gripple Solar Bracing Kits

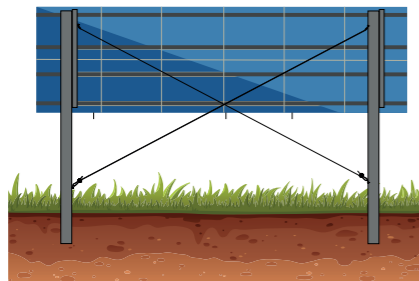
At Gripple, our engineers have developed a lightweight solar frame bracing kit which provides comparable structural performance to heavy traditional steel bracing, using a fraction of the materials.

Thanks to our Dynamic tensioner our kits are fast and simple to install, using just hand tools. They are ideal for both remedial use as well as new installations and come delivered in easy to carry boxes, making logistics and storage on and off-site simple compared with heavy steel alternatives.

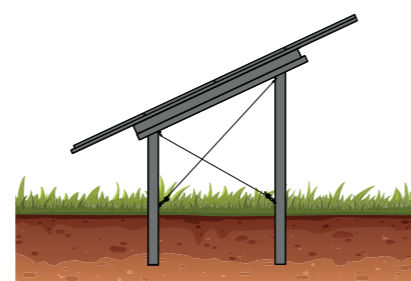
Fixed Tilt Bracing

Our lightweight wire rope bracing kits provide protection against active forces such as strong winds, seismic activity, temperature expansion / contraction or compression issues and a compatible for use in both East/West and North/South orientations depending on site requirements.

East / West Bracing (Single / Dual Pile)



North South Bracing

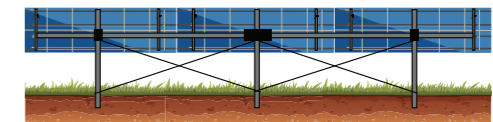


Images shown are for illustrative purposes only and do not depict actual install

Tracker Bracing

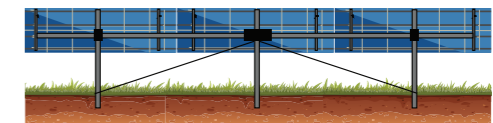
Tracker North South Bracing

Our bracing kits can provide protection for tracker systems against active forces including strong winds, seismic activity, temperature expansion / contraction or compression issues.



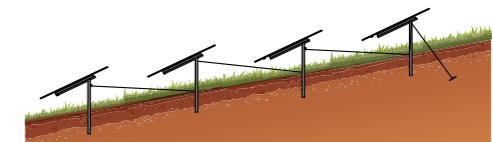
Tracker Motor Bracing

Use our Solar Bracing Kits to provide additional stability support to tracker motor piles, helping minimise unwanted movement and ensure long term performance.



Tracker Slope Bracing

Deployed as a lateral brace between adjacent piles, our lightweight and high-performance wire rope bracing systems can help to prevent unwanted movement in tracker piles on slopes. (Support your end pile with Gripple's Solar Anchoring Kit for a complete solution).



Images shown are for illustrative purposes only and do not depict actual install





Case Study

SolarPort Drives Efficiency with Innovative Gripple Bracing

Solarport Drives Efficiency with Innovative Gripple Bracing

Solarport, the UK’s leading designer and manufacturer of large and utility-scale solar mounting structures, has selected Gripple’s Solar Bracing as an integral part of its ground mount photovoltaic (PV) system.

Solarport decided to switch from heavy steel box sections after working with Gripple’s technical team to explore a lighter bracing system for its ground mount frame. Following a series of trials, Solarport specified Gripple’s 4 mm | 0.15 in wire system to offer the levels of bracing performance required.

Gripple’s lightweight bracing kits deliver like-for-like performance for Solarport, whilst allowing them to reduce the total steel weight of their frame. This provides benefits including increased transport and logistics efficiencies, as well as significant reductions in embodied carbon.

