

A photograph of a metal structure, likely a greenhouse or nursery frame, with autumn leaves in the foreground. The structure consists of dark metal beams and a vertical post. The leaves are in various shades of yellow and orange, suggesting a fall setting. The background is slightly blurred, showing more of the structure and foliage.

HORTICULTURAL PRODUCT RANGE



AG-BEAM

AG-BRACE

AG-STRINGING POLES

AG-POLE

AG-TRIPOST

AG-SUPPORT POST

AG-WIRE

AG-CESSORIES

Ag-Steel built for growth

Horticulture – it's synonymous with New Zealand, and Ag-Steel's range of products has been supporting the growth of one of our country's most valuable export commodities for more than 30 years.

Revolutionary in design, manufacture and product delivery, Ag-Steel provides New Zealand's horticultural industry with something that little bit extra – customer service and product expertise worth its weight in gold.

Ag-Steel's suite of products give New Zealand's horticulturalists organic friendly alternatives to timber, easy and efficient systems designed to consistent specifications, and a genuine focus on delivering to customer needs in the best way possible – the New Zealand way.

Speak with our specialist Ag-Steel team today for expert advice on the best products for your horticultural needs.

Grow with ease, grow with Ag-Steel.

* Ag-Steel by Industrial Tube is a division of Industrial Tube Manufacturing.

“Using Ag-Triposts for an intermediate row provided the perfect solution - no withholding period, no down time or mess, and quick and easy to put up.”

BRUCE BAGGENSTOS - Orchard Owner



LOCAL

Ag-Steel is Industrial Tube Manufacturing's range of steel products for New Zealand's horticultural industry. All our Ag-Steel products are designed and produced in our locally owned and operated tube mill in Hamilton.

The steel in Ag-Steel's product range started life 2.5 million years ago from volcanic rock deposited on the west coast of New Zealand.



COST-EFFECTIVE

Ag-Steel's Ag-Tripost and Ag-Pole products are low cost solutions for conventional or organic orchards, providing a high quality, cost-effective system to replace treated timber posts prone to leaching CCA. These steel alternatives eliminate CCA hot spots and help to future proof land values.



SUPERIOR

Ag-Steel products are manufactured to a consistent specification and meet all Industrial Tube's strict manufacturing quality controls. Steel surfaces are clean and smooth, minimising insect and fungal accumulation seen in other materials.



SUSTAINABLE

Steel used in all Ag-Steel products is 100% recyclable and can be repurposed multiple times. The material's life cycle makes it one of the most sustainable resources and ensures Ag-Steel products aren't just great for growers, they're good for the environment.

To find out more about what makes Ag-Steel products the leading choice for New Zealand's horticultural industry, contact our team today.

07 282 1538 sales@agsteel.co.nz www.agsteel.co.nz

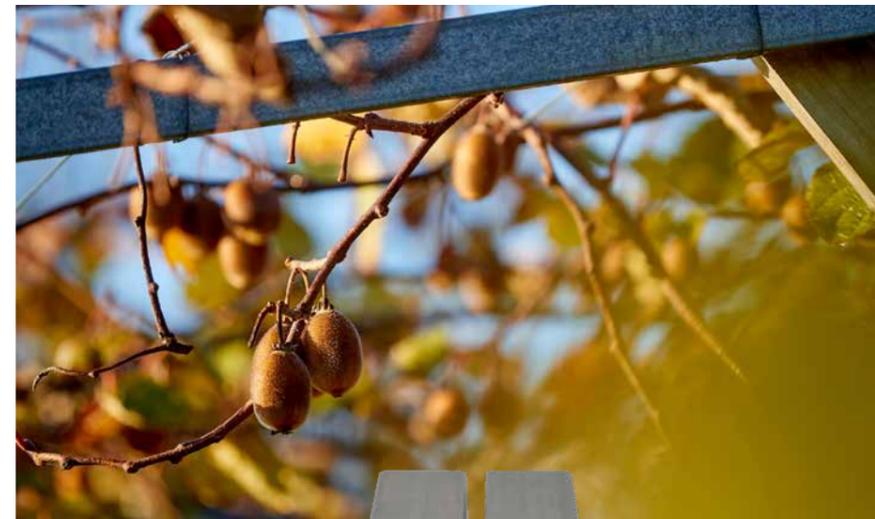
AG-BEAM

Ag-Beam™ is the leading solution for New Zealand's kiwifruit industry, built to carry the increasing weight requirements of today's orchards. Supplied by Industrial Tube Hamilton since 1994, this New Zealand-made steel solution provides significant environmental benefits over a timber alternative.

