

DAIRY & BEEF CATTLE

Electric Fence Systems



The Gallagher Story



Welcome to Gallagher electric fencing.

My father pioneered the first Gallagher electric fencing system way back in the 1930's and that spirit still drives us today as we promise to create solutions that make farming life easier, more efficient, productive and profitable. It's decades of field expertise around the world that sets us apart, we're constantly talking to customers every day and feeding that back into our extensive Research & Development team.

This brochure has been designed to help you find the right electric fencing solution to meet your needs but if you don't find what you're looking for then please speak to one of the friendly store staff or call one of the Gallagher team direct. We love to hear from our customers and will be only too happy to find a system that meets your needs.

Best regards,

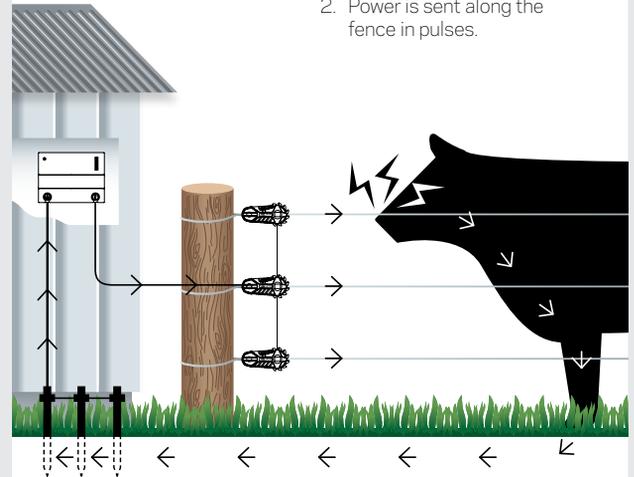
Sir William Gallagher

How Electric Fencing Works

A short, safe and memorable shock to create a psychological as well as a physical barrier.

1. Energizer (power) is connected to the fence and the ground.

2. Power is sent along the fence in pulses.



3. Animal receives shock when it touches the fence.

SAFE

Animals remember the shock and develop a respect for the fence

DURABLE

Stock pressure on your fence is reduced so it lasts longer

EASY TO INSTALL

Less than half the time to build vs a non-electric fence

ECONOMICAL

Costs less to build and maintain than a non-electric fence

Your step by step guide to constructing the right fence.

START HERE...

Step 1

Choose your FENCE TYPE



Step 2

pg. 6-11

Select your PRODUCTS



Step 3

pg. 12

Locate your products on the GALLAGHER SHELF



Step 4

Choose your ENERGIZER using the Power Brochure

CHOOSE YOUR FENCE TYPE

Will you need to move your fence?

YES →

PORTABLE

Striped Turbo Braid

Lifespan Skill Level Required

<5 YEARS



pg.6



NO ↓

Is there already a fence line?

YES →

PERMANENT

Offset/Retrofit (Wire)

Lifespan Skill Level Required

10++ YEARS



pg.8



NO →

High Tensile (3 Wire)

Lifespan Skill Level Required

10++ YEARS



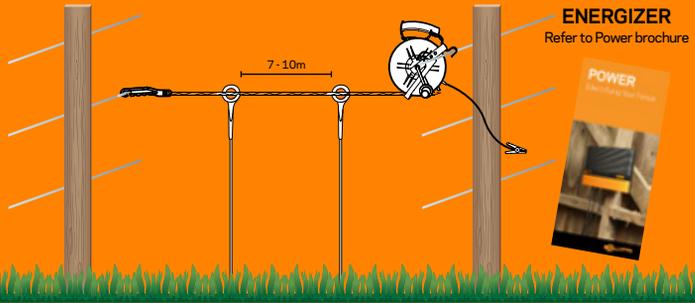
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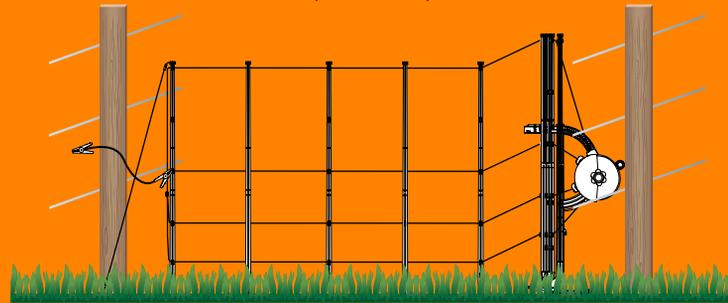
Step 2 - Portable

Portable electric fences are easy to transport, assemble and take down allowing flexible fencing for short-term animal control or rotational grazing.

Single Wire Option



Multi Wire Option (Smart Fence)



CONSTRUCT

GALLAGHER RECOMMENDED SYSTEM,

FOR ALTERNATIVE PRODUCTS PLEASE SEE INSTORE.



INSULATED HANDLE
G60630
(Comes with reel)



RING TOP POST (850MM)
G72313
x10 per 100m of fence



SMART FENCE 2
G70000
x 1 per 100m of fence
(includes 4 wires, 10 posts, 100m length)



CONDUCT



GEARED REEL
G61151
(With 400m Striped Turbo Braid)



SINGLE REEL LEAD CONNECTOR
G63400

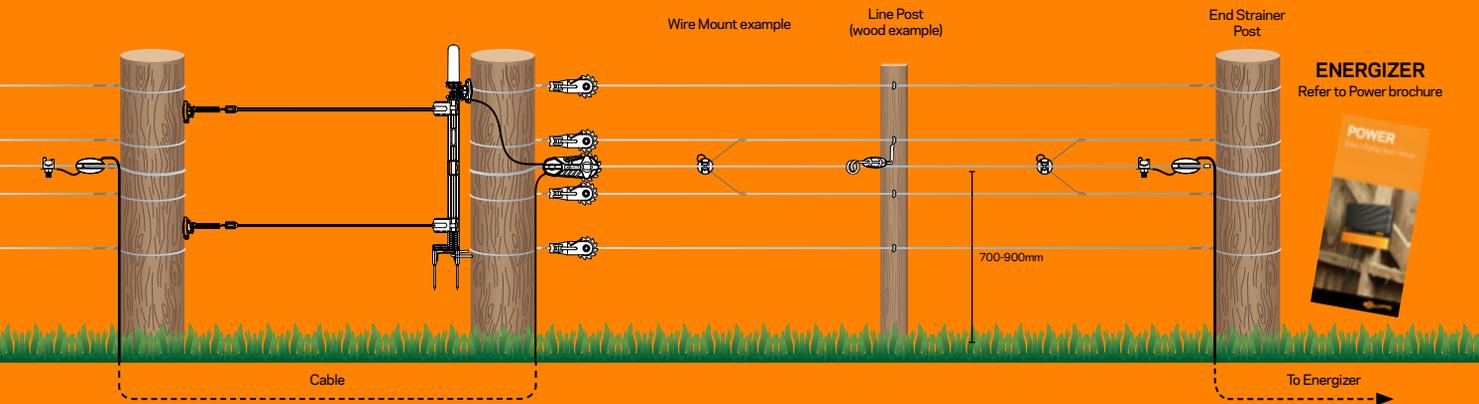


2.5MM STRIPED TURBO BRAID
G62184
(To replace reel braid when required.)



Step 2 - Offset/Retrofit (Wire)

Offset retrofit electric fencing is used to protect and extend the life of conventional fencing.



CONSTRUCT

GALLAGHER RECOMMENDED SYSTEM, FOR ALTERNATIVE PRODUCTS PLEASE SEE INSTORE.



L JOINT CLAMP
G60304
x 2 per strain*



INSULATED END STRAINER
G74313
x 1 per strain*



WIRE MOUNT PINLOCK OFFSET WIRE
G65903
x 10-15 per 100m of fence



HIGH STRAIN INSULATOR
G67812
x 1 per strain*



TWO STRAND ELECTRIC TAPE GATE
G71802



WOOD POST LIVE TIP OFFSET - 160MM
SG204
x 10 per 100m of fence

CONDUCT

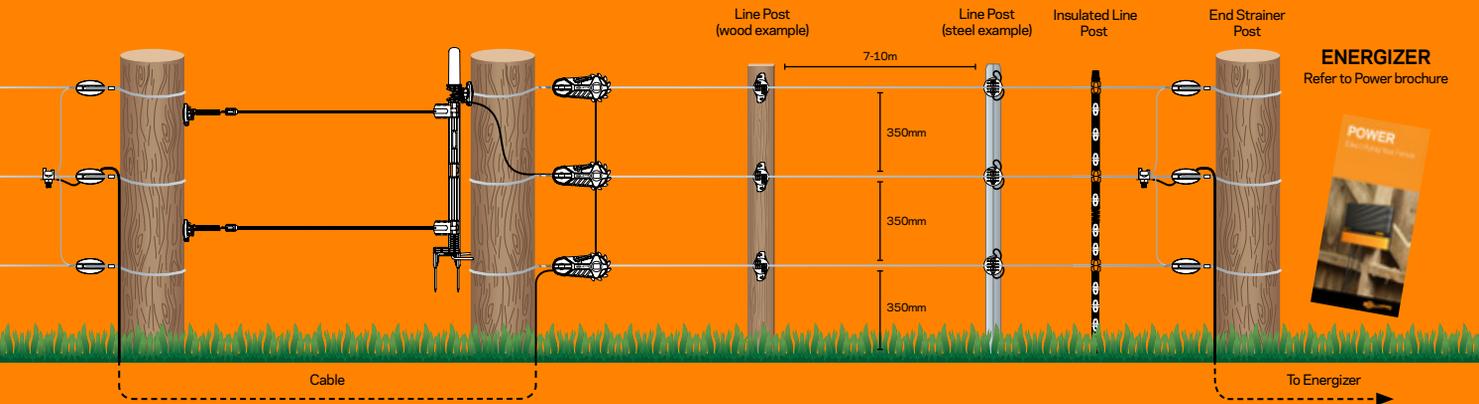


HIGH CONDUCTIVE CABLE
G62793
x 8m per gate
4 x more conductive

* A continuous length of fence between two end strainer posts.

Step 2 - High Tensile (3 Wire)

High tension systems are long life, permanent electric fences. They're easy to install and operate, and last more than 10 years.



CONSTRUCT

GALLAGHER RECOMMENDED SYSTEM, FOR ALTERNATIVE PRODUCTS PLEASE SEE INSTORE.



L JOINT CLAMP
G60304
x 2 per strain*



INSULATED END STRAINER
G74313
x 1 per strain*



WOOD POST CLAW INSULATOR
G67304
x 3 per line post



STEEL POST PINLOCK INSULATOR
G68604
x 3 per line post



HIGH STRAIN INSULATOR
G67812
x 1 per strain*



TWO STRAND ELECTRIC TAPE GATE
G71802

INSULATED LINE POST
950mm G74203
1140mm G74213

INSULATED LINE POST CLIP
G74434
x 3 per line post

CONDUCT

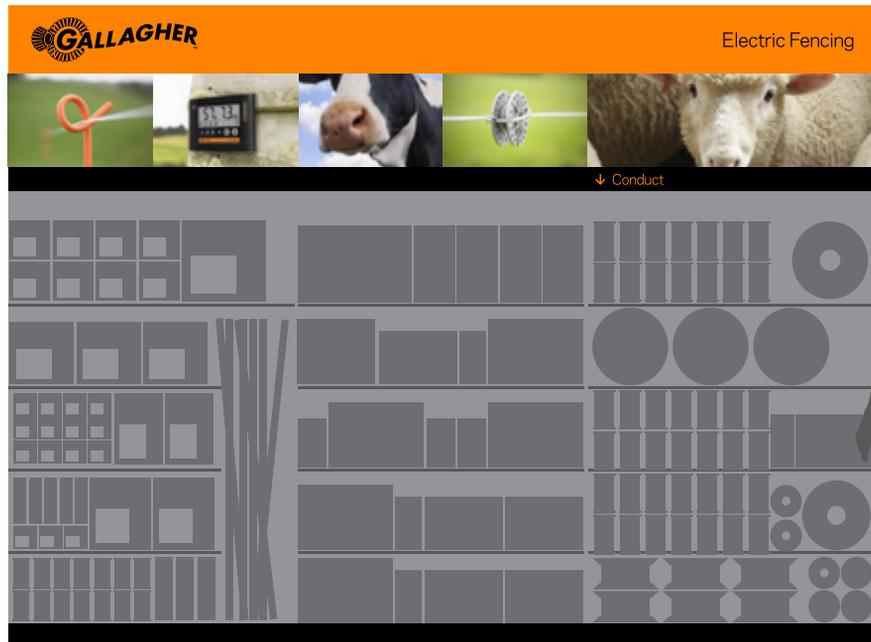


HIGH CONDUCTIVE CABLE
G62793
x 8m per gate
4 x more conductive

* A continuous length of fence between two end strainer posts.

Step 3 - Locate your products on the GALLAGHER SHELF

Products are divided into three sections, **Power, Construct and Conduct** to help you find your system quickly and easily.



Power

Products that supply power to your electric fence.

Construct

Various products required to build your fence.

Conduct

Fence wire and connecting cable products to carry the power.

Step 4 - Choose your ENERGIZER

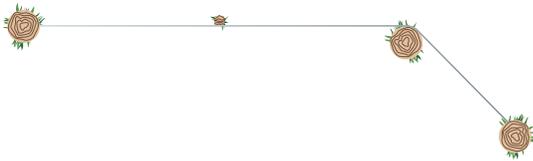


Basic Permanent Electric Fence Installation Guide

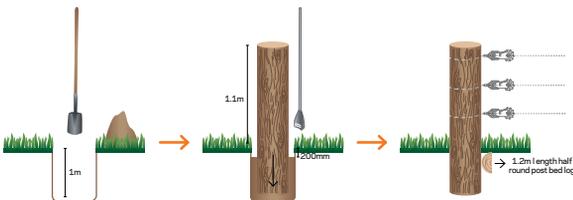
For more detail, including Offset/Retrofit and Portable please refer to Power Fence Systems manuals or visit website www.gallagher.co



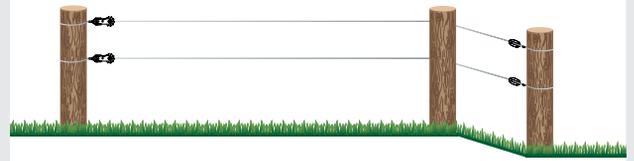
- 1** Planning – draw it out, avoid rough, stony or steep areas if possible.



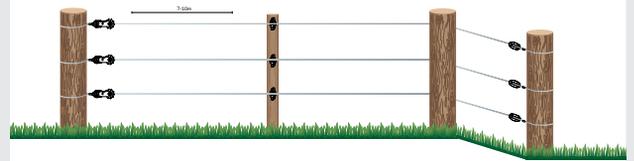
- 2** Install the end strainer posts and the corner posts.



- 3** Install two wires as guides.*



- 4** Install the line posts 7-10m apart. Install insulators* and fit remaining wires.



* Refer to back of packaging.

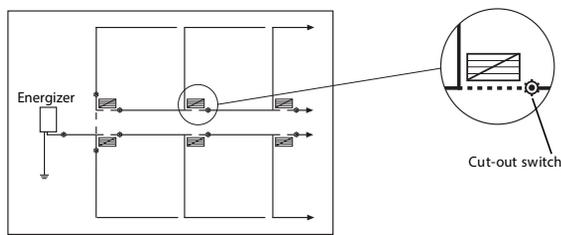
Hot tips to make your fence safe and reliable.

Planning

Plan the number of paddocks to allow for controlled, rotational grazing.

Make a laneway down the centre to enable easy stock checking and movements.

Try to make paddocks as square as possible for even grazing and preventing footpaths.



Earthing

Setting up a good earthing system is often overlooked but it's a **critical** part of your electric fence system, as important as the wires and even the Energizer.

It's how the power flows from the energizer, to the fence, through the animal and back through the ground to the energizer. Without good clean earth rods in sufficient size and number the ground connection doesn't work and the shock will not reach the animal.

Please refer to the Power brochure for how to set up the right earth system for your electric fence.



Quick and Easy Fault Finding / Fixing

A **Fence Fault Finder** is an invaluable tool for locating shorts on the electric fence.



Use a **Cut Out Switch** to turn off power to sections of fence for isolating faults and making repairs.



Protect Your Energizer

Attaching a **Lightening Diverter** to your system helps prevent Energizer damage during lightning strikes.



Safety

On fences next to public access ways, **Warning Signs** must be fitted to the fence.



In areas where there is likelihood of small children unaware of electric fencing, Gallagher recommends use of a small energizer (less than 0.5 Stored Joules) or connecting that section of fence through an **Energy Limiter**.



Mains Energizer Selection Chart



ENERGIZER STORED JOULES HECTARES/ACRES

LARGE 120+ HECTARES



M10,000i
G37911

100

400/1000



M5800i
G30811

58

240/600

MEDIUM 24-120 HECTARES



MB2800i
G31501

28

120/300



MB1800i
G31500

18

75/190



MB1000i
G30100

11

40/100

SMALL 0-60 HECTARES



M600
G38111

6

24/60



M300
G38011

3

12/30



M150
G32810

1.5

6/16



M120
G33311

1.2

4/10

Battery and Solar Energizer Chart



ENERGIZER STORED JOULES HECTARES/ACRES

SMALL 0-15 HECTARES



B280
G36600

2.8

15/40



B180
G36640

1.8

10/25

SMALL 0-15 HECTARES



B300
G39400

2.6

15/40



B200
G39300

1.45

10/25



B40
G38610

0.4

2/5



B11
G35310
G35311 (with stand)

0.11

0.5/1.3

SMALL 0-15 HECTARES



S200
G36010

2

8/20



S100
G34112

1

4/10



S40
G34110

0.4

2/5



S20
G34112

0.2

1.2/3



S10
G34110

0.1

0.5/1.3



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SKETCH YOUR FENCE SETUP /
MAKE NOTES HERE