Solarport’s customers also benefit from rapid installation, which can result in major time and cost savings on a project. As the system is lightweight, it can be easily installed by one person, whereas traditional steel section bracing methods are more labour intensive.

“The Gripple Solar Bracing Kits are lightweight, flexible and simple to install with almost no training. They are easy for our customers to handle on-site, and they deliver embodied carbon savings for contractors and the project as a whole.”

Christy Tattershall,
Business Development Director, Solarport



Project Example - Yelvertoft Solar Farm, Northampton, UK

At Gripple we supplied our Solar Bracing Kits in six metre lengths to the frame manufacturer Solarport, which were supplied as a complete system for this large project to be installed by the EPC Bouygues Energies & Services.

A total of 2,200 Gripple Bracing Kits were installed across site at regular intervals with 4 out of 6 frames in each table featuring bracing.

Project Summary

Main Contractor / EPC	Project Size	Total Braces Installed	Racking System
Bouygues Energies & Services	49.9 MW	2,200	Solarport

Savings Breakdown

Steel Saving	Total Weight Saved	Embodied Carbon Saved
Up to 94% <i>Depending on traditional material</i>	Over 12,000 kg	27,215 kg

Featured Products

Gripple Solar Bracing Kit
4 mm wire (6 m length)
45° eyelet fixing

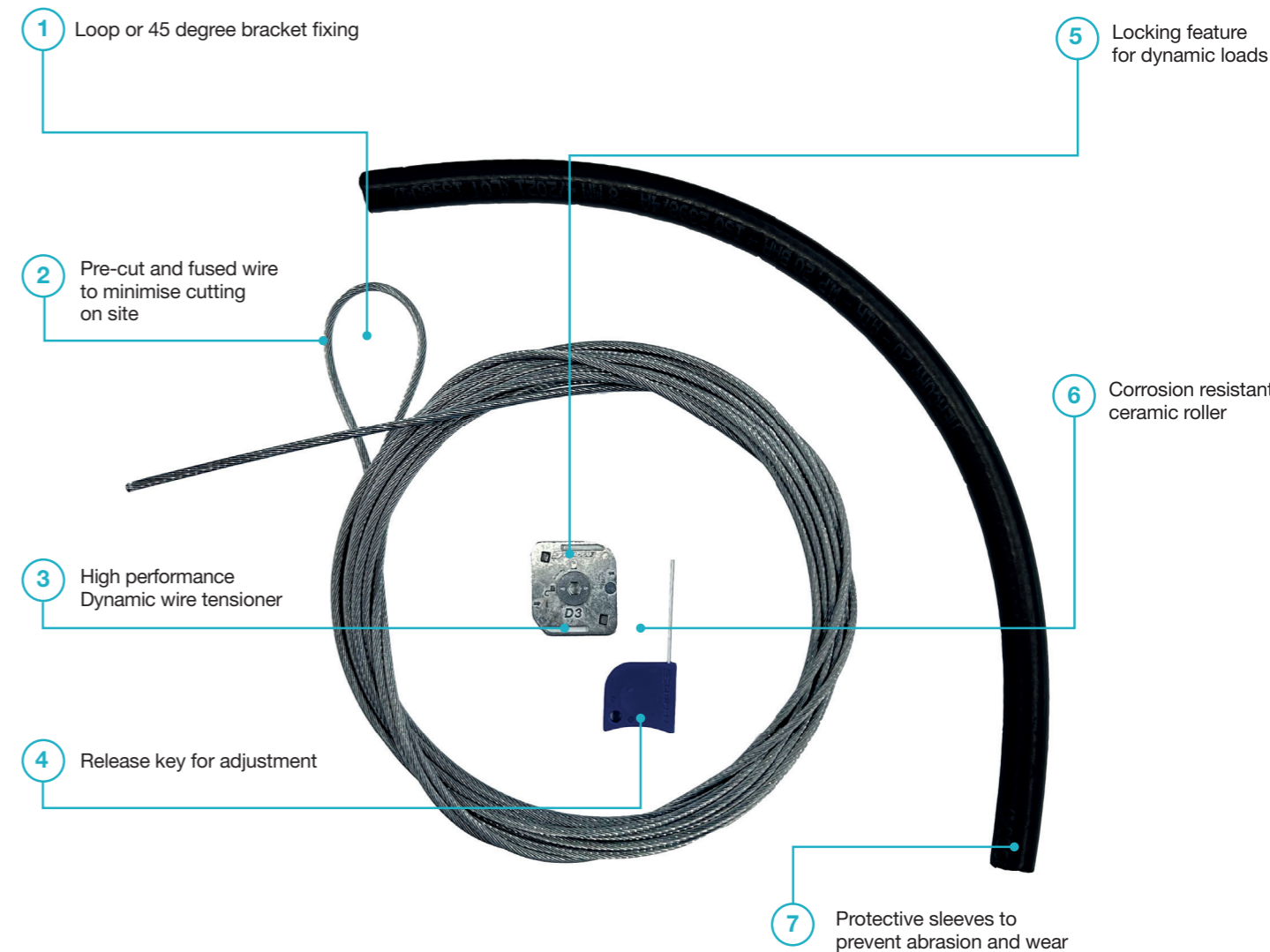


Our Products

Solar Bracing Kits

Our lightweight and fast to install Solar Frame Bracing Kits provide comparable structural performance to steel bracing. Wire rope based kits are flexible to install in multiple scenarios on multiple frame sizes making them ideal for remedial works.

- + Max Working Load: 1,750 kg | 3,860 lbs
- + Design Life: 30 Years +
- + Wire Range: 3 mm to 6 mm | 1/8 in to 1/4 in
- + Working Temperature: 20 °C to +70 °C | -4 °F to +158 °F





Technical Support

Project Installation & Design Support

Here at Gripple, we pride ourselves on more than just game changing products; our dedicated team of solar experts are on hand to deliver highly customised technical support from initial concept to final delivery.

