



## **Exclusion Fencing**

For the effective protection of livestock and crops



Fence configurations, design tips and a complete range of posts, fencing, gates and tools



**Posts • Fencing • Gates • Tools**

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## **Australian family owned, down to earth, no nonsense**

**Whites has been listening and responding to the needs of Australian farmers and fencing contractors for over 40 years. Continuously developing better fencing ideas proven to work on the farm, Whites has pioneered a number of original ideas like Stockpost Ute Pack, designed to get the job done with a minimum of fuss.**

**Australian owned and operated, Whites is a family business with its roots strongly embedded in steel, wire and fencing products since 1977. Today, Whites Rural takes up the mantle as Whites' specialist rural arm signifying a deeper, long-term commitment to the needs of rural Australia.**

**40 Years**

*Australian Family Owned*

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[www.whitesrural.com.au](http://www.whitesrural.com.au)





# Exclusion Fencing

A complete range of  
Posts, Fencing, Gates & Tools



## CONTENTS

<b>Exclusion Fencing</b> Introduction & recommendations	4
<b>Stockpost® &amp; Stockpost® XL</b> Steel fence posts	6
<b>Stiff Stay® &amp; Stiff Knot®</b> Prefabricated fencing	8
<b>Fence Configurations</b> Fence height from ground level	
• 1165mm fence height	10
• 1315mm fence height	12
• 1525mm fence height	13
• 1600mm fence height	14
• 1750mm fence height	15
• 1825mm fence height	16
<b>Product Listing</b>	17
<b>Wire and Joiners</b>	18
<b>Gates and Tools</b>	19



# Exclusion Fencing

The widespread adoption of exclusion fencing across Australia is proving to be a valuable investment to protect livestock, crops and farm infrastructure while improving profitability. Productivity is primarily the ultimate goal in exclusion fencing and that can take many different forms.

Exclusion Fencing is specifically designed to protect against feral animals, spread of weeds, diseases and other unwanted animals. Starting with a clear objective and a solid plan is paramount to building an effective and cost efficient exclusion fence.

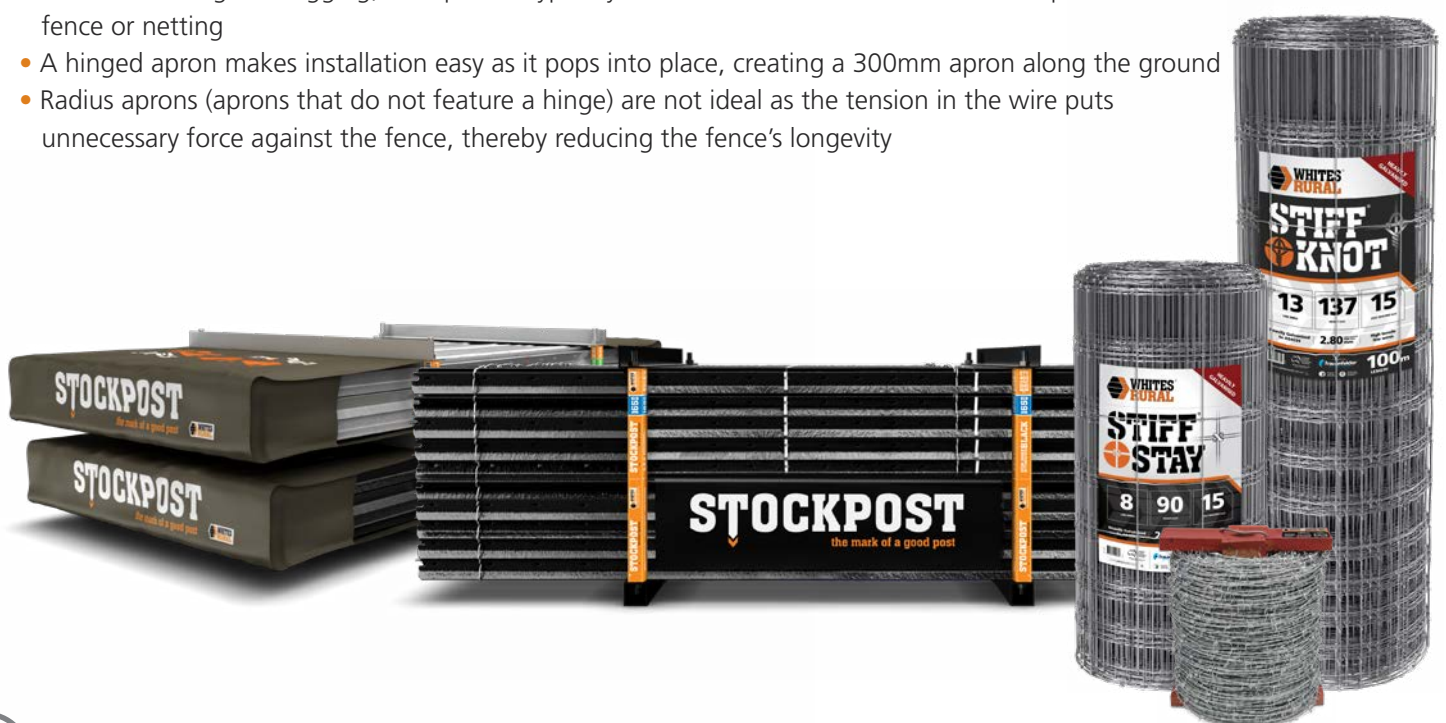
*Here are some of our tips:*

## Prefabricated Fencing

- Prefabricated fencing, supplied in roll form is designed for quick and easy erection
- Look for a strong knot and tight picket spacings that make it difficult for feral animals to push and work their way through
- The preference should be for tighter 15cm picket spacings to improve the fence's ability to withstand impact and resist buckling and sagging
- Longer rolls up to 500m in length will save time by reducing joints over long runs

## Fence Aprons

- Deter burrowing and digging, the apron is typically 300mm wide and can be made from prefabricated fence or netting
- A hinged apron makes installation easy as it pops into place, creating a 300mm apron along the ground
- Radius aprons (aprons that do not feature a hinge) are not ideal as the tension in the wire puts unnecessary force against the fence, thereby reducing the fence's longevity







## Fence Posts and End Assemblies

- Animals can place a lot of stress on fences due to their size and strength; using quality fence posts, braces and stays will help prevent fence failure in these circumstances
- Close spacing of steel fence posts at around 5m intervals is recommended
- Big steel posts, referred to as intermediate posts, used in conjunction with standard steel fence posts will significantly strengthen the fence
- The ratio between standard to intermediate posts is typically 4:1. Intermediate posts are also a good alternative to timber posts
- Length of strains will typically be determined by the topography of the land being fenced; typically, distance between strains should not exceed 500m
- The use of strainer posts on either side of water courses will protect the fence in case of a flood

## Barbed Wire

- Barbed wire is a strong physical deterrent for any animal
- Barbed wire used as a top wire will deter animals that push up against the fence or from going over the top
- Barbed wire used as a bottom wire deters digging and burrowing animals when an apron is not in place
- High tensile 1.80mm or 2.00mm barbed wire is recommended

## Fence Wire

- Correctly tensioned high tensile fence wire is recommended for its strength; ensure manufacturer's tensions are used when joining wire
- Wire must be tied to posts using fence clips or cut lengths of wire; note: the practice of passing the wire through the fence post should be avoided as it can damage the wire coating and reduce the life of the wire
- Plain wire can be run out initially to sight the line, which is then incorporated into the fence design.  
A seldge wire at ground level can be used to help stiffen the apron if additional downwards pressure is required.

