



AG-fit[®]

Modular Cattle Housing Solution



AG-fit[®] Modular Cattle Housing Equipment

The AG-fit range is a modular off-the-shelf solution for all your cattle housing requirements, which is primarily designed for loose housing, but is also suitable for a wide variety of other applications.

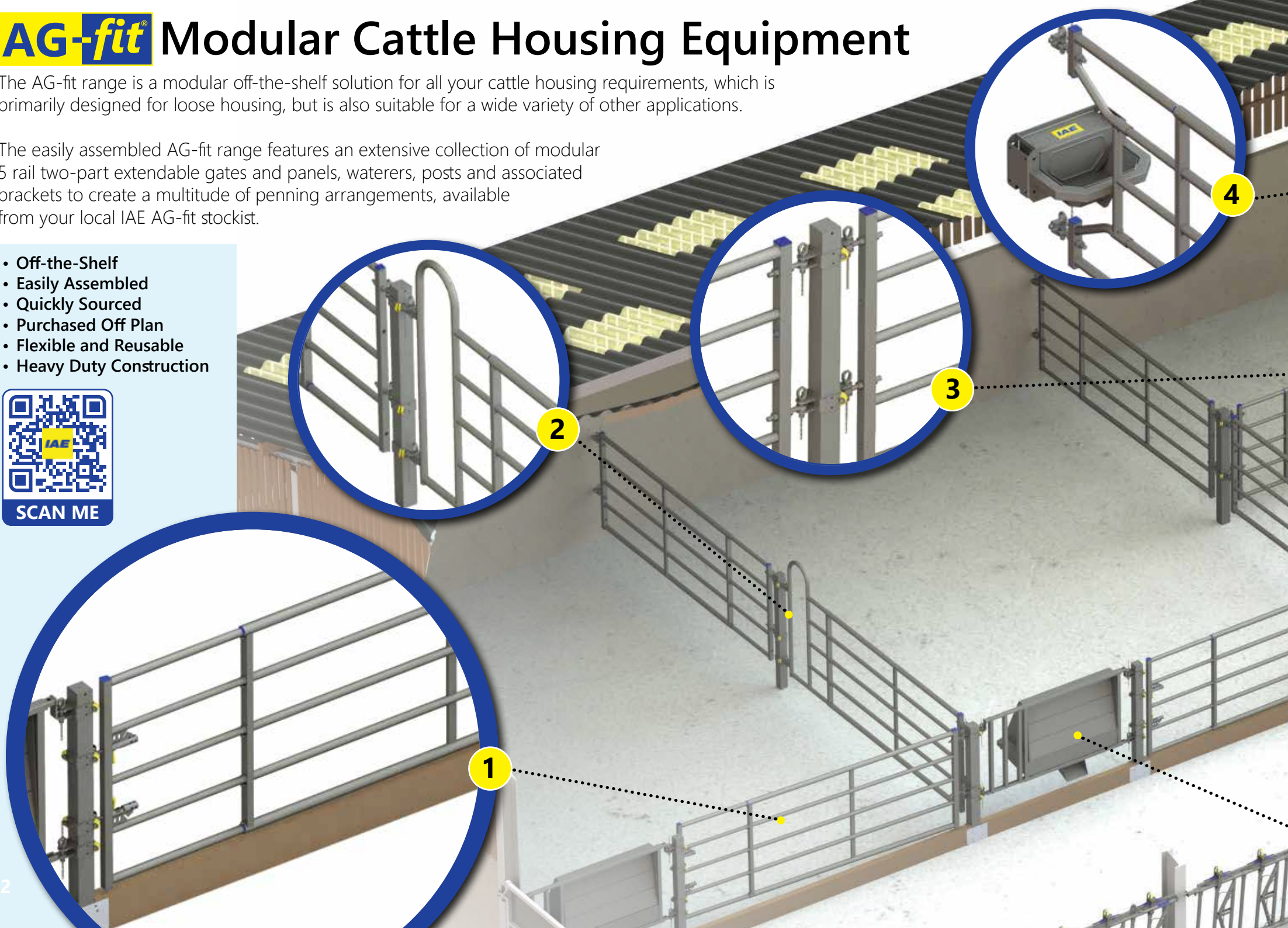
The easily assembled AG-fit range features an extensive collection of modular 5 rail two-part extendable gates and panels, waterers, posts and associated brackets to create a multitude of penning arrangements, available from your local IAE AG-fit stockist.

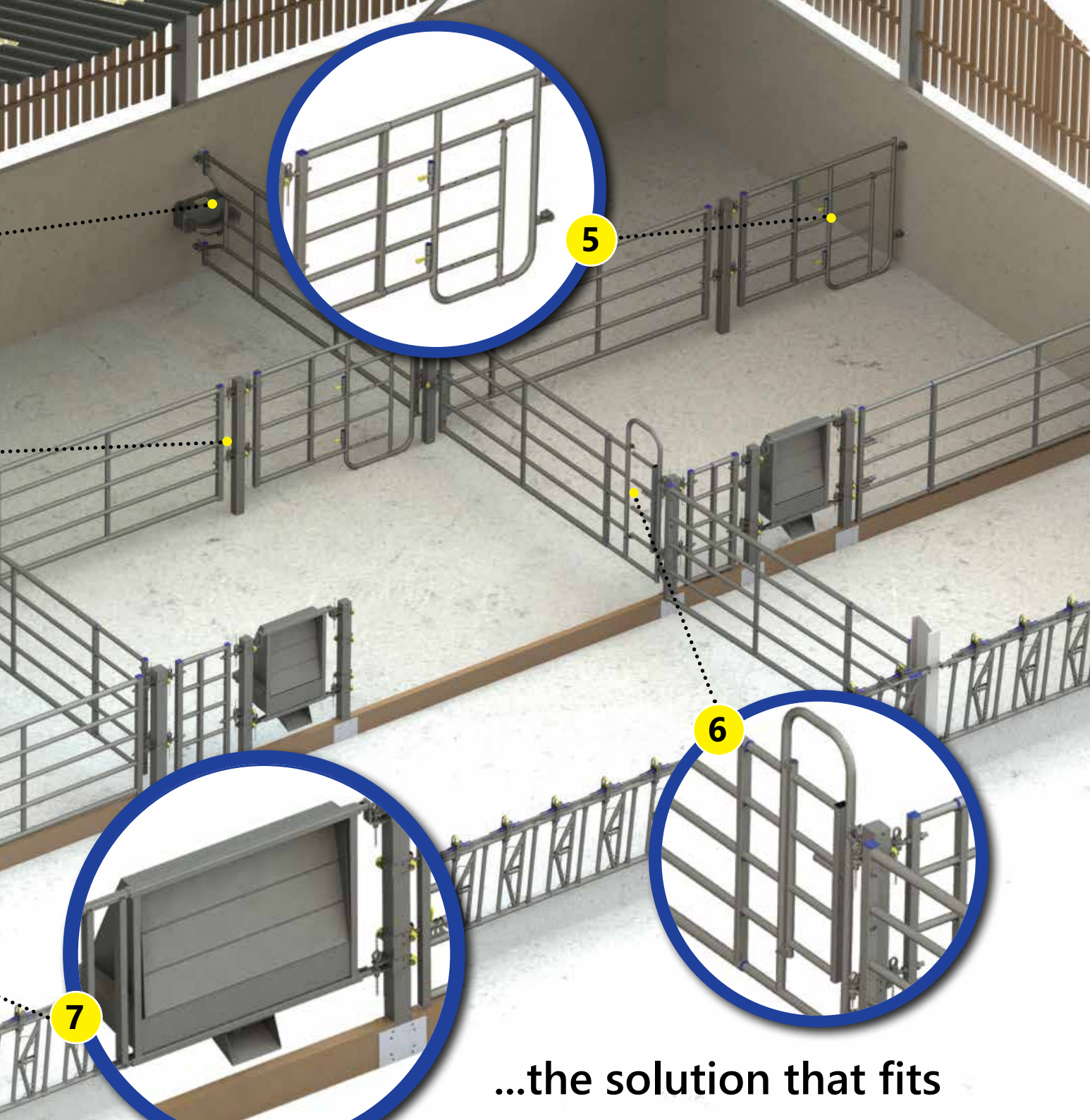
- Off-the-Shelf
- Easily Assembled
- Quickly Sourced
- Purchased Off Plan
- Flexible and Reusable
- Heavy Duty Construction



2

2





- 1** AG-5 gate is an innovative high specification yard gate that features 2 x padlockable spring bolts, chain hooks and 305mm rise built in as standard.
- 2** Squeeze Gap Panel allows passage between pens holding small animals. (See p.8).
- 3** Clamp on Post brackets make for easy, off the shelf gate and panel mounting with no drilling required. A wide variety of brackets are available to suit all needs.
- 4** A selection of panel ends to suit Universal Drinkers (pictured), water bowls or water troughs in shared pens are available. (See pp.10-11).
- 5** Calf Creep Insert Panel is adjustable for width, allowing smaller animals access to designated pens.
- 6** Passage Gate Panel allows passage between pens holding small animals. (See p.8).
- 7** The VisorDrink® is an all-in-one quick empty trough that is designed for easy drinking access but also to preserve water quality by shielding from blown straw and muck.

Water is easily accessed by nudging the tough but light hinged visor and the sturdy body prevents access from the bedded area with no additional shroud or cover required.