We can provide comprehensive services including project design drawings, engineering calculations, and product modeling to help you achieve optimal results.

To maximise project efficiencies, involve our team as early as possible. During the proposal phase, we can provide multiple options for consideration, enabling you to maximize savings on both labour and materials by selecting the most efficient solution.

Engineering Calculations

Comprehensive structural and capacity calculations to support project requirements and product integration, including, catenary design load and sag analysis, foundation calculations, structural modeling analysis and geomembrane securement analysis.

Design Drawings

Developing detailed structural and site design drawings to support your specific project requirements, ensuring procurement efficiencies, best practice design layout and installation arrangements.

3D Library

We can provide a comprehensive library of 2D and 3D product CAD resources.

1-1 Project Engineering Support

Our Gripple technical team will be on hand at every stage of your project to provide one on one engineering support and advice.

On-Site Support

Our dedicated solar technical team are on hand to provide personalised on-site support from inception to completion of your project.

We can provide a range of on-site support services including installation training, product performance tests, and thorough site condition inspections, ensuring optimal performance and efficiency for your solar projects.

Site Product Tests

Where our product performance can differ based on the soil properties of your site, our engineering team are available to provide on-site real-world testing to validate performance for your specific project.

Installation Training & Support

Are you or your team new to our systems? The good news is they are designed for safe, simple and easy installation. However, if you still need support our dedicated solar technical team are available to provide on-site training and best practice guidance as and when needed.