## Accommodating natural surfaces

- Feral fences should ideally be erected on flat surfaces, thereby limiting any natural entry points for animals; the use of a grader to form an even pad is recommended
- Hills and gullies occur on properties and these must be accommodated
  - There is a tendency for high tensile wire to pull posts from the ground, especially in gullies, where the wire tension acts against the post at the lowest point
  - A known defence for this is to use a big intermediate post – the greater surface area of the posts provides better ground holding
- In softer soils, where posts may sink over time, an anti-sink plate provides a simple and effective solution







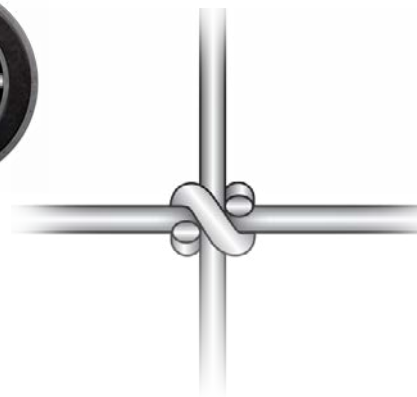


# Prefabricated Fencing

## STIFF STAY® PREFABRICATED FARM FENCING

Stiff Stay prefabricated fencing features a tight cross-over knot manufactured on the Stiff Stay machine. The name Stiff Stay is trademarked to Whites and made exclusively by Frauenfelder, Whites' manufacturing partner, based in Albury NSW.

The Stiff Stay knot locks the wires in place to resist buckling and sagging. The shape of the knot provides a smooth surface so it is safe and easy to use.



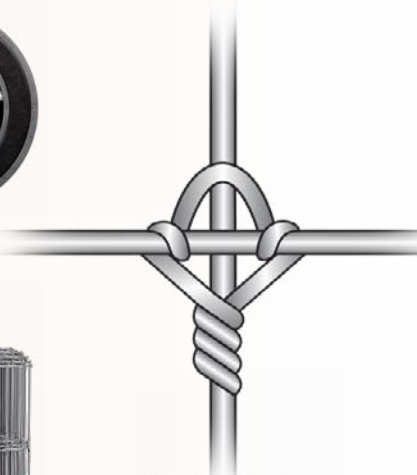
## STIFF KNOT® PREFABRICATED FARM FENCING

Stiff Knot prefabricated fencing is manufactured in Australia on the fixed knot machine. The name Stiff Knot is trademarked to Whites and made exclusively by Frauenfelder, Whites' manufacturing partner, based in Albury NSW.

The Stiff Knot is a large fixed knot that locks line wires rigidly to one-piece vertical pickets.

Considered the strongest knot available, it provides maximum strength by absorbing impact and spreading the load.

No exposed ends which can snag livestock. Available with optional hinged apron.



hinged apron

exclusively manufactured by  
**frauenfelder**  
*Your Regional Manufacturer*



# Key Features

## Premium Coating & Wire Grade

- Heavily Galvanised
- 2.8mm high tensile top and bottom line wires
- 2.5mm high tensile line wires and 2.5mm vertical stay wires



## Continuous Vertical Pickets

- Both Stiff Stay and Stiff Knot feature a continuous vertical pickets locked into place to resist sagging & buckling
- Compared to hinged joint fencing, they also provide a better fence over undulating land following the contour of the ground

## Optional Pre-attached Hinged Apron

- Pre-attached to the bottom line wire with a hinged joint, the apron is a 300mm section of fence laid on the ground, restricting penetration or digging under the fence
- Exclusion fencing without hinged aprons require the fencing to be forced onto the ground, placing unnecessary stress on your fence posts
- The hinged version is both faster to install and easier on the fence, giving it a longer service life
- Also referred to as a hinged footer



## Pre-stripped Roll

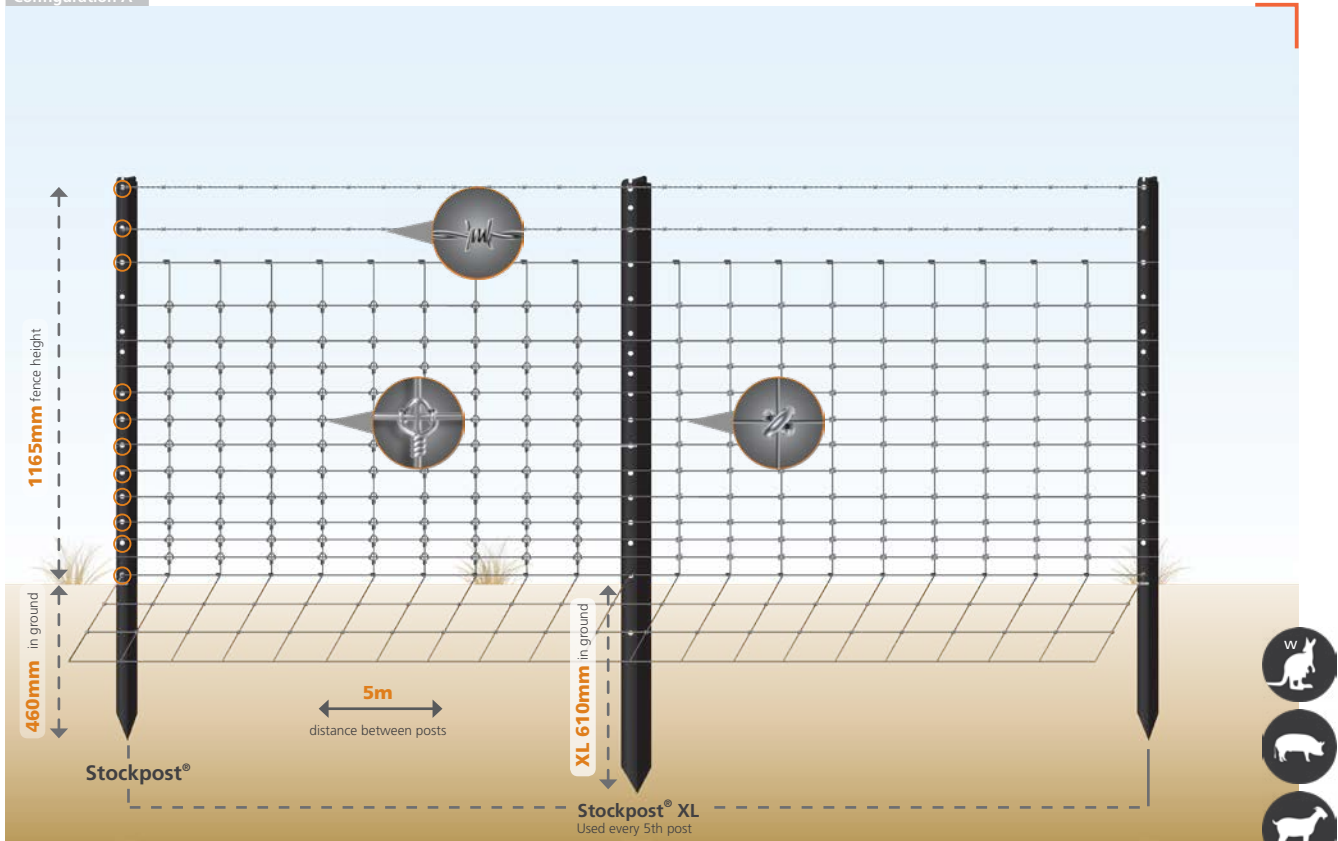
- Stiff Stay and Stiff Knot have the first and last two picket wires removed from every roll
- A convenient aid for faster installation around end assemblies - no need to strip picket wires

