

Cyclone[®]

Better farms start with Cyclone

**STRAINERS
& STAYS**



- APPLICATION • FEATURES & BENEFITS
- COMPLETE STRAINER ASSEMBLY • COMBINATION STAY

onesteel

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Cyclone® Strainers & Stays

APPLICATION

Cyclone has a range of complete strainers assembly units as well as a combination stay system that can be used in conjunction with an existing timber, steel or concrete strainer post.

Cyclone recognises how important the strainer is to the life and ultimately the functionality of a fence line, and therefore both systems have been designed to provide a high performance that is quick and simple to erect, making them a good economical choice.

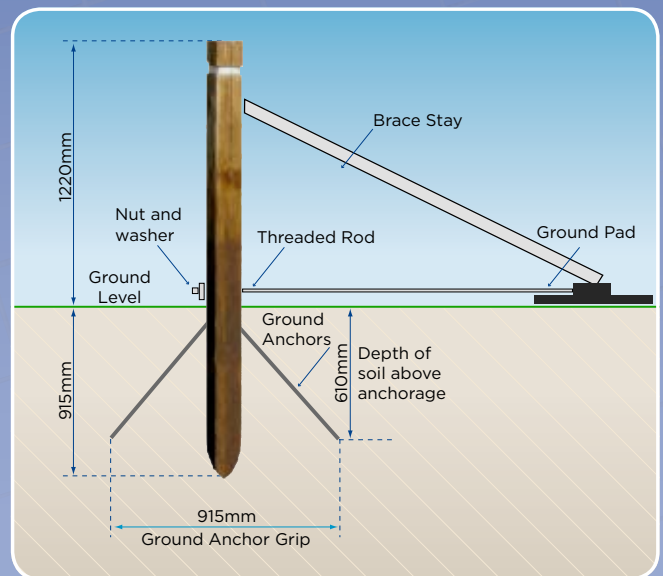
“Hot dipped galvanized steel - won’t split, rot or be eaten by termites.”

Combination Stay:

The Cyclone combination stay has been specifically designed to be erected quickly and simply to ensure that the strainer post chosen will not pull out of the ground. The combination stay is ideal for upgrading a failed or broken timber or concrete stay while retaining your current strainer post with no digging necessary.

The Cyclone combination stay is designed to be installed quickly and with minimal tools or effort onto timber, concrete or Cyclone steel strainer posts. With limited experience required, the Cyclone combination stay gives every fence the strength it needs while delivering significant cost and labour savings.

Manufactured from heavy duty 50nb galvanised steel pipe, with a UV stabilised recycled plastic foot pad, available in both hollow and pointed bungs.



“The combination stay has been designed to be installed in approximately 10 min by one person with minimal tools and equipment.”

Combination Stay	
Features	Benefits
<ul style="list-style-type: none"> ■ Can be used with the following strainer posts: <ul style="list-style-type: none"> • Timber (pointed bung option) • Concrete • Cyclone steel strainer posts ■ Galvanised 50NB pipe with 3.25m stay length. ■ Footpad made from UV stabilized recycled plastic, and requires no digging to install. ■ Ideally suited to repairs or upgrading of existing strainer posts. ■ All galvanised steel. 	<ul style="list-style-type: none"> ■ Convenient & adaptable. ■ 10 minute setup (includes driving strainer), saves time and labour costs. ■ No need to cut wire to upgrade old end assemblies, saves time and labour costs. ■ Creates a rigid triangle, reduces jacking effect. ■ Versatile, suits all types of fencing & ideal for Vineyards. ■ Pointed bung option, allows the stay to be erected in conjunction with a timber strainer post. ■ Footpad acts like a stabilizer, with load from the fence displaced through the footpad.

Cyclone[®] Strainers & Stays

HOW TO INSTALL YOUR COMBINATION STAY

The Cyclone Combination Stay is designed to be installed quickly and with minimal tools onto timber, concrete or Cyclone steel strainer posts. The Combination Stay is also ideal for upgrading a failed or broken timber or concrete stay while retaining your current strainer post.