Site Inspection and Planning

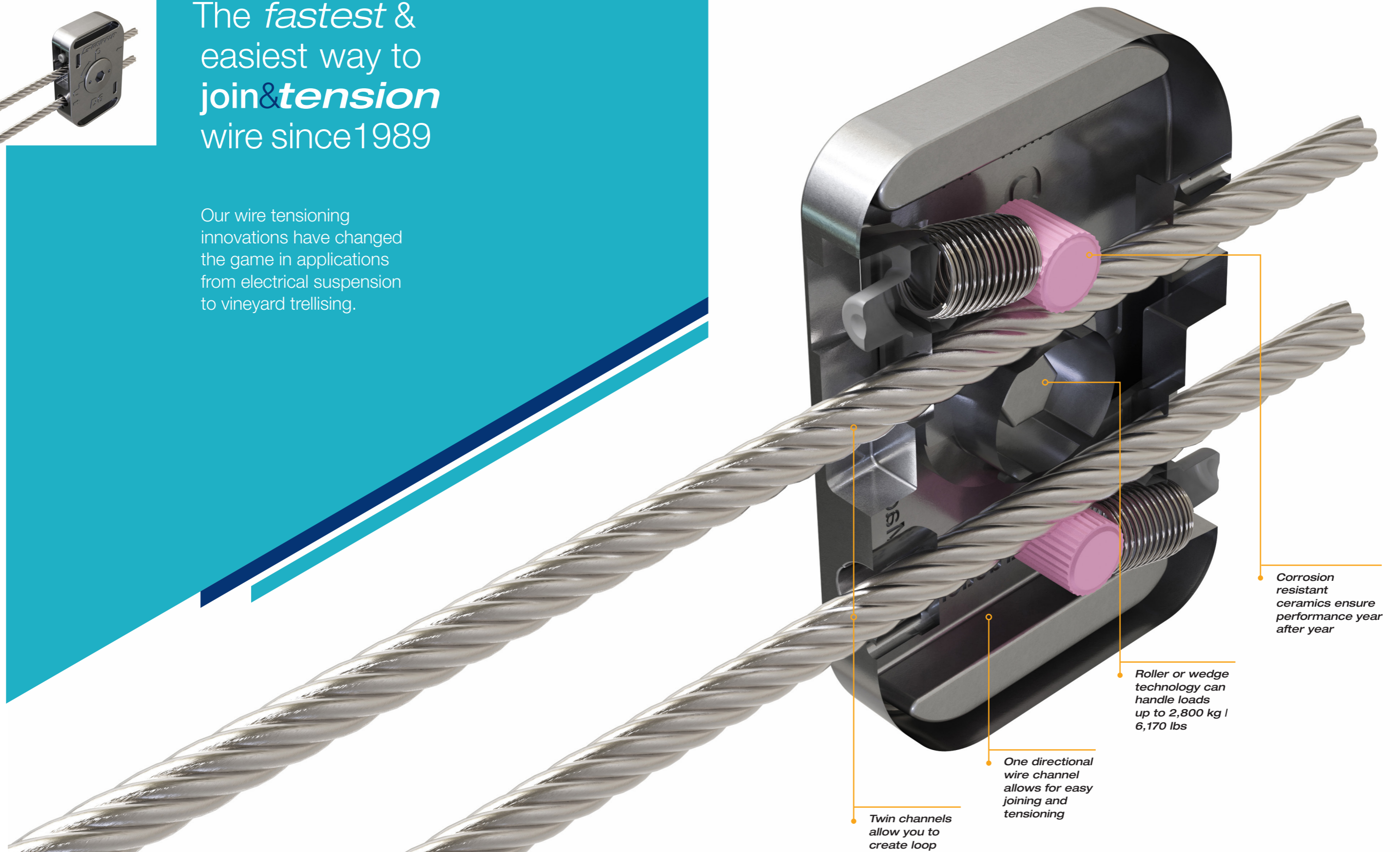
There is sometimes no alternative to actually being on site. Our solar technical team are available to attend site at every stage of your project if needed helping to aid product selection and provide best practice guidance and support.



The *fastest* & easiest way to **join&tension** wire since 1989

Our wire tensioning innovations have changed the game in applications from electrical suspension to vineyard trellising.

GRIPPLE TECHNOLOGY



Twin channels allow you to create loop fixings in seconds

One directional wire channel allows for easy joining and tensioning

Roller or wedge technology can handle loads up to 2,800 kg / 6,170 lbs

Corrosion resistant ceramics ensure performance year after year

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