## Tension Crimps

- Stiff Stay and Stiff Knot line wires include tension crimps that provide a quick visual when judging the correct tension
- When the crimp is half flattened, the tension is generally sufficient; when no crimp can be seen, then the tension in the wire is too high and needs to be reduced

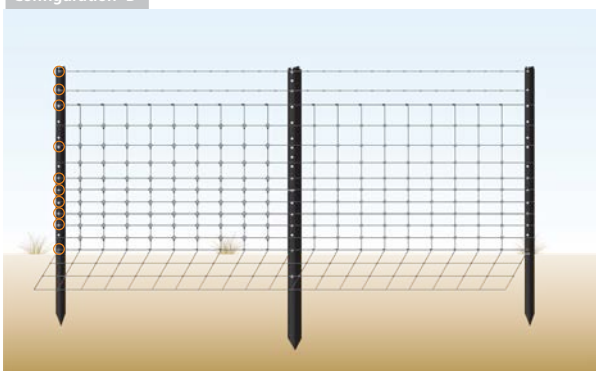
# 1165mm fence height

Configuration A



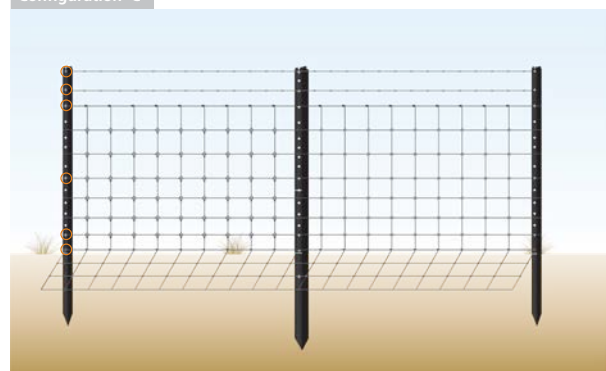
▶ 13 Line Wires 2 Barbed Wires

Configuration B




▶ 11 Line Wires 2 Barbed Wires

Configuration C



▶ 8 Line Wires 2 Barbed Wires

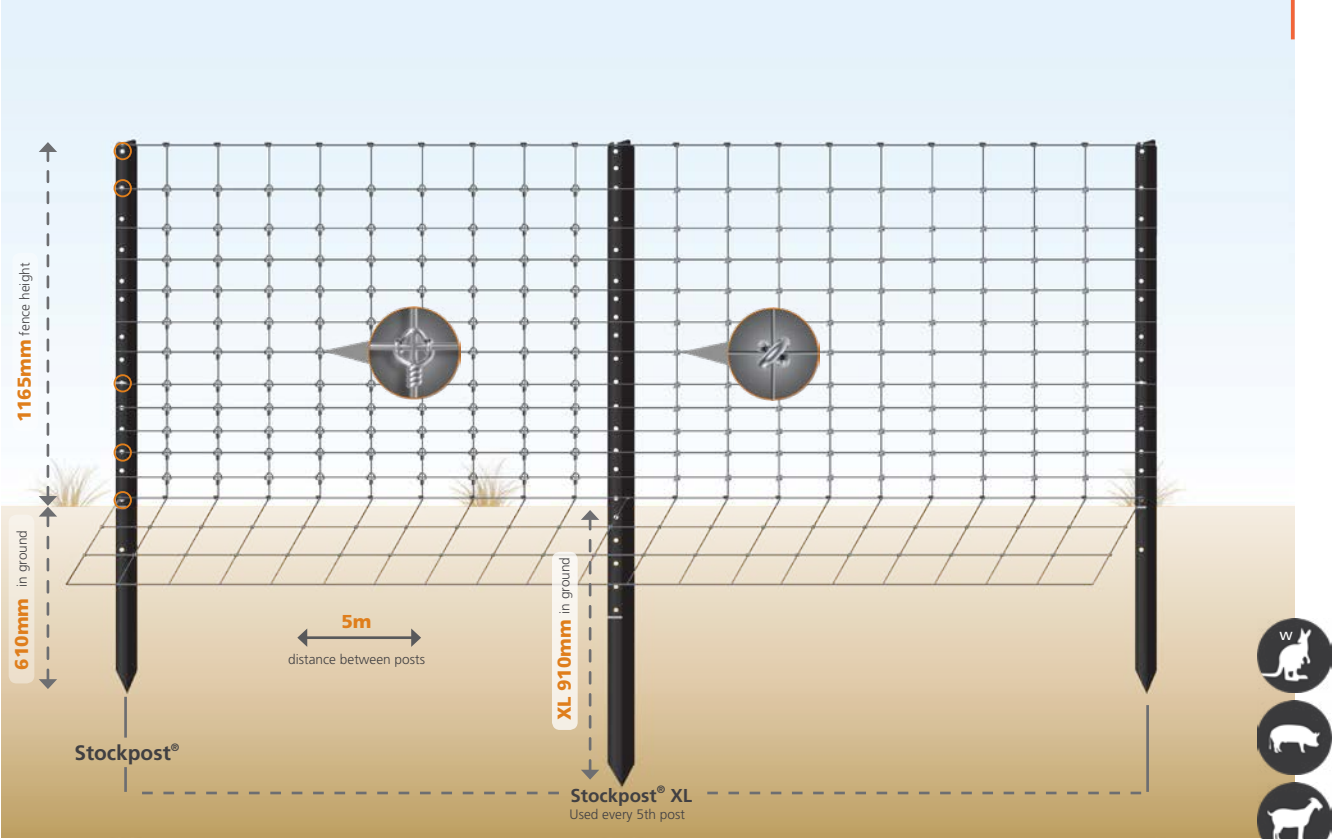
CONFIG	STIFF STAY	STIFF KNOT	OPTIONAL HINGED APRON	STOCKPOST	BARBED WIRE
A	13/90/15 x 100m	13/90/15 x 100m			
B*	11/90/15 x 100m	11/90/15 x 100m	3/30/15 *4/30/15	165cm XL 180cm	x 2 rows 1.80mm HT or 2.00mm HT
C	8/90/15 x 100m 8/90/15 x 250m	8/90/15 x 100m 8/90/15 x 200m			

\* The 11/90/15 with 4-line apron is a specialist fence used in Tasmania for the control of wallabies  
 Selvege wires can be used to help strengthen the fence  Indicates tie-off point  
 Refer to page 17 for full product listing and product codes