How to Install a Combination Stay



1. Attach the stay to the strainer post

Cyclone steel strainer post: Bolt the stay to the strainer post by lining up the pre-punched holes and using the nut and bolt provided.

Timber post: At approx 1/3 of the distance from the top of the strainer post, facing the fence line, drill a 50mm deep hole using a 63.5mm splayed bit angled downwards at approx 45 degrees.

Concrete post: Slide the stay end with the squashed profile into the preformed slot in the concrete post.

2. Attach the threaded rod to the strainer post

Cyclone steel strainer post: Place the straight end of the threaded rod through the hole at the base of the steel strainer post. Use the washer and nut to secure this in place. 5cm of thread is sufficient.

Timber post: Using a 16mm drill bit, drill a hole completely through the post at about 75mm above ground level. Place the straight end of the threaded rod through the hole you have just drilled at the base of the timber strainer post. Use the washer and nut to secure this in place. 5cm of thread is sufficient.

Concrete post: Place the straight end of the threaded rod through the preformed hole at the base of the concrete strainer post. Use the washer and nut to secure this in place. 5cm of thread is sufficient.

Note: At completion of this step, the diagonal stay and threaded rod should both be facing the same direction and almost touching at ground level.

3. Attach the plastic ground pad

Place the plastic ground pad where the rod and pipe meet at ground level. Place the 'S' shaped section of the rod into the ground pad and the 'hook' end into the bottom of the pipe.

4. Tighten the assembly

Tighten the threaded rod using the nut that was installed in step 2 until the entire assembly is firm with no need to over tighten. At this stage, the ground pad should be firmly pressed against the ground and not able to be moved. Using a hacksaw, remove any excess thread to avoid a trip hazard.

In certain conditions, such as peat and sand, this standard set up will need to be modified. Just contact your Cyclone Sales Manager for tips and advice.

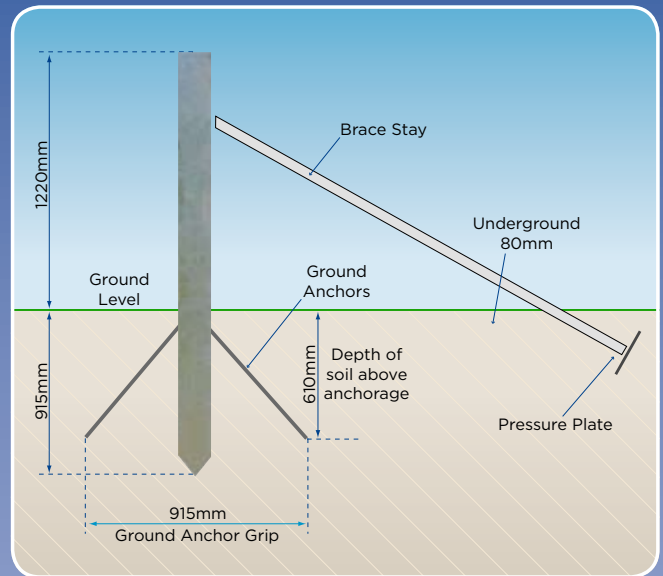
Cyclone® Strainers & Stays

Complete strainer assembly:

Cyclone complete strainer assemblies can be used as an end assembly, corner post or in-line for additional strength on long strains. The robust all-steel construction and hot dipped galvanised coating ensures strength and durability.

The complete strainer assembly can be purchased as a complete kit, or as a stay and ground pad only, which is suited to repairs or upgrades to existing strainer assemblies. The complete strainer assembly is designed to be installed quickly with minimal tools, effort, or experience required. There is the potential for substantial labour cost savings.

Manufactured from a heavy duty galvanised 90x90mm x 6mm strainer post, 50nb galvanised steel stay, as well as all the pressure plate and ground anchor materials required.

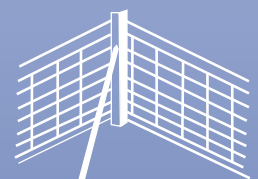


“Extra stay and assembly plate sold separately for speedy repairs”.

Complete Strainer Assembly	
Features	Benefits
<ul style="list-style-type: none"> ■ A complete strainer assembly in one kit ■ Use as a strainer assembly, corner assembly, or in-line for additional strength and long strains ■ Anchor pins supplied for additional ground holding power. (90cm x 2) ■ Approx 10 minute installation time. ■ Heavy duty 90mm x 90mm x 6mm profile post. ■ Stay brace made from 50NB galvanised pipe. Available in a standard duty 2.2m length or heavy duty 3.25m length. ■ Dig-in pressure plate made from 6mm galvanised steel plate to provide long-term stability. 	<ul style="list-style-type: none"> ■ Easy to install. ■ Adjustable and reusable. ■ Drive in strainer construction means no holes to dig in the majority of cases and no heavy equipment or cement required to install ■ Fully prefabricated, saves time and labour costs. ■ Strong design and materials used, able to support fences up to 1.2m high with a load bearing capacity of up to 160kN. ■ Hot dipped galvanised steel, superior corrosion resistance, and steel won't burn or rot, as well as being termite proof. ■ Pre-punched holes, designed to swing a farm gate when used in conjunction with the Cyclone FGP7 gate fitting.

The Cyclone complete strainer assembly is a versatile unit, and can be installed in various situations:

- As a standard strainer end assembly. The strainer post is installed with the bracing stay in-line with the fence and bolted to the strainer post. This also allows a gate to be hung from the strainer post.
- At a corner – the bracing stay is installed so that it bisects the angle at which the two fence lines meet. This is stronger than placing two separate stays in line with each fence line.
- In-line – on long fence strains, an in-line strainer assembly provides additional strength and support to the fence line to prevent it from falling over if placed under pressure from stock.
- At a gateway – the strainer post has holes pre-punched during manufacture to allow the Cyclone FGP7 gate hinges to be easily fitted.



IMPORTANT:

Always check with 'Dial Before You Dig' prior to installing the strainer post to ensure there are no gas/electricity/water service.

Cyclone® Strainers & Stays

HOW TO INSTALL YOUR COMPLETE STRAINER ASSEMBLY

How to Install a Complete Strainer Assembly



1. Drive in the strainer post

Drive in the strainer post with one face inline with the fence, the other slightly off plumb away from the strain. In hard ground, use an 80mm auger to speed erection. Drive in strainer until top anchor sleeve is just below ground level. It then stands 1200mm above ground.

2. Attach the stay to the strainer post

Bolt flattened end of the bracing stay to inside face of strainer. Or to welded lug for corners and changes of direction, when bracing stay bisects angle of converging fencing lines. Do not tighten bolt. For gate closing strainers, replace bolt with chain and knob catch bolt.

3. Attach and drive in the pressure plate

Bolt the pressure plate to the end of the bracing stay with the curve in the steel plate facing inwards and downwards. Ensure that the bracing stay is accurately lined up with the fence or bisects the angle made by the fence lines at a corner or change of direction.

Drive in pressure plate to about 80mm below ground level. Be careful not to disturb the earth on the thrust side of the plate. However, a shovelful of earth removed from beneath the bracing stay on the inside of the plate assists the driving in.

4. Anchor the strainer post

Insert star steel ground anchors in sleeves and drive home. This is the secret behind the immense stability of the Cyclone steel strainer assemblies. Leave about 20 or 30 mm of each ground anchor protruding above the sockets

5. Tighten the assembly

Finally tighten the stay bolt on the bracing stay securely and you're ready to swing a gate or strain up your Cyclone Ringlock fence.

In certain conditions, such as peat and sand, this standard set up will need to be modified. Just contact your Cyclone Sales Manager for tips and advice.

For more information and tips on how to get the most from Cyclone's range of strainer assemblies or any other Cyclone rural fencing products, contact your Cyclone Sales Manager.

Visit www.onesteelcyclone.com.au or call Cyclone Sales & Service on 1800 199 450