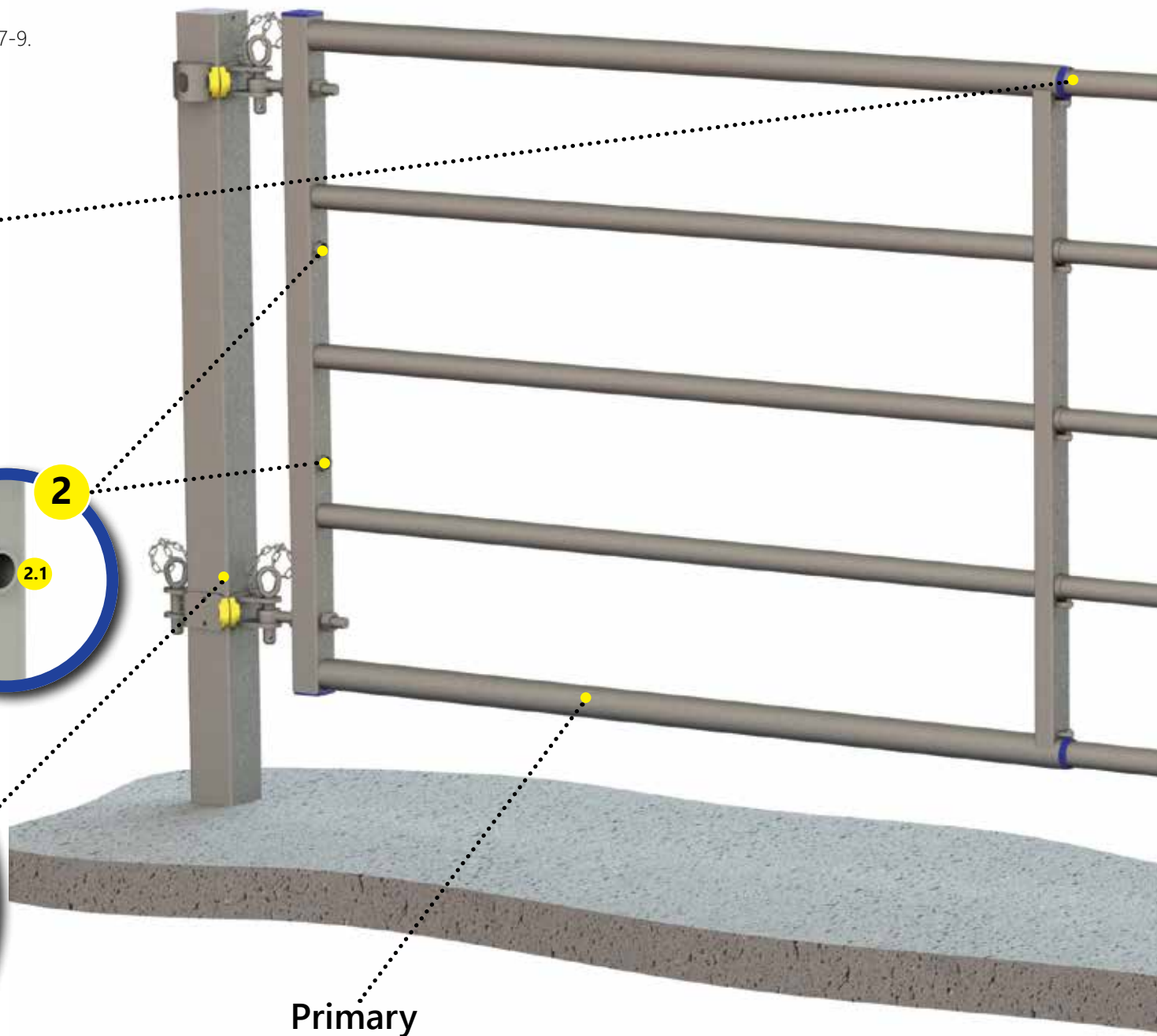
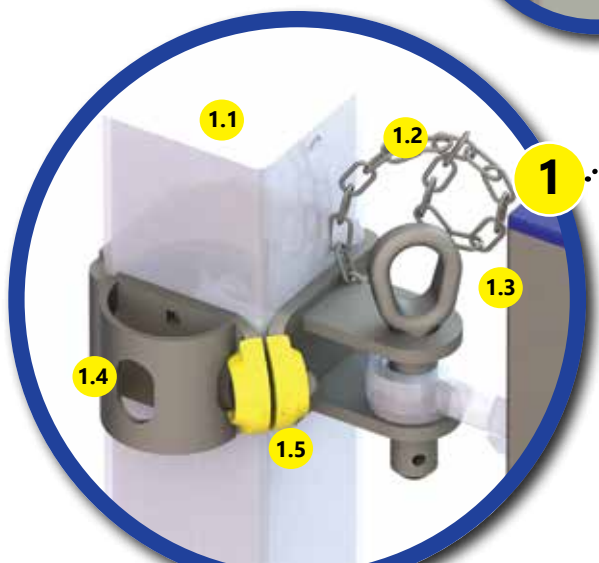
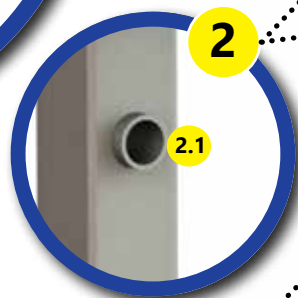
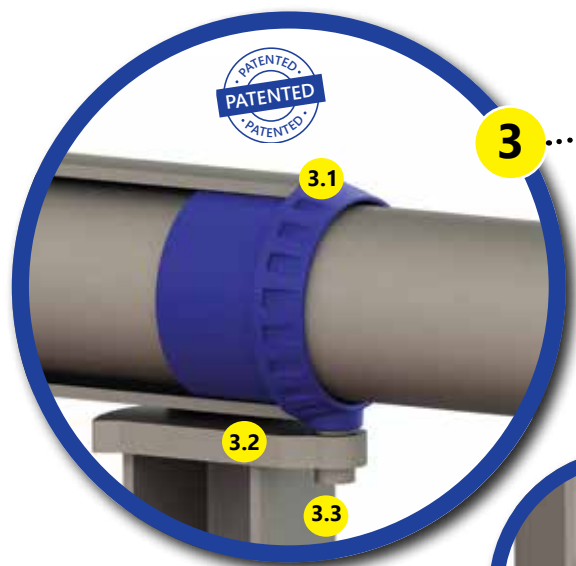
A large diameter quick empty valve enables quick drainage and cleaning, and the high flow float valve ensures a ready supply of fresh water. Telescopic mounting to post brackets fits a variety of gaps.

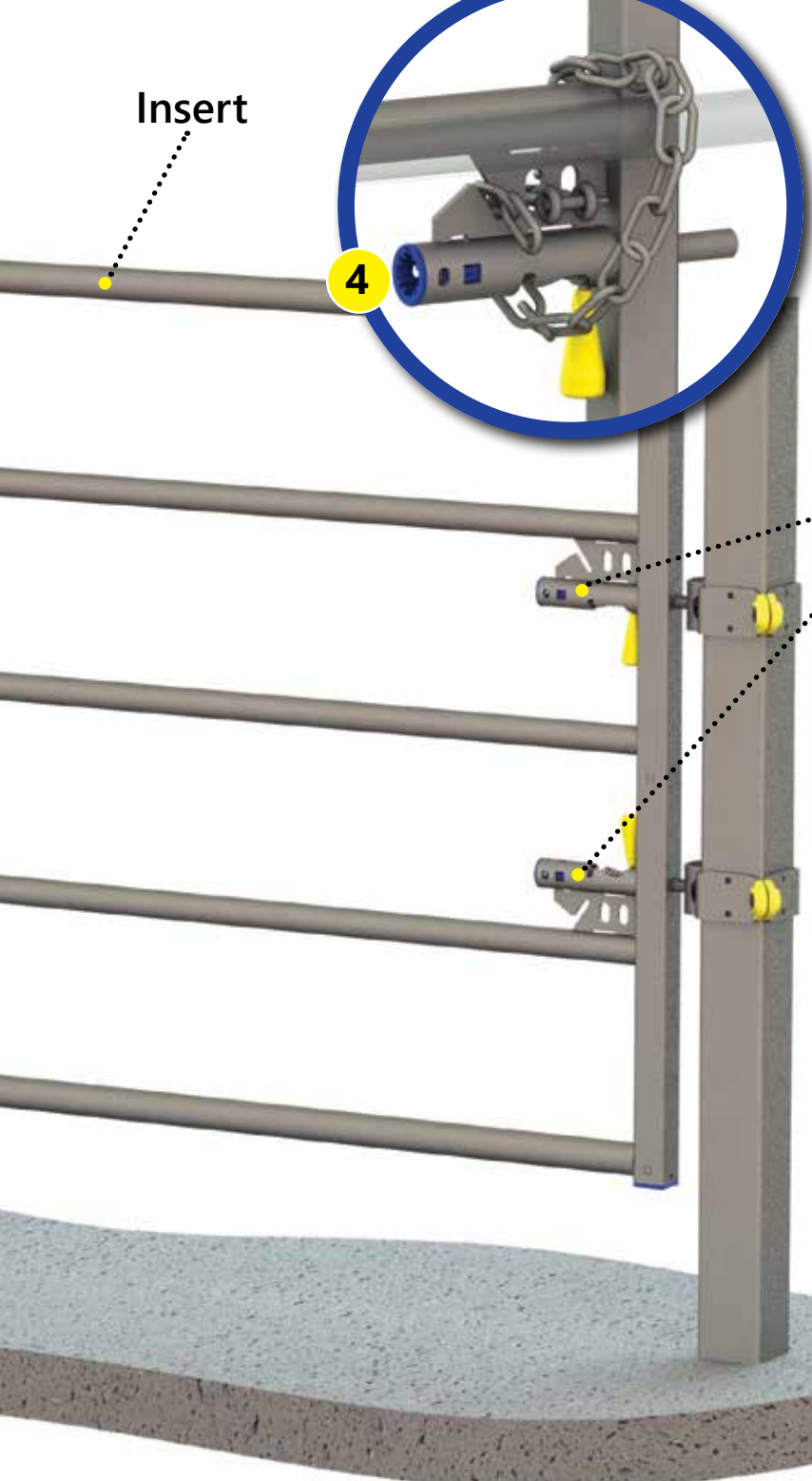


...the solution that fits

The AG-fit gate comprises of two parts, the Primary and the Insert, which assemble telescopically to create the desired length gate or panel. They are not designed to be variable length when in use.