BENEFITS

- **PROVEN RELIABILITY**
Many of Ag-Beam's early structures are still in orchards today.
- **LOAD STRENGTH**
Manufactured from strong grade 310 (min 310 mpa) steel with proven load strength to support current high fruit yields.
- **SIMPLE INSTALLATION**
Ag-Beam, Ag-Brace, Ag-Joiner and Ag-Staples work in harmony to provide an efficient and cost-effective system.
- **INSECT RESISTANT**
Ag-Beam's steel solutions minimise insect and fungus accumulation seen in timber products.
- **SUPERIOR PROTECTION**
Z450 galvanised coating provides superior weather protection.
- **CUSTOMISED THICKNESS**
Two wall thickness options available to suit orchard load or spacing requirements.
- **VARIABLE LENGTHS**
All Ag-Beams are offered ex-mill in variable lengths, 5m to 11.5m.
- **STRUCTURAL STRENGTH**
Ag-Beam joiners can be supplied in various lengths and used to enhance the structure's strength.

PRODUCT RANGE



Ag-Beam & Ag-Joiner

AVAILABLE MEASUREMENTS:

- 64x38x1.15mm Ag-Beam (Standard)
- 68x43x1.55mm x 400mm Ag-Joiner (Standard)
- 64x38x1.55mm Ag-Beam (Heavy)
- 68x43x1.85mm x 400mm Ag-Joiner (Heavy)



SUPPORTING PRODUCTS

Enhance your Ag-Steel structure with supplementary products from the Ag-Steel product family:

- Ag-Joiner
- Ag-Cap
- Ag-Tripod
- Ag-Brace
- Ag-Fix

AG-BRACE

Ag-Brace, in conjunction with the Ag-Beam system, will increase capacity in orchards with wide bays or side skirts. Custom-designed for New Zealand's kiwifruit industry, and manufactured to withstand environmental factors, Ag-Braces can be retrofitted onto existing timber posts and Ag-Beam.

BENEFITS

- **STRONG GRADE**
Ag-Brace products are manufactured from strong grade 310 (min 310 mpa) steel with proven load strength for past and future fruit yields.
- **SUPERIOR DESIGN**
Ag-Brace is made from the same strong steel section used in Ag-Beam, providing a stronger alternative to other designs.
- **EASY INSTALLATION**
Ag-Brace can be installed by one person with a drill and tek screws.
- **SUPERIOR PROTECTION**
Z450 galvanised coating provides superior weather protection.
- **INCREASED CAPACITY**
Ag-Brace provides structural strength to the Ag-Beam, increasing carrying capacity. Commonly used in existing orchards where Ag-Beam spans are wide or to support side skirts.

Contact our team today to confirm the best Ag-Brace to strengthen your existing rows. Call or email us to make your order.

📞 07 282 1538 ✉ sales@agsteel.co.nz

PRODUCT RANGE



Ag-Brace Flat End



Ag-Brace Scallop End



Ag-Brace Scallop End (detail)

AVAILABLE MEASUREMENTS:

- 1.2m x 1.15mm Flat End
- 1.85m x 1.15mm Flat End
- 1.2m x 1.15mm Scallop End
- 1.85m x 1.15mm Scallop End

SUPPORTING PRODUCTS

Install your Ag-Brace with our superior screws.

AG-STRINGING POLES

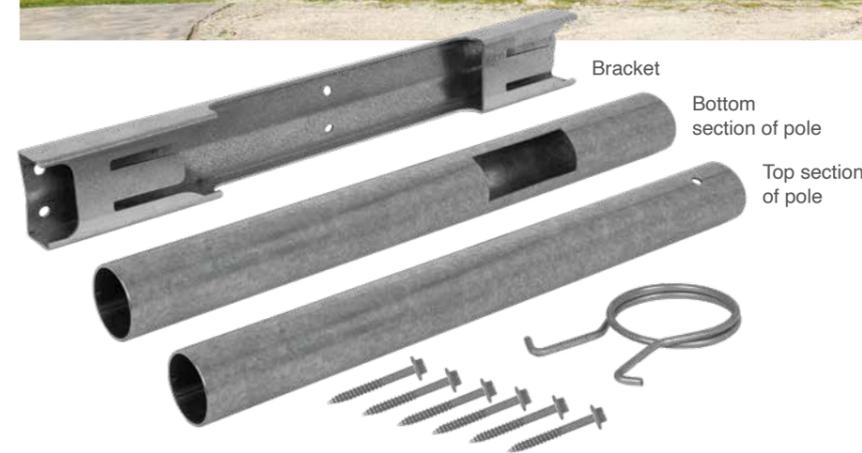
Ag-Stringing Poles are designed as a no-fuss, strong and reliable system to grow new canes up strings, to replace old wood. Once the old wood has been removed, simply drop the new canes and secure them to the canopy for the next season's bumper crop.