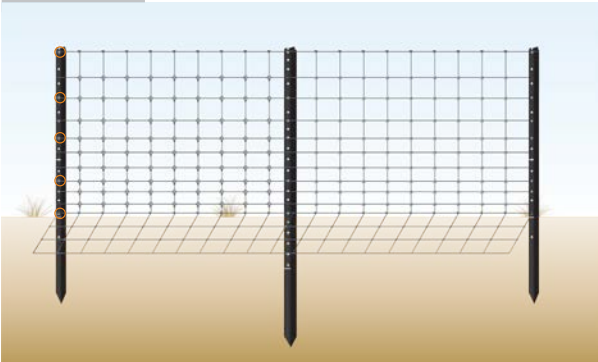
# 1165mm fence height

Configuration A



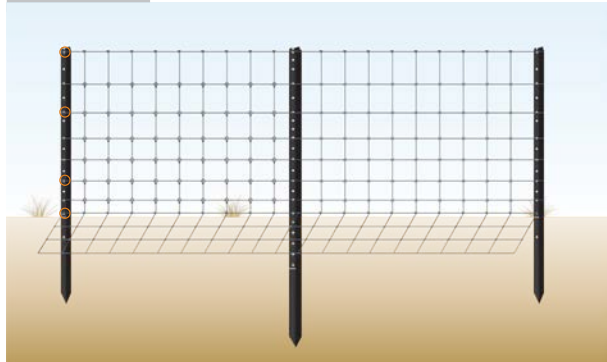
▶ 13 Line Wires

Configuration B



▶ 11 Line Wires

Configuration C



▶ 8 Line Wires

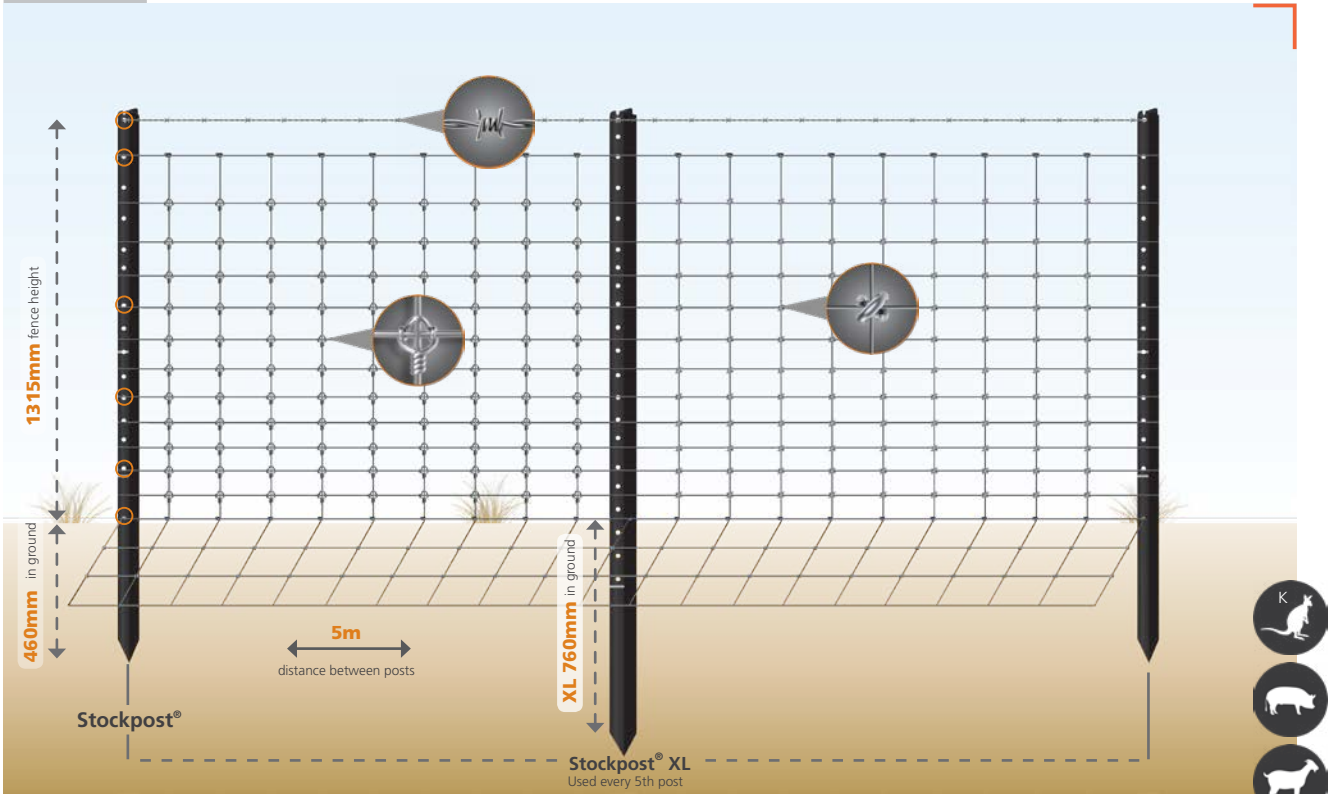
CONFIG	STIFF STAY	STIFF KNOT	OPTIONAL HINGED APRON	STOCKPOST	BARBED WIRE
A	13/115/15 x 100m 13/115/15 x 250m	13/115/15 x 100m 13/115/15 x 200m			
B	11/115/15 x 250m	11/115/15 x 200m	3/30/15	180cm XL 210cm	n/a
C	8/115/15 x 100m 8/115/15 x 250m	8/115/15 x 100m 8/115/15 x 200m			

Selvage wires can be used to help strengthen the fence  
Refer to page 17 for full product listing and product codes

○ Indicates tie-off point

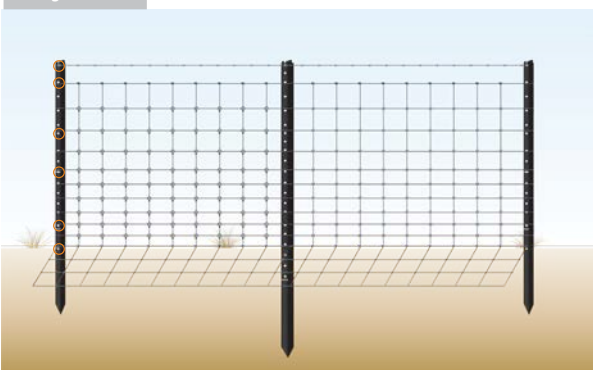
# 1315mm fence height

Configuration A



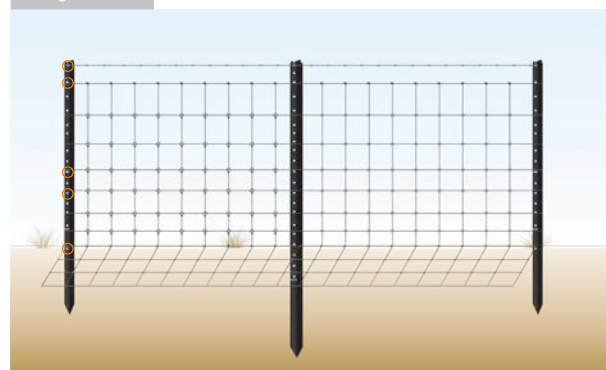
▶ 13 Line Wires 1 Barbed Wire

Configuration B



▶ 11 Line Wires 1 Barbed Wire

Configuration C



▶ 8 Line Wires 1 Barbed Wire

CONFIG	STIFF STAY	STIFF KNOT	OPTIONAL HINGED APRON	STOCKPOST	BARBED WIRE
A	13/115/15 x 100m 13/115/15 x 250m	13/115/15 x 100m 13/115/15 x 200m			
B	11/115/15 x 250m	11/115/15 x 200m	3/30/15	180cm XL 210cm	x 1 row 1.80mm HT or 2.00mm HT
C	8/115/15 x 100m 8/115/15 x 250m	8/115/15 x 100m 8/115/15 x 200m			

These fences use the extra hole below Stockpost's unique ground mark to provide additional fence height inclusive of one row of barbed wire

Selvage wires can be used to help strengthen the fence

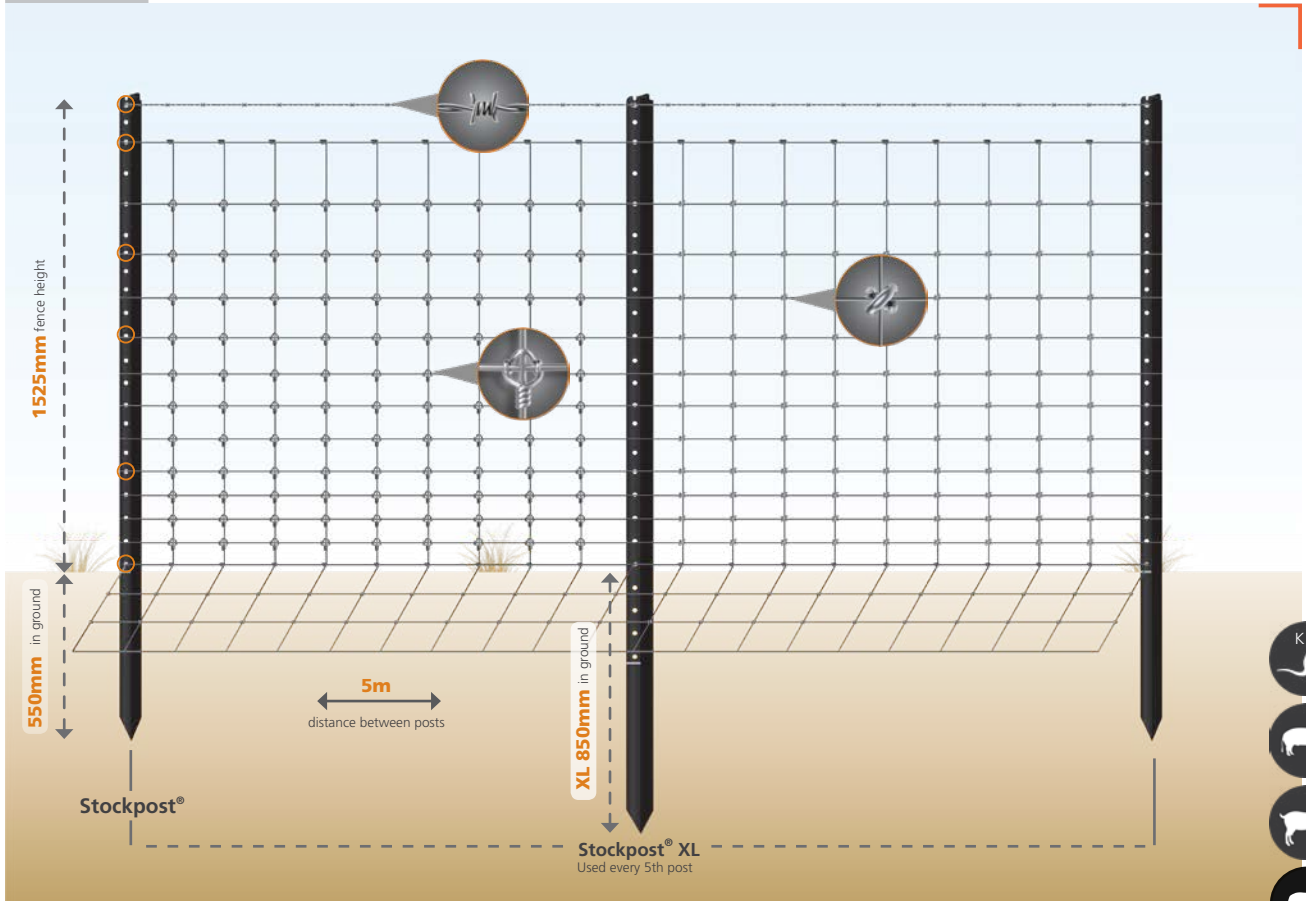
○ Indicates tie-off point

Refer to page 17 for full product listing and product codes



# 1525mm fence height

Configuration A



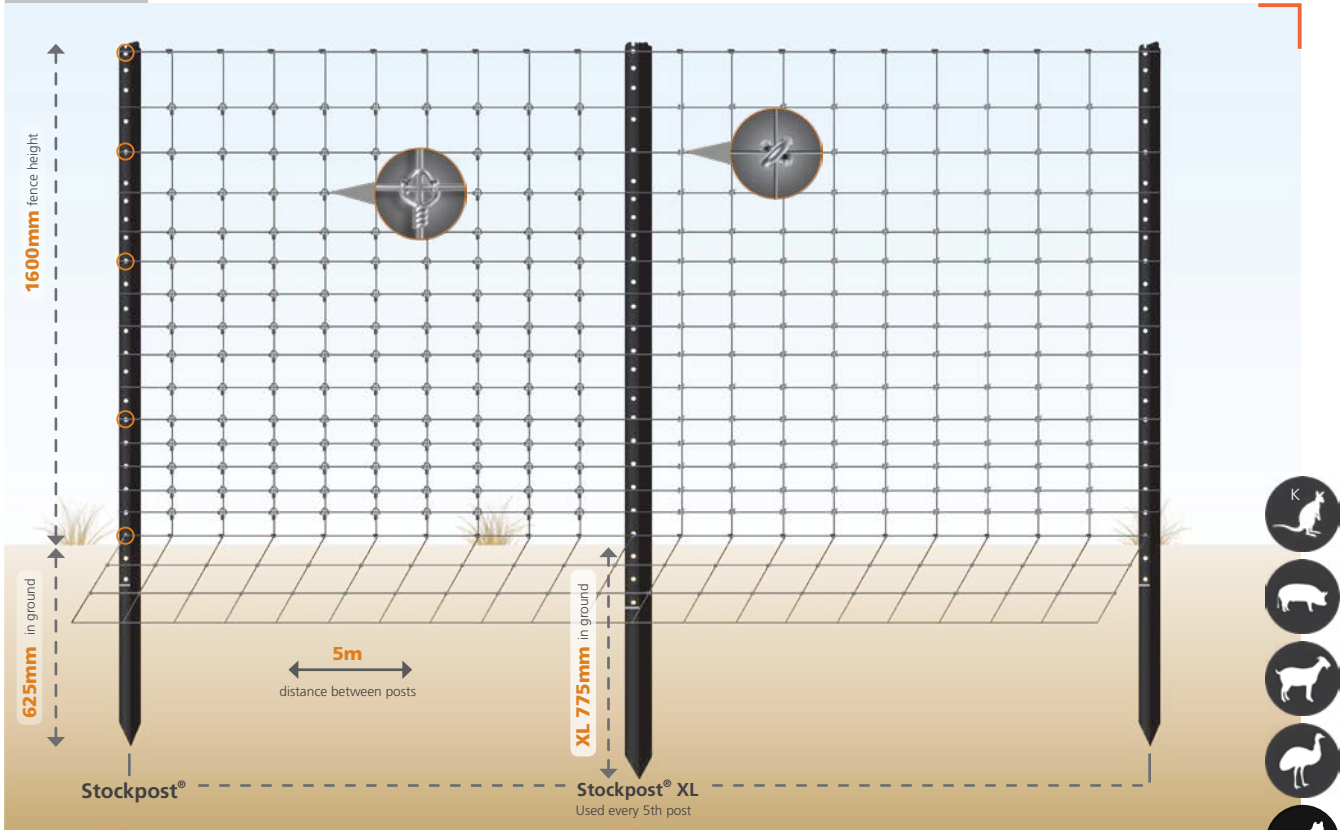
▶ 13 Line Wires 1 Barbed Wire

STIFF STAY	STIFF KNOT	OPTIONAL HINGED APRON	STOCKPOST	BARBED WIRE
13/137/15 x 100m 13/137/15 x 250m	13/137/15 x 100m 13/137/15 x 200m	3/30/15	210cm XL 240cm	x 1 row 1.80mm HT or 2.00mm HT

The 240cm XL post can be substituted for a 225cm XL post as a cost saving. ○ Indicates tie-off point  
 Selvage wires can be used to help strengthen the fence  
 Refer to page 17 for full product listing and product codes

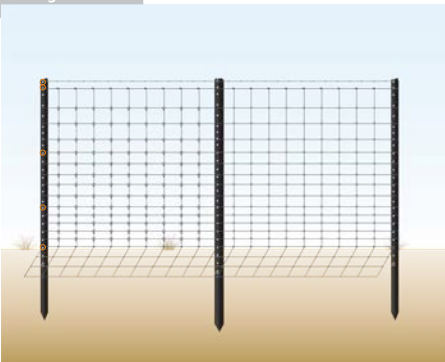
# 1600mm fence height

Configuration A



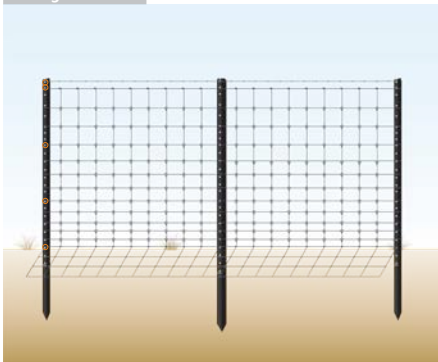
▶ 16 Line Wires

Configuration B



▶ 15 Line Wires 1 Barbed Wire

Configuration C



▶ 13 Line Wires 1 Barbed Wire

CONFIG	STIFF STAY	STIFF KNOT	OPTIONAL HINGED APRON	STOCKPOST	BARBED WIRE
A	16/160/15 x 250m	16/160/15 x 200m			n/a
B	15/150/15 x 100m 15/150/15 x 250m 15/150/15 x 500m*	15/150/15 x 100m 15/150/15 x 200m	3/30/15 *500m is supplied with apron only	225cm XL 240cm	x 1 row 1.80mm HT or 2.00mm HT
C		13/150/15 x 200m			

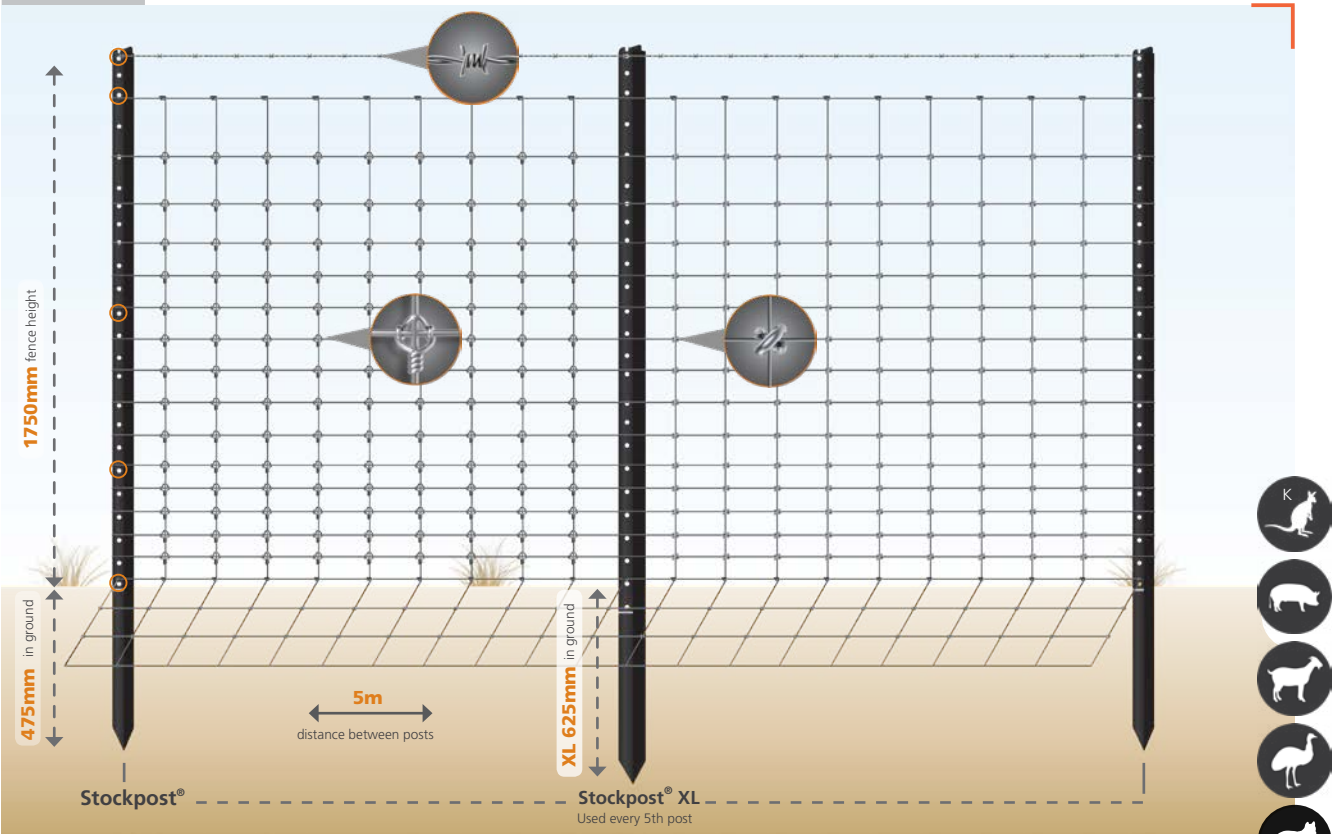
This fence is driven deeper into the ground (below the standard ground mark) to take into consideration less stable soil types  
 The 150cm roll width allows for 1 top row of barbed wire  
 Selvedge wires can be used to help strengthen the fence  
 Refer to page 17 for full product listing and product codes

○ Indicates tie-off point



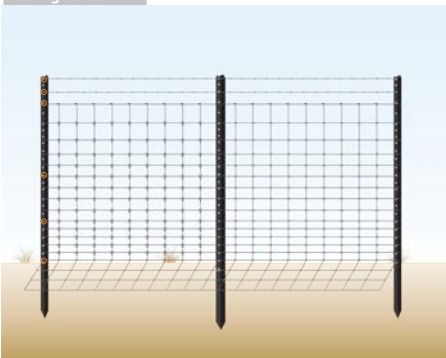
# 1750mm fence height

Configuration A



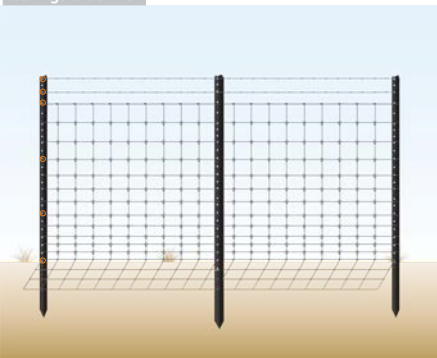
▶ 16 Line Wires 1 Barbed Wire

Configuration B



▶ 15 Line Wires 2 Barbed Wires

Configuration C



▶ 13 Line Wires 2 Barbed Wires

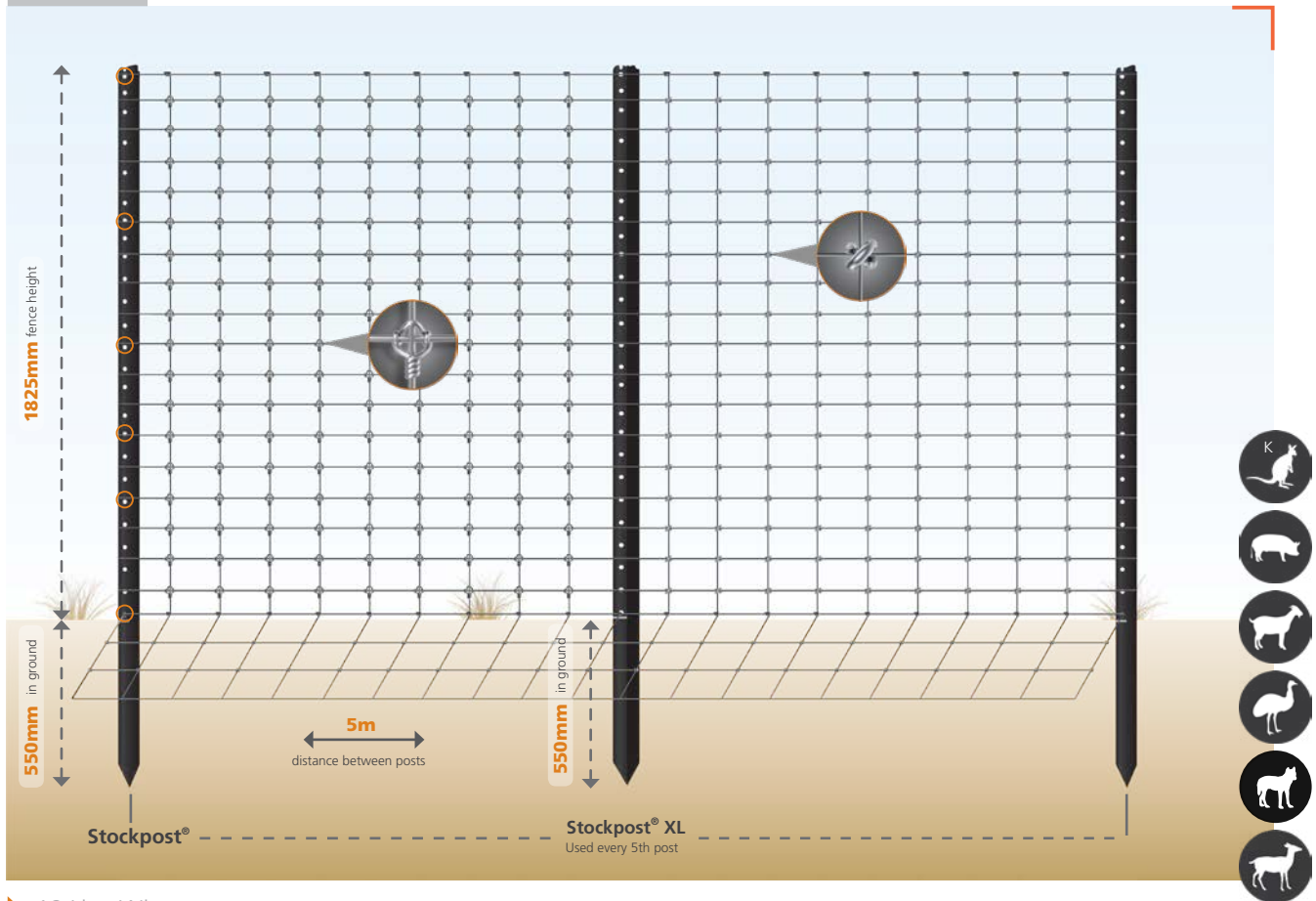
CONFIG	STIFF STAY	STIFF KNOT	OPTIONAL HINGED APRON	STOCKPOST	BARBED WIRE
A	16/160/15 x 250m	16/160/15 x 200m			x 1 row 1.80mm HT or 2.00mm HT
B	15/150/15 x 100m 15/150/15 x 250m 15/150/15 x 500m*	15/150/15 x 100m 15/150/15 x 200m	3/30/15 *500m is supplied with apron only	225cm XL 240cm	x 2 row 1.80mm HT or 2.00mm HT
C		13/150/15 x 200m			

The 150cm roll width allows for 2 top rows of barbed wire; the 160cm roll width allows for 1 top row of barbed wire  
 Selvedge wires can be used to help strengthen the fence  
 Refer to page 17 for full product listing and product codes

○ Indicates tie-off point

## 1825mm fence height

Configuration A



► 19 Line Wires

STIFF STAY	STIFF KNOT	OPTIONAL HINGED APRON	STOCKPOST	BARBED WIRE
19/180/15 x100m	19/180/15 x100m	3/30/15	240cm XL 240cm	n/a

Selvage wires can be used to help strengthen the fence  
 Refer to page 17 for full product listing and product codes

○ Indicates tie-off point

## Stiff Stay® Prefabricated Fencing

Code	Description
10238	Stiff Stay 8/90/15 100m HG
A0267	Stiff Stay 8/90/15 100m Apron HG
A0266	Stiff Stay 8/90/15 250m HG
A0268	Stiff Stay 8/90/15 250m Apron HG
10289	Stiff Stay 11/90/15 100m HG
10285	Stiff Stay 11/90/15 100m 4L Apron HG
10251	Stiff Stay 13/90/15 100m HG
10255	Stiff Stay 13/90/15 100m Apron HG
10239	Stiff Stay 8/115/15 100m HG
A0270	Stiff Stay 8/115/15 100m Apron HG
A0269	Stiff Stay 8/115/15 250m HG
A0271	Stiff Stay 8/115/15 250m Apron HG
A0390	Stiff Stay 11/115/15 250m Apron HG
10259	Stiff Stay 13/115/15 100m HG
A0273	Stiff Stay 13/115/15 100m Apron HG
A0272	Stiff Stay 13/115/15 250m HG
A0274	Stiff Stay 13/115/15 250m Apron HG
A0393	Stiff Stay 13/137/15 100m HG
A0391	Stiff Stay 13/137/15 100m Apron HG
A0394	Stiff Stay 13/137/15 250m HG
A0392	Stiff Stay 13/137/15 250m Apron HG
10260	Stiff Stay 15/150/15 100m HG
A0276	Stiff Stay 15/150/15 100m Apron HG
A0275	Stiff Stay 15/150/15 250m HG
A0277	Stiff Stay 15/150/15 250m Apron HG
A0278	Stiff Stay 15/150/15 500m Apron HG
A0395	Stiff Stay 16/160/15 250m Apron HG
A0279	Stiff Stay 19/180/15 100m HG

## Stockpost®

Code	Description
10804	135cm STOCKPOST (4'6") Black
10807	150cm STOCKPOST (5') Black
10805	165cm STOCKPOST (5'6") Black
10806	180cm STOCKPOST (6') Black
10809	210cm STOCKPOST (7') Black
10808	240cm STOCKPOST (8') Black
10814	135cm STOCKPOST (4'6") HDG
10815	165cm STOCKPOST (5'6") HDG
10816	180cm STOCKPOST (6') HDG
10819	210cm STOCKPOST (7') HDG
10818	240cm STOCKPOST (8') HDG
10801	165cm STOCKPOST UTE PACK (5'6") Black
10802	180cm STOCKPOST UTE PACK (6') Black
10803	225cm STOCKPOST UTE PACK (7'6") Black
10811	165cm STOCKPOST UTE PACK (5'6") HDG
10812	180cm STOCKPOST UTE PACK (6') HDG
10810	225cm STOCKPOST UTE PACK (7'6") HDG
10846	180cm STOCKPOST XL (6') Black
10849	210cm STOCKPOST XL (7') Black
10848	240cm STOCKPOST XL (8') Black
10856	180cm STOCKPOST XL (6') HDG
10859	210cm STOCKPOST XL (7') HDG
10858	240cm STOCKPOST XL (8') HDG

## Stiff Knot® Prefabricated Fencing

Code	Description
10338	Stiff Knot 8/90/15 100m HG
A0367	Stiff Knot 8/90/15 100m Apron HG
A0341	Stiff Knot 8/90/15 200m HG
A0368	Stiff Knot 8/90/15 200m Apron HG
A0389	Stiff Knot 11/90/15 100m HG
A0385	Stiff Knot 11/90/15 100m 4L Apron HG
A0351	Stiff Knot 13/90/15 100m HG
A0355	Stiff Knot 13/90/15 100m Apron HG
10339	Stiff Knot 8/115/15 100m HG
A0370	Stiff Knot 8/115/15 100m Apron HG
A0340	Stiff Knot 8/115/15 200m HG
A0371	Stiff Knot 8/115/15 200m Apron HG
A0372	Stiff Knot 11/115/15 200m Apron HG
10359	Stiff Knot 13/115/15 100m HG
A0373	Stiff Knot 13/115/15 100m Apron HG
A0358	Stiff Knot 13/115/15 200m HG
A0374	Stiff Knot 13/115/15 200m Apron HG
A0380	Stiff Knot 13/137/15 100m HG
A0378	Stiff Knot 13/137/15 100m Apron HG
A0383	Stiff Knot 13/137/15 200m HG
A0379	Stiff Knot 13/137/15 200m Apron HG
A0386	Stiff Knot 13/150/15 200m Apron HG
10360	Stiff Knot 15/150/15 100m HG
A0376	Stiff Knot 15/150/15 100m Apron HG
A0361	Stiff Knot 15/150/15 200m HG
A0377	Stiff Knot 15/150/15 200m Apron HG
A0363	Stiff Knot 16/160/15 200m Apron HG
A0365	Stiff Knot 19/180/15 100m HG

## Barbed Wire Aprons

Code	Description
A0247	Stiff Stay 4/30/15 100m HG
A0310	Hinged Joint 6/51/15 100m HG

Code	Description
10100	2.00mm High Tensile 500m HG
10101	1.80mm High Tensile 500m HG





# Wire and Joiners

## Barbed Wire

**W**hites Rural Barbed Wire is made to the highest standards, exclusively from Frauenfelder's Albury plant in regional Australia, using premium grade wire.

Produced on new machines, which are the latest and highest tolerance barbed wire machines available today, the barbs are tightly twisted to prevent them from slipping out of position. All barbed wires are supplied rolled on hardwood timber reels.

### High Tensile Barbed Wire

Reverse twist style for optimum strength and tensioning.



## Plain Wire

**W**hites Rural Heavily Galvanised and Standard Galvanised rural fence wires are made to the highest standards, exclusively from Frauenfelder's Albury plant in regional Australia, using premium grade wire.

### Heavily Galvanised

Heavily Galvanised to last up to four times longer than standard galvanising. The wire is recoiled on new machines to provide smooth & tangle free delivery off the wire spinner, saving contractors and farmers expensive down time. Produced on the latest, highest tolerance recoilers to electronically deliver full and accurate details for each coil of wire.



## Max Tensor

**E**xclusively patented system, *MaxTensor's* all metal construction is designed for maximum quality, reliability and ease of use when joining and tensioning wire.

Ergonomically designed for effortless practicality and long lasting performance, *MaxTensor* makes joining, straining and repairing fences easier.

With millions sold globally, *MaxTensor's* patented system is industry tested and proven against the best the world has to offer. Made in the EU to strict specifications.



# Gates and Tools

## Feral Gates

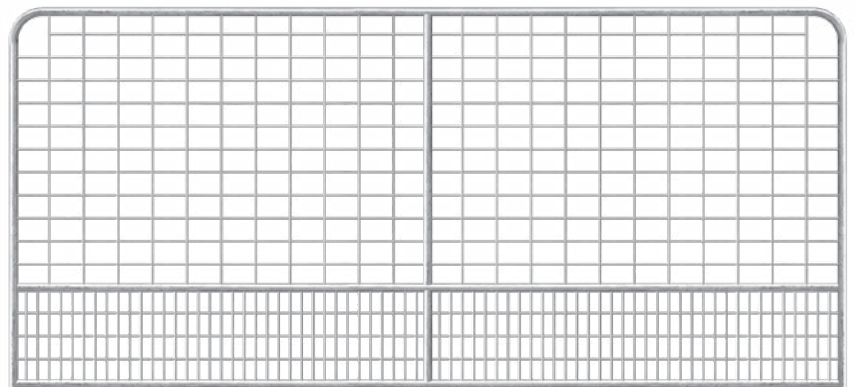
Whites Rural Feral 'I' Stay Farm Gates are designed to keep stock safe by preventing predators with an increased overall height of 1660mm and tighter mesh spacings along the base. Made in Albury, Australia.

Feral Farm Gates feature:

- 1660mm overall height
- 50mm horizontal x 100mm vertical aperture along base
- 25NB high tensile pipe frame and brace
- 150mm horizontal x 100mm vertical aperture top
- 5mm pre-galvanised wire mesh
- Hot-dipped galvanised pipe to Australian Standards
- Available in 12ft and 14ft



13012  
13014



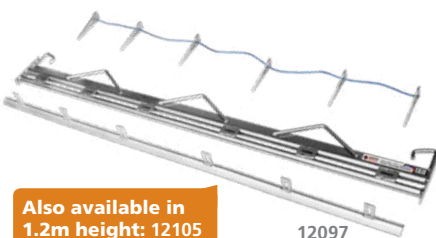
## Fencing Tools

Whites Rural Contractor Grade range of tools and accessories are made extra tough and designed for high volume fencers.

### Fabricated Farm Fencing Strainers

Used with a chain strainer, it allows for easy straining and installation of fabricated farm fencing.

- Secure clamping with 6 wedged pegs
- 3 straining points for even tensioning
- 1.6 metre height



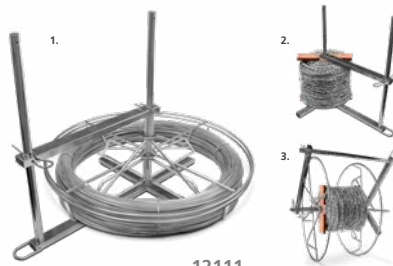
Also available in  
1.2m height: 12105

12097

### Three-Way Wire Spinner

Heavy Duty Three-Way Wire Spinner for smooth payout of plain & barbed wire.

- Zinc-plated
- Heavy duty steel construction



12111

### Contractor Post Lifter

Heavy duty construction and strong reliable lever action.

- Hot-dipped galvanised steel
- Hardened steel jaws



12207

### Genuine Knipex® Quality

Whites Rural distributes Knipex Professional Wire Cutting Pliers in Australia.

- Made in Germany
- Heat-treated Cr-V steel
- Tough cutting edge
- Comfortable ergonomic design

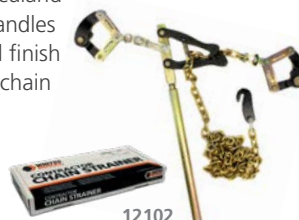


12001

### Chain Strainer

Removable tool for fence straining, the smooth grip jaws hold all common sizes of fence wire while minimising wire damage.

- Made in New Zealand
- Rugged steel handles
- Gold passivated finish
- 1.8 metre long chain



12102

### Contractor Post Drivers

Available in two sizes to suit standard posts and larger intermediate posts.

- Reinforced fully welded handles
- Balanced handles and head reduce strain
- Anti-vibration collar



12205

12203





 **40** Years 

*Australian Family Owned*



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