A variety of different length Primary and Insert panels are combined to create the gate length of choice, see pp.6-7. A variety of different panel ends are also available, see pp.7-9.



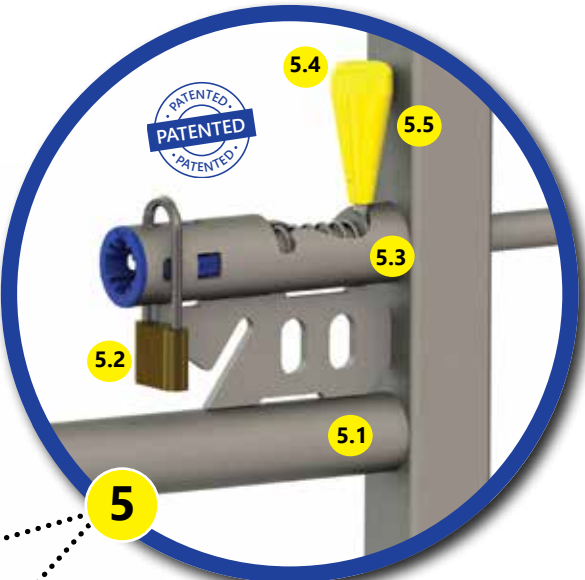


Insert

4

5

6



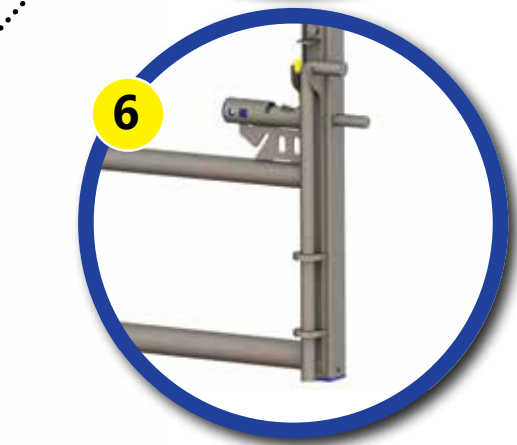
5.2

5.4

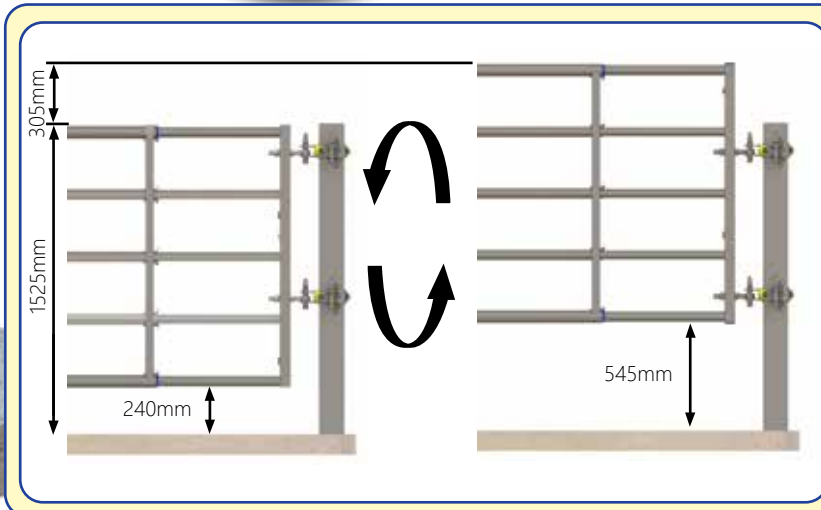
5.5

5.3

5.1



- 1 1.1 Welded post caps.
1.2 Chain prevents hinge pin loss.
1.3 Specially designed forged hinge pin.
1.4 Multiple hang/slam stile post bracket options.
1.5 Animal friendly polymer bracket caps.
- 2 2.1 Fully welded sleeve stiles. Compatible with existing IAE hang post (25mm hooks). Four sleeves per stile allows 305mm rise. See below.
- 3 3.1 Polymer tube sleeve (top and bottom rails). smooth rail transition.
3.2 Inbuilt thread locking system.
3.3 Patented low profile tube locking.
- 4 4 Chain lashing (to adjacent gate) capability on every gate slam stile end (x2). (Chain not included).
- 5 5.1 Twin spring bolt feature on every gate.
5.2 Spring bolts are padlockable (padlock not included).
5.3 Spring bolts can be locked in open position.
5.4 Easy to grab high visibility polymer handle.
5.5 Animal friendly neutral position.
- 6 6 Heavy duty drop bolt available, no drilling required (sold separately).



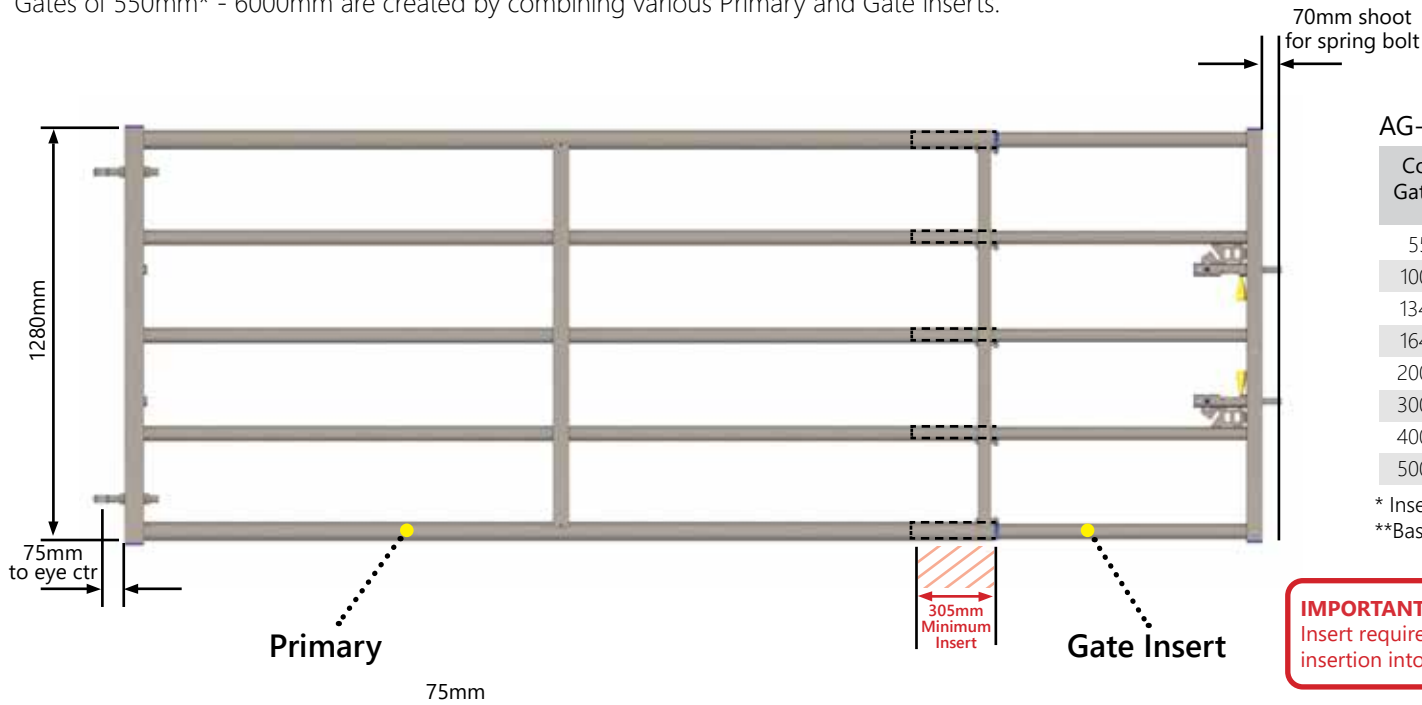
Unique Rise Feature

Gates and Panels designed to hang at 1525mm as standard.

Gates and Panels can be flipped or lifted for 305mm rise without additional post hang positions or moving brackets to accommodate build up of bedding.

AG-5 Gates

Gates of 550mm* - 6000mm are created by combining various Primary and Gate inserts.



AG-5 Gate Recommended Combinations

Combined Gate Length	To Suit Nominal Opening**	Primary	+	Gate Insert
550 - 999	761 - 1210	1000112	+	F002 2004 01*
1000 - 1339	1211 - 1550	F002 2001 01	+	F002 2004 01
1340 - 1644	1551 - 1855	F002 2001 01	+	F002 2004 02
1645 - 1999	1856 - 2210	F002 2001 01	+	F002 2004 03
2000 - 2999	2211 - 3210	F002 2001 02	+	F002 2004 03
3000 - 3999	3211 - 4210	F002 2001 03	+	F002 2004 03
4000 - 4999	4211 - 5210	F002 2001 04	+	F002 2004 03
5000 - 6000	5211 - 6211	F002 2001 05	+	F002 2004 03

* Insert may require cutting down to achieve length.

**Based on post and bracket hanging arrangement.

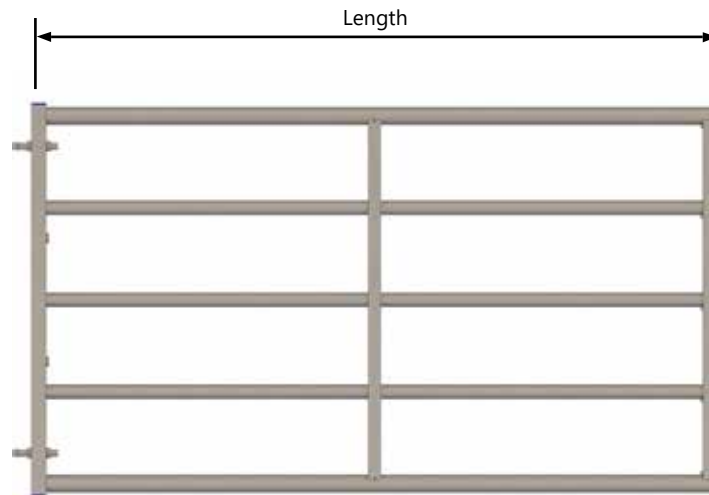
IMPORTANT:
Insert requires minimum 305mm insertion into Primary.

IMPORTANT:
Ground sockets are not recommended on gate combinations over 2m due to slam end sagging.

AG-5 Primary

Primary Variants

Length	Primary	No. Infillers	Pack Size
310	1000112	1	2
718	F002 2001 01	1	4
1718	F002 2001 02	2	8
2718	F002 2001 03	2	8
3718	F002 2001 04	3	8
4718	F002 2001 05	3	2



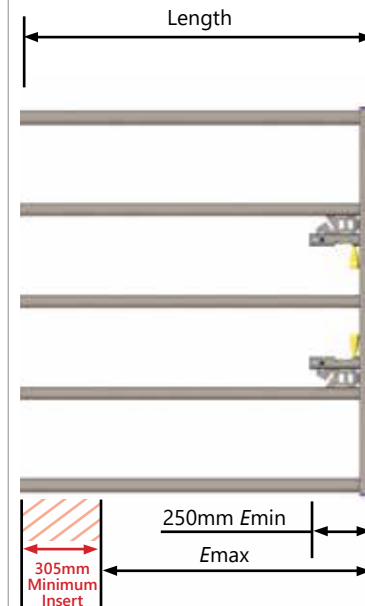
Specification

Hang Stile 60 x 60mm
 Vertical End Filler 60 x 40mm
 Top/Bottom Rails ø60.3mm
 Intermediate Rails ø48.3mm
 Includes fittings to attach to Insert, plus eyebolts and plastic caps.

AG-5 Gate Insert

Gate Insert Variants

Length	E _{max}	Gate Insert	Pack Size
920	615	F002 2004 01	2
1200	895	F002 2004 02	2
1585	1280	F002 2004 03	8



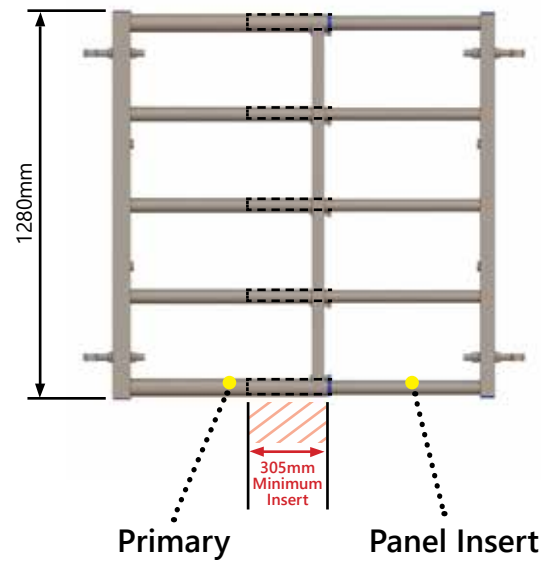
Specification

Hang Stile 50 x 50mm
 Vertical End Filler ø48.3mm
 Intermediate Rails ø42.4mm
 Includes fittings for springbolts and plastic caps.



AG-5 Panels

Panels of 400mm* - 6000mm are created by combining various Primary and Panel inserts.



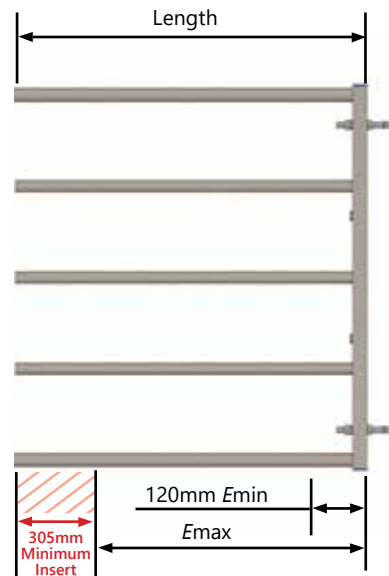
AG-5 Panel Recommended Combinations

Combined Gate Length	To Suit Nominal Opening**	Primary	+	Panel Insert
550 - 999	836 - 1285	1000112	+	F002 2003 01*
1000 - 1339	1286 - 1625	F002 2001 01	+	F002 2003 01
1340 - 1644	1626 - 1930	F002 2001 01	+	F002 2003 02
1645 - 1999	1931 - 2285	F002 2001 01	+	F002 2003 03
2000 - 2999	2286 - 3285	F002 2001 02	+	F002 2003 03
3000 - 3999	3286 - 4285	F002 2001 03	+	F002 2003 03
4000 - 4999	4286 - 5285	F002 2001 04	+	F002 2003 03
5000 - 6000	5286 - 6286	F002 2001 05	+	F002 2003 03

* Insert may require cutting down to achieve length.

** Clear gap between post faces.

AG-5 Panel Insert



Panel Insert Variants

Length	E _{max}	Panel Insert	Pack Size
920	615	F002 2003 01	2
1200	895	F002 2003 02	2
1585	1280	F002 2003 03	8

Specification

Hang Stile 50 x 50mm
 Vertical End Filler ø48.3mm
 Intermediate Rails ø42.1mm
 Includes eyebolts and plastic caps.

IMPORTANT:

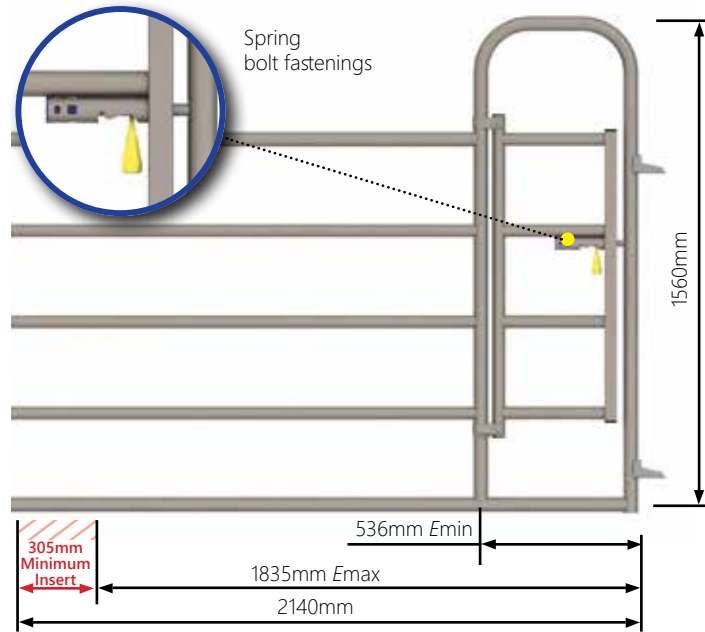
E_{min} – the minimum length of Insert that can protrude from the Primary. Add to Primary Length to get the shortest combined length.

E_{max} - the maximum length of Insert that can protrude from the Primary. Add to Primary Length to get the longest combined length.



AG-5 Passage Gate Insert

Panels featuring a passage gate can be created where access between pens holding small animals is required by combining the Passage Gate Insert with a Primary of the required length.



AG-5 Passage Gate Recommended Combinations

Combined Panel Length	To Suit Nominal Opening*	Primary	+	Passage Gate Insert**
846 - 2145	1111 - 2410	1000112	+	F002 2006 01
1254 - 2553	1519 - 2818	F002 2001 01	+	F002 2006 01
2254 - 3553	2519 - 3818	F002 2001 02	+	F002 2006 01
3254 - 4553	3519 - 4818	F002 2001 03	+	F002 2006 01
4254 - 5553	4519 - 5818	F002 2001 04	+	F002 2006 01
5254 - 6553	5519 - 6818	F002 2001 05	+	F002 2006 01

* Clear gap between post faces

** Insert may require cutting down to achieve length.

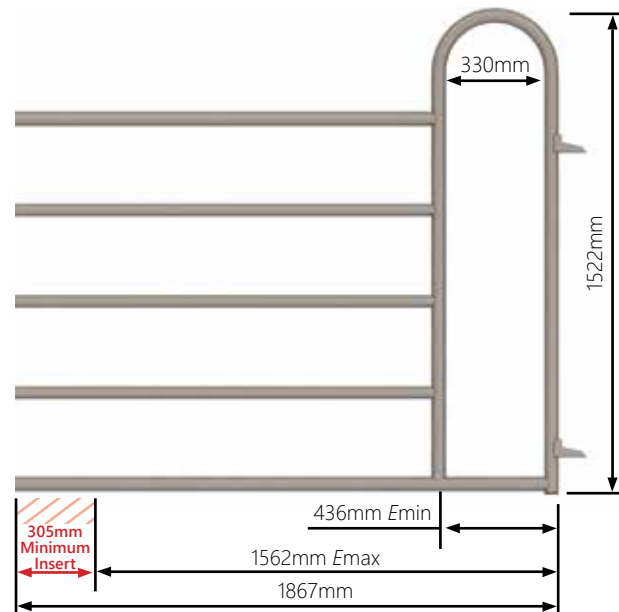
Passage Gate Insert	Pack Size
F002 2006 01	2

Specification

Passage Loop	ø48.3mm
Top/Bottom Rails	ø48.3mm
Intermediate Rails	ø42.4mm

AG-5 Squeeze Gap Insert

Panels featuring a squeeze gap can be created where passage between pens holding larger animals is required by combining the Squeeze Gap Insert with the desired Primary.



AG-5 Squeeze Gap Recommended Combinations

Combined Panel Length	To Suit Nominal Opening*	Primary	+	Squeeze Gap Insert**
746 - 1872	1011 - 2137	1000112	+	F002 2007 02
1154 - 2280	1419 - 2545	F002 2001 01	+	F002 2007 02
2154 - 3280	2419 - 3545	F002 2001 02	+	F002 2007 02
3154 - 4280	3419 - 4545	F002 2001 03	+	F002 2007 02
4154 - 5280	4419 - 5545	F002 2001 04	+	F002 2007 02
5154 - 6280	5419 - 6545	F002 2001 05	+	F002 2007 02

* Clear gap between post faces

** Insert may require cutting down to achieve length.

Squeeze Gap Insert	Pack Size
F002 2007 02	2

Specification

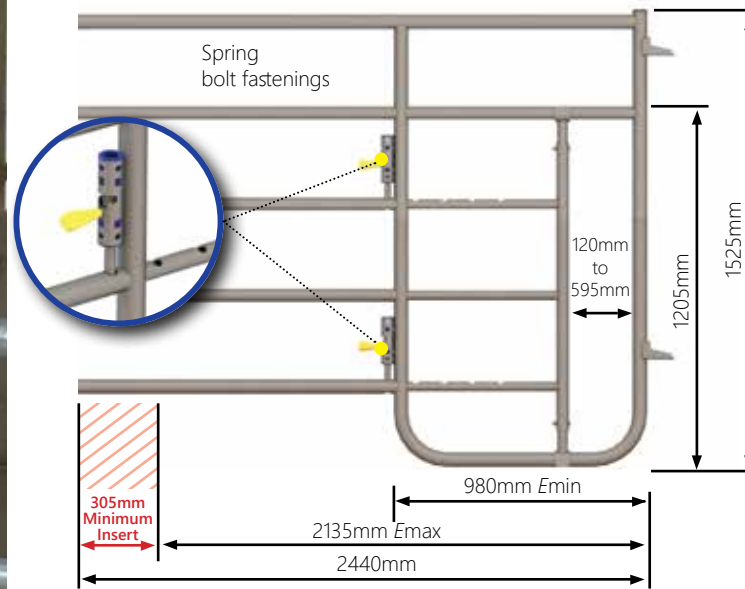
Passage Loop	ø48.3mm
Top/Bottom Rails	ø48.3mm
Intermediate Rails	ø42.4mm





AG-5 Calf Creep Insert

A Calf Creep Insert can be added to Panels where passage between pens holding small animals is required, allowing smaller animals to transition, but preventing larger animals from doing so. The creep aperture can be adjusted from 120mm to 595mm. Combine the Calf Creep Insert with a Primary to create the Calf Creep Panel.



AG-5 Calf Creep Recommended Combinations

Combined Panel Length	To Suit Nominal Opening*	Primary	+	Calf Creep Insert**
1290 - 2445	1555 - 2710	1000112	+	F002 2005 01
1698 - 2853	1963 - 3118	F002 2001 01	+	F002 2005 01
2698 - 3853	2963 - 4118	F002 2001 02	+	F002 2005 01
3698 - 4853	3963 - 5118	F002 2001 03	+	F002 2005 01
4698 - 5953	4963 - 6118	F002 2001 04	+	F002 2005 01
5698 - 6853	5963 - 7118	F002 2001 05	+	F002 2005 01

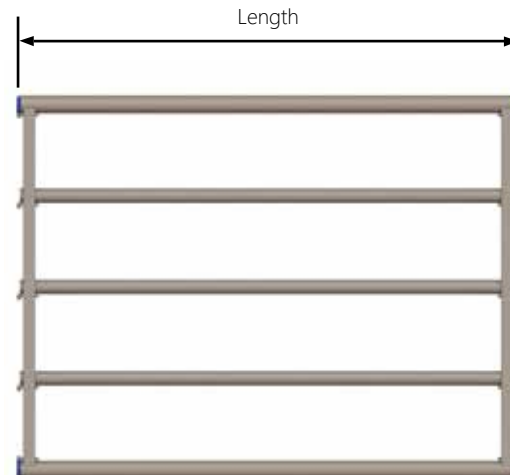
* Clear gap between post faces

** Insert may require cutting down to achieve length.

Calf Creep Insert	Pack Size	Specification
F002 2005 01	2	Passage Loop \varnothing 48.3mm Top/Bottom Rails \varnothing 48.3mm Intermediate Rails \varnothing 42.4mm

AG-5 Back-to-Back Primary

A multitude of panel variations can be created by combining two Inserts and one Back-to-Back Primary. Two lengths are available.



Back-to-Back Primary Variants

Length	Back-to-Back Primary	No. Infillers	Pack Size
1658	F020 2002 01	2	2
2658	F002 2002 02	3	2

Specification

Vertical Infiller	60 x 60mm
Top/Bottom Rails	\varnothing 60.3mm
Intermediate Rails	\varnothing 48.3mm

IMPORTANT:

Calculate the minimum or maximum length of your Double Sided panel using Emin or Emax dimensions for both Inserts, plus the Back-to-Back Primary length.

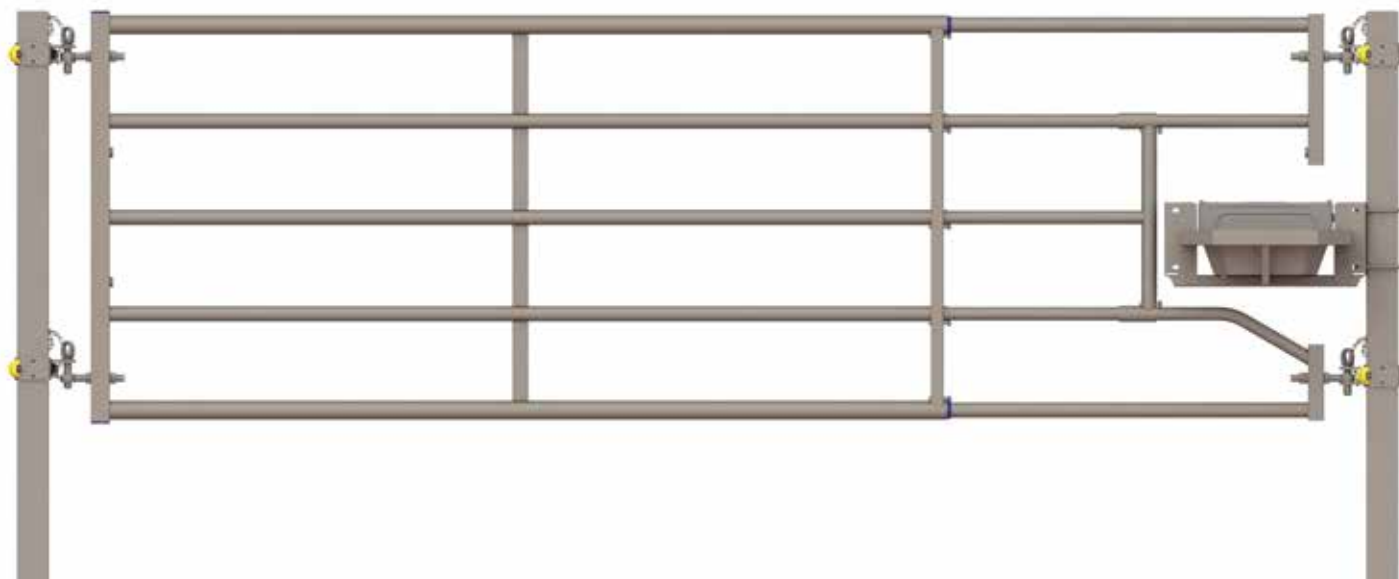
N.B. to achieve some minimum lengths, cutting of the insert rails may be required.

IMPORTANT:

Back to back primary combined with gate variants not recommended in high traffic areas or high use areas.

AG-5 Drinker Insert

In the event that a drinker, trough or water bowl is to be shared between pens, IAE offer a number of Drinker Inserts specifically designed to allow for this. Differing combinations of the four Drinker Inserts can be used to create a multitude of panel end arrangements.



1



- 1 Arrangement uses (F002 2008 04) Trough Extender, (F002 2008 05) Bowl Extender and (F002 2008 07) Bowl Restrictor are inserted into a Primary Panel to accommodate Universal Drinker and Universal Bracket on Post (see pp.14-15).
- 2 Troughs, or low mounted drinker bowls can be accommodated and straddled by a panel. Here a F002 2008 04 Trough Extender and F002 2008 06 Trough Restrictor are used.
- 3 Double Bowl Restrictors (F002 2008 05) can be used where greater clearance or variation in height is required. Here a Bowl Restrictor (F002 2008 07) is also used, though this may not be required if the Primary Panel vertical is near enough to the bowl.

IMPORTANT:

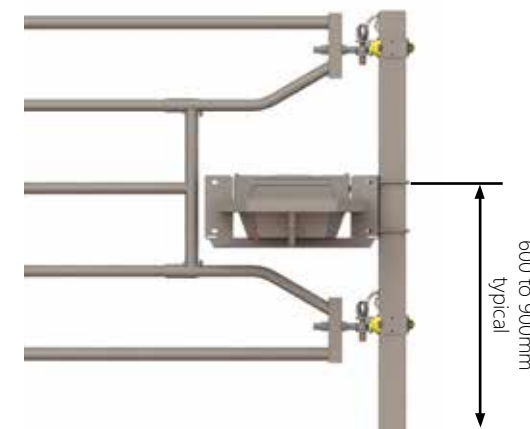
These drinker insert combinations are not intended to be used as gate hang arrangements.

2

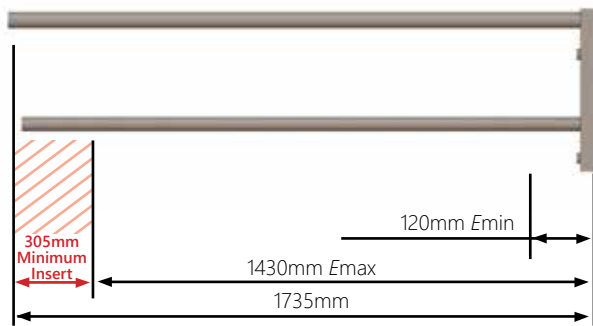


950mm

3

600 to 900mm
typical

Trough Extender



Trough Extender	Pack Size
F002 2008 04	2

Specification

Hang Stile	50 x 50mm
Top Rail	ø48.3mm
Intermediate Rail	ø42.4mm

Bowl Extender



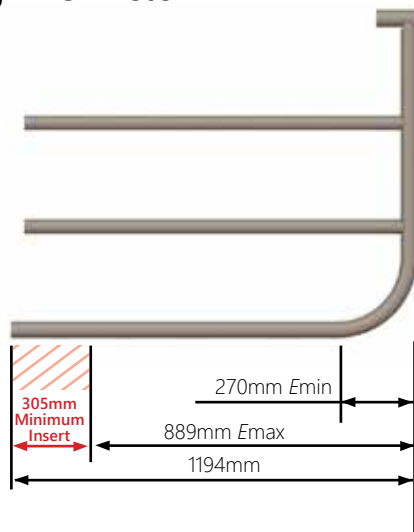
Bowl Extender	Pack Size
F002 2008 05	2

Specification

Hang Stile	50 x 50mm
Top Rail	ø48.3mm
Intermediate Rail	ø42.4mm



Trough Restrictor

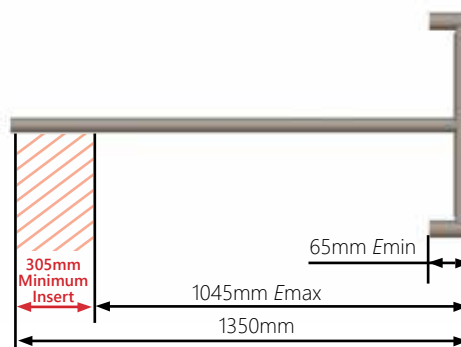


Trough Restrictor	Pack Size
F002 2008 06	2

Specification

Intermediate Rail	ø42.4mm
Vertical Rail	ø48.3mm

Bowl Restrictor



Bowl Restrictor	Pack Size
F002 2008 07	2

Specification

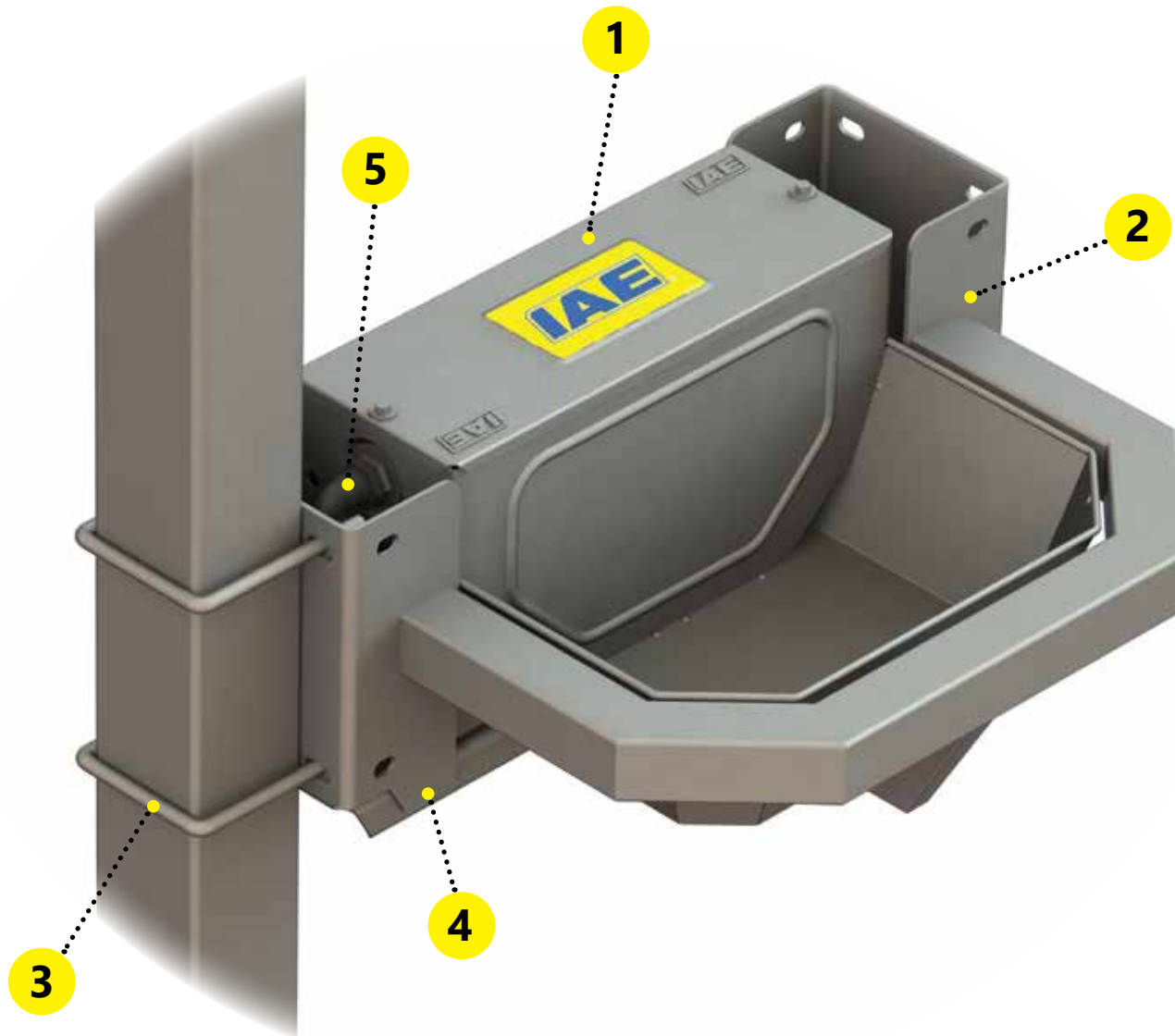
Intermediate Rail	ø42.4mm
Vertical Rail	ø48.3mm



Universal Drinkers

Universal Drinkers are ideal for use in pens holding small animals, in sick pens, or where installation of larger drinkers is not possible. Both single and double sided units can be used between pens in a shared arrangement (using AG-fit Drinker Insert see pp.10-11). The limited potential for water spillage means that the Universal Drinkers can be situated in bedded areas, in addition to mounting them outside of a feed panel/stanchion line.

The Universal Drinker can be used and mounted independently, however IAE now offer an off-the-shelf Universal Bracket to suit the Universal Drinker. The Universal Bracket is designed to protect your Universal Drinker from boisterous animals, whilst also offering a multitude of simple mounting options for the drinker. Post, RSJ, wall or base mounted, the Universal Bracket is highly flexible and easy to install.



- 1 Single sided Universal Drinker.
- 2 Single sided Universal Bracket 50 x 50mm box section and 4mm formed steel construction.
- 3 Easy post mounting using square U Bolt kit* with no drilling required. Compatible with 100 x 100mm and 120 x 120mm square posts.
- 4 Base mounting compatible.**
- 5 Easy access for water supply and fittings.
- 6 Double sided Universal Drinker and double sided Universal Bracket.
- 7 Simple RSJ mounting using RSJ clamp fixing kit (Lindapter™ type)*. Max flange 102mm.

Stanchion can be drilled at owners discretion and Universal Drinker bolted directly to stanchion using M12 bolt and nut**. IAE cannot accept responsibility for any damage procured through drilling of stanchions.

*Fitting kits sold separately. (See p.13).

**Fixings not supplied.

Universal Drinker - Single



Supplied with ball valve.

Universal Drinker	Pack Size
1001030	2

Specification

Construction	1.5mm sheet
Dimensions	380W x 370L x 230H
Inlet	ø22/27mm
Capacity	10 ltrs

Universal Drinker - Double



Supplied with ball valve.

Universal Drinker Double	Pack Size
F020 2020 05	2

Specification

Construction	1.5mm sheet
Dimensions	380W x 570L x 230H
Inlet	ø22/27mm
Capacity	22 ltrs

Universal Bracket - U Bolt Kit

Square U Bracket (pair) for mounting a Universal Bracket to a square post (100 x 100mm or 120 x 120mm available).



Size	Bracket U Bolt Kit	Pack Size
100 x 100	1001033	2
120 x 120	1001034	2

Universal Bracket - Single



Supplied with fitting to attach Universal Drinker. Wall/post/stanchion fittings not supplied.

Universal Bracket	Pack Size
1002702	2

Specification

Construction	3mm sheet
Dimensions	SHS 50 x 50 x 3mm
	640W x 490L x 267H

Universal Bracket - Double



Supplied with fitting to attach Universal Drinker. Wall/post/stanchion fittings not supplied.

Universal Bracket	Pack Size
1002703	2

Specification

Construction	3mm sheet
Dimensions	SHS 50 x 50 x 3mm
	640W x 800L x 267H



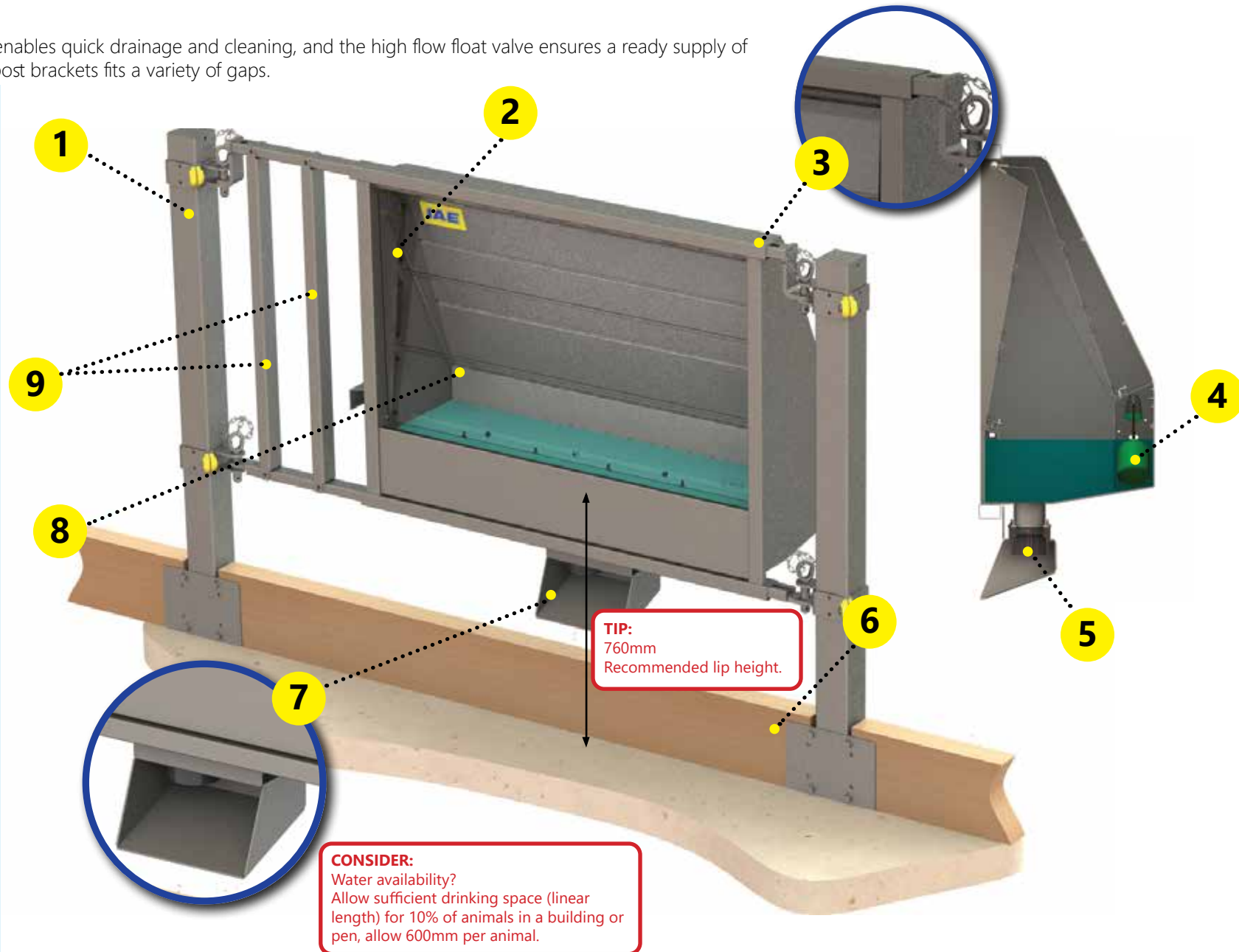
VisorDrink®

VisorDrink® is the latest concept from IAE in drinkers for beef cattle. Featuring a super tough all-in-one trough and shroud design, the VisorDrink also features a built in visor to protect the drinking water from muck and straw.

Featuring a built in high flow float valve capable of handling a hinge pressure supply, the VisorDrink ensures a ready supply of drinking water for your herd. Available in 3 sizes, there's a VisorDrink to suit any building, pen or application. Water is easily accessed by nudging the hinged visor and the sturdy body prevents access from the bedded area with no additional shroud or cover required.

A large diameter quick empty valve enables quick drainage and cleaning, and the high flow float valve ensures a ready supply of fresh water. Telescopic mounting to post brackets fits a variety of gaps.

- 1 Drinker is post mounted, using AG-fit hang brackets (see p.17) and telescopic bracket sets (See p.15).
- 2 Visor can be temporarily held back using peg/bolt (not supplied).
- 3 Telescopic mounting allows for a variety of post centre mountings, minimising the number of posts required in some instances.
- 4 Designed to use the RXP high flow float valve, ensuring quick filling and a constant supply of drinking water and can accept high pressure supply. Valve can be left or right hand to suit water supply position.
- 5 Large diameter 89mm quick empty valve allows easy emptying and cleaning of the trough. The release handle is protected and obscured from curious animals.
- 6 75 x 225mm timber boards (not supplied) can be used to hold back bedding. Use bolt on brackets. (See p.17).
- 7 Chute ensures emptied water exits into the scrape passage and not on the bedded area.
- 8 Light but tough visor on the front of the drinker is easily nudged by animals to access water. Protects water supply from muck and straw.
- 9 Optional bolt on vertical infillers mitigate head traps where extended telescopic brackets are used.



VisorDrink® - 1955mm



VisorDrink® - 1345mm



VisorDrink® - 735mm



IMPORTANT: Some lengths may require 1001621 coupling rod to prevent potential head trap.

VisorDrink 1955mm	Pack Size
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1001027 | 2

Specification

Construction Heavy Duty Welded Sheet
Dimensions 1955W x 1220H x 470D
Inlet ø27mm
Outlet ø89mm
Capacity 129 ltr
Post Clearance Std: 2240-2360mm
 Ext: 2240-2845mm

VisorDrink 1345mm	Pack Size
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1001026 | 2

Specification

Construction Heavy Duty Welded Sheet
Dimensions 1345W x 1220H x 470D
Inlet ø27mm
Outlet ø89mm
Capacity 86 ltr
Post Clearance Std: 1630-1750mm
 Ext: 1630-2235mm

VisorDrink 732mm	Pack Size
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1001025 | 2

Specification

Construction Heavy Duty Welded Sheet
Dimensions 735W x 1220H x 470D
Inlet ø27mm
Outlet ø89mm
Capacity 43 ltr
Post Clearance Std: 1020-1140mm
 Ext: 1020-1625mm



VisorDrink® - Telescopic Brackets

Bracket kit for mounting VisorDrink unit to post use standard hang brackets (see p.17) to mount drinker in position.



Telescopic Brackets	Pack Size
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1001028 | 2

VisorDrink® - Extended Telescopic Brackets

Bracket kit for mounting VisorDrink unit to post use standard hang brackets (see p.17) to mount drinker in position.



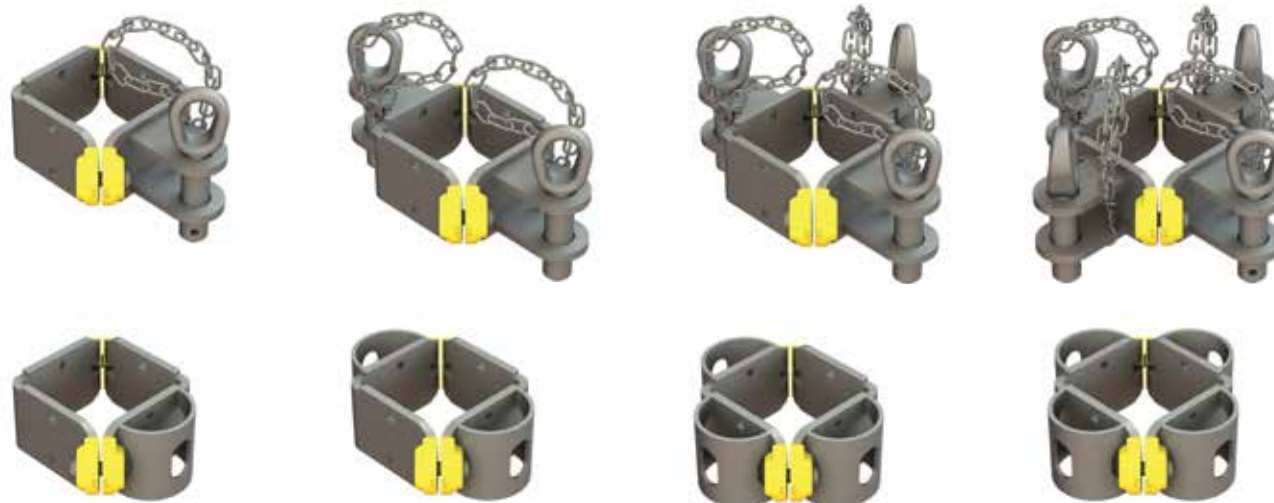
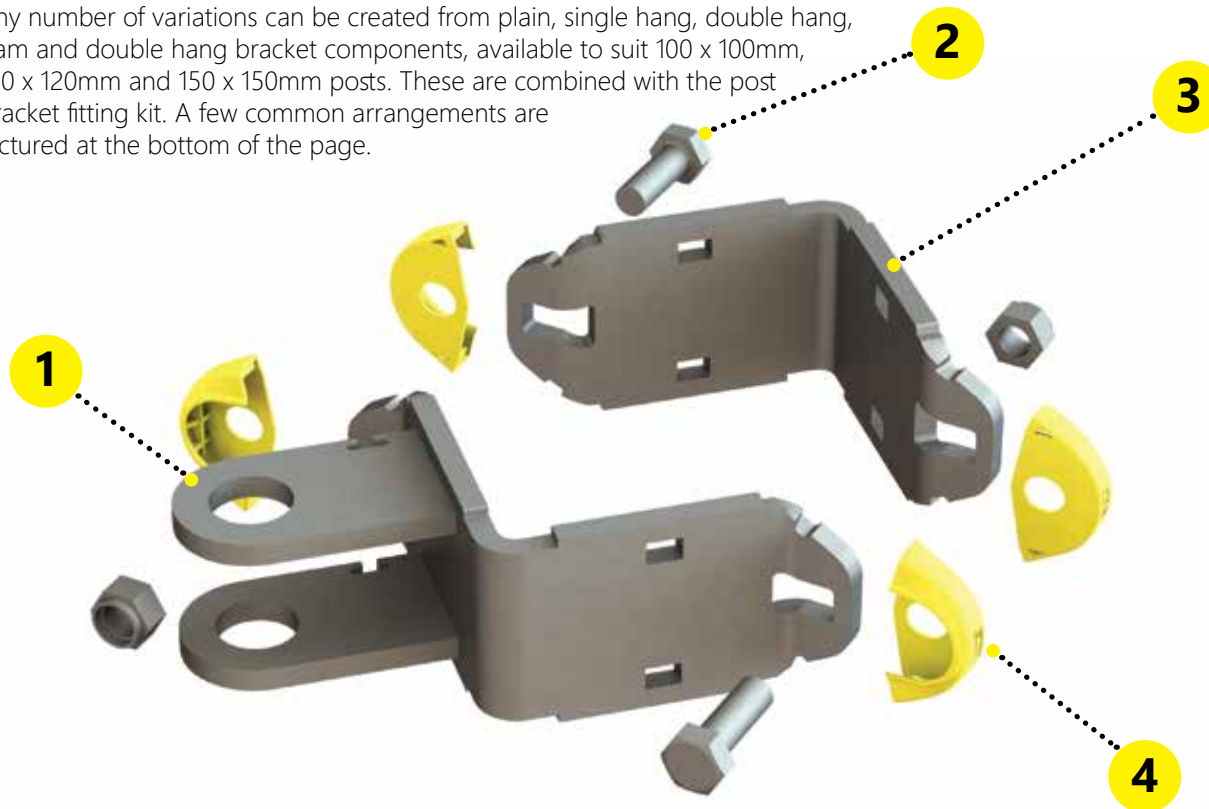
Extended Telescopic Brackets	Pack Size
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1001029 | 2

Post Brackets

AG-fit uses a modular post and bracket system to create a multitude of hang and slam configurations from a modest number of bolt together components, meaning your ideal setup is just a spanner and ratchet away.

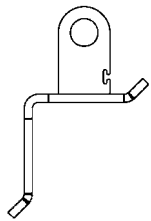
Any number of variations can be created from plain, single hang, double hang, slam and double hang bracket components, available to suit 100 x 100mm, 120 x 120mm and 150 x 150mm posts. These are combined with the post bracket fitting kit. A few common arrangements are pictured at the bottom of the page.



- 1** Post brackets consist of two major bracket components with heavy duty 8mm specification. Hang or Slam bracket options available (plus offset hang - see p.17).
- 2** Separate bracket fittings kit* contains M12 fittings for secure clamping on the post.
- 3** Two part bracket allows for complete flexibility. Another hang or slam (when stepped) instance can be created (see left), or plain strap be used.
- 4** Durable clip on polymer protector caps cover bracket edges preventing bruising and cutting.

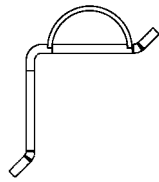
*Fitting kits sold separately. (See p.17).

Single Hang Bracket



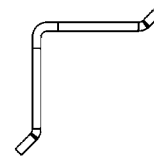
Size	Single Hang Bracket	Pack Size
100 x 100	F002 2010 15	8
120 x 120	F002 2010 27	8
150 x 150	F002 2010 39	8

Single Slam Bracket



Size	Single Slam Bracket	Pack Size
100 x 100	F002 2010 16	8
120 x 120	F002 2010 28	8
150 x 150	F002 2010 40	4

Plain Bracket



Size	Plain Bracket	Pack Size
100 x 100	F002 2010 17	8
120 x 120	F002 2010 29	8
150 x 150	F002 2010 41	8

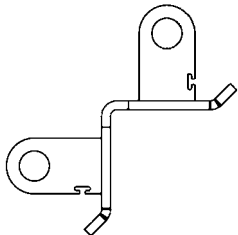
Post Bracket Fitting



Fixing kit to suit a single bracket instance.

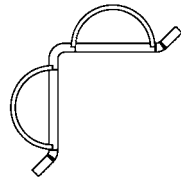
Code	Pack Sizes
F002 2010 13	8

Double Hang Bracket



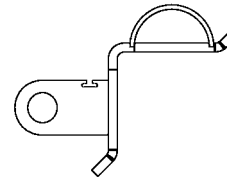
Size	Double Hang Bracket	Pack Size
100 x 100	F002 2010 18	8
120 x 120	F002 2010 30	8
150 x 150	F002 2010 42	4

Double Slam Bracket



Size	Double Slam Bracket	Pack Size
100 x 100	F002 2010 19	8
120 x 120	F002 2010 31	4
150 x 150	F002 2010 43	4

Hang Slam Bracket



Size	Single Hang Bracket	Pack Size
100 x 100	1000185	4
120 x 120	1000187	4
150 x 150	1000189	4

Hang Pin Kit



Pair of Hang Pins and retaining chains to hang gates and panels from hang brackets.

Code	Pack Sizes
F002 2010 14	8

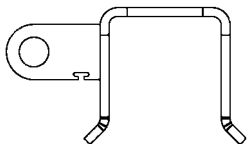
Timber Board Post Bracket

Timber Boards holding back bedding are retained using these brackets (100 x 100mm and 120 x 120mm post). Fittings included.



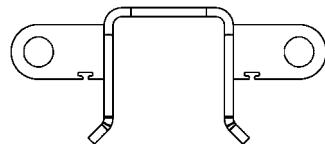
Code	Pack Sizes
1001087	8

Single Offset Hang