New Zealand made, Ag-Stringing Poles are a strong and reliable organic friendly alternative to traditional timber poles. They are designed for installation on timber posts in existing orchard structures with minimal installation hassle and will last the lifetime of the orchard.

BENEFITS

- SIZE OPTIONS**
 Ag-Stringing Poles come in five lengths, 3.0m, 3.5m, 4.0m, 4.5m and 5.0m. (Standard 38mm OD).
- CUSTOMISED HEIGHTS**
 Ag-Stringing Poles come in five standard pole lengths, but special lengths are available on request.
- EASY INSTALLATION**
 The bracket system is screwed onto the post, and the stringing pole is inserted onto the bracket. Set the bracket at the required height.
- ADJUSTABLE DESIGN**
 Post and brackets placement can be adjusted to suit changing height requirements.

PRODUCT RANGE



Ag-Stringing Poles

AVAILABLE MEASUREMENTS:

Total pole length	Length of pole above bracket*
3.0m	2.42m
3.5m	2.92m
4.0m	3.42m
4.5m	3.92m
5.0m	4.42m

*Length of pole above bracket is calculated when the top of the bracket is positioned 200mm below the top of the post.

STRINGING POLE KIT COMPONENTS:

- 1 x pole 38.1 diameter, 1.6mm gauge
- 1 x bracket
- 6 x screws
- 1 x hoop

AG-POLE

Ag-Pole is an exclusive Ag-Steel product designed to carry the weight of netting in New Zealand's harsh environment. A strong and reliable organic alternative to traditional timber poles, Ag-Pole does not require post holes so can be installed close to plants in existing orchards with minimal disruption to the root system.

Proudly designed and manufactured by Industrial Tube Manufacturing in New Zealand, Ag-Pole is available with two socket options and variable fixing pin lengths.

BENEFITS

- ORGANIC SOLUTION**
 Ag-Pole is an organic steel alternative to timber posts.
- STRONG GRADE STEEL**
 Manufactured from strong grade 310 (min 310 mpa) steel.
- SUPERIOR PROTECTION**
 Z450 galvanised coating provides superior weather protection.
- LIGHTWEIGHT**
 Strong steel alternative to timber poles enables easy movement inside the orchard during installation.
- SIZE OPTIONS**
 Ag-Pole comes in two socket and pin sizes based on ground conditions (Standard 88mm OD, Heavy 114m OD).
- NO POST HOLE REQUIRED**
 Ag-Poles are secured in place on top of the ground by three steel pins.
- CUSTOMISED HEIGHTS**
 Ag-Pole comes in standard 6m pole height, but special lengths are available on request.
- ADJUSTABLE DESIGN**
 Post and sockets can be adapted to suit changing ground contours.

PRODUCT RANGE



Ag-Pole Socket (heavy)

Ag-Pole (top detail)

Ag-Pole Socket (standard)

FOR PERGOLA SUPPORT POSTS, SEE AG-TRIPOST ON PAGE 10.

All Ag-Poles are supplied with a socket and three galvanized steel pins in two different configurations. Speak to our specialist sales team for more information.

AG-TRIPPOST

Ag-Tripost is a quality organic alternative to timber posts. Exclusive to Ag-Steel, this product was developed as a labour-efficient solution for retro-fitting into an existing orchard. Designed specifically for New Zealand's unique horticultural landscape, our team of experts can provide you with the specifications you need for optimal growing support.

BENEFITS

- **EASY INSTALLATION**
No heavy machinery required. Ag-Tripost can be installed by one person using a battery-powered hammer drill.
- **VARIABLE HEIGHT**
Available in 1.8m, 1.85m and 1.9m lengths (Measured to the underside of the Ag-Beam).
- **NO POST HOLE REQUIRED**
Ag-Triposts are secured in place on top of the ground by three steel pins.
- **LIGHTWEIGHT**
Strong steel solution to timber posts.
- **ORGANIC SOLUTION**
Ag-Tripost is an organic steel alternative to timber posts. This steel solution minimises insect and fungus accumulation.
- **STRONG FIXING POINT**
Fixed to Ag-Beam using 12x20 Ag-Fix screws.
- **STRONG GRADE STEEL**
Manufactured from strong grade 310 (min 310 mpa) steel.
- **SUPERIOR PROTECTION**
Z450 galvanised coating provides superior weather protection.

Ag-Tripost products are made exclusively in New Zealand by Ag-Steel, a division of Industrial Tube Manufacturing.

PRODUCT RANGE



All Ag-Triposts are supplied with three 22mm diameter x 600mm long galvanized steel pins. Ag-Tripost height measurement is from ground level to bottom of Ag-Beam.



Ag-Tripost

FOR LARGER SUPPORT, SEE AG-POLE ON PAGE 7.

See our installation video on our website www.agsteel.co.nz

SUPPORTING PRODUCTS

Install your Ag-Tripost with our superior screws:

Ag-Fix

AVAILABLE MEASUREMENTS:

12x20mm Hex Metal Screw

"We installed Ag-Steel's Ag-Tripost product as an alternative to wooden posts for the first time in 2018, on a kiwifruit orchard in the Bay of Plenty. With the price of wood products rising, we found the Ag-Tripost a cost-effective alternative to wooden posts, with savings on time, machinery and labour. The beauty of the product is that it eliminates the use of machinery, the installation is simple, efficient and quick."

DARRYN MAGUIRE - Fencing Worx Bop Ltd

AG-SUPPORT POST

Ag-Support Post is ideal for replacing broken timber posts, or as support for intermediate rows of Ag-Beam. Designed for easy installation with a ground-holding plate to stop the post from sinking. Ag-Support Post are made from the same high grade steel, and to the same standard, as Ag-Tripost, with a base plate bottom.

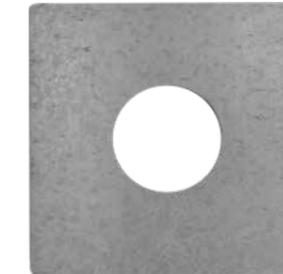
Designed for easy installation with a ground-holding plate. No need for heavy machinery to install these, saving you time and money.

Suitable for replacing broken timber posts, or as support for intermediate rows of Ag-Beam.

BENEFITS

- **SIZE OPTIONS**
Ag-Support Posts are available in 1.8m, 1.85m and 1.9m lengths (measured from the underside of the Agbeam to the ground holding plate).
- **STRONG GRADE STEEL**
Manufactured from strong grade 310 (min 310 mpa) steel.
- **SUPERIOR PROTECTION**
The Z450 galvanised coating provides superior weather protection.
- **EASY INSTALLATION**
Designed for easy installation with a ground-holding plate. No need for heavy machinery to install these, saving you time and money. Fixed in place by pushing the post 90mm into the ground, with the ground holding plate providing resistance to stop the post sinking further into the ground under load. There is a recess cut into the top of the posts to hold the Ag-Beam – no need for staples to fix the Ag-Beam in place or stop it rolling off the post.

PRODUCT RANGE



Ag-Support Post with base plate

AVAILABLE MEASUREMENTS:

Total Post Length
• 1.8m, 1.85m and 1.9m lengths
(measured from the underside of the Ag-Beam to the ground holding plate)

Fix in place by pushing the post 90mm into the ground. The ground holding plate provides resistance to stop the post sinking further into the ground under weight. There is a recess cut into the top of the posts to hold the Ag-Beam – no need for staples to fix the Ag-Beam in place or stop it rolling off the post.

AG-WIRE

PRODUCT RANGE



Ag-Wire

AVAILABLE MEASUREMENTS:

- 2.5mm MZHT Galvanised 25kg Coil
- 2.5mm MZHT Galvanised 39kg Coil
- 3.15mm MZHT Galvanised 25kg Coil



Ag-Wire is New Zealand-made high tensile vineyard/fencing wire with reliable strength and proven galvanised coating. A quality product, Ag-Wire is compatible with Ag-Beam and other Ag-Steel products, for your horticultural structure.

BENEFITS

- **HIGH TENSILE**
Ag-Wire is a strong high tensile wire with 1050-1450 mpa strength.
- **SUPERIOR PROTECTION**
Long-lasting zinc/aluminium galvanised coating is manufactured to the AS/NZS 4534 standard.

AG-CESSORIES

Ag-Steel's range of high-quality Ag-Staples, Ag-Clips, Ag-Caps and Ag-Fix have been designed and manufactured to fit all of the Ag-Steel range, with enhanced strength and durability for New Zealand conditions.

PRODUCT RANGE

Ag-Tensioner Handle



Ag-Tensioner



Ag-Beam Clips

AVAILABLE MEASUREMENTS:
Standard and Joiner Clip



Ag-Staples

AVAILABLE MEASUREMENTS:
5x39x200mm, 5x39x300mm & 5x45x200mm



Ag-Fix

AVAILABLE MEASUREMENTS:
12x20mm Hex Metal Screw
12x35mm Hex Metal/Wood Screw
12x40mm Hex Wood Screw



Ag-Caps



For expert advice on the best Ag-Accessory range for your vines and rows, contact the Ag-Steel technical support team today.

📞 07 282 1538 ✉️ sales@agsteel.co.nz



To get the best out of Ag-Steel's product range,
speak to our in-house experts today.

278 Kahikatea Drive, Frankton, Hamilton, New Zealand

www.agsteel.co.nz | 07 282 1538



Our Ag-Steel range of products are
manufactured and designed in
New Zealand for our conditions.
All steel is sourced from New Zealand
Steel to the AS/NZ 1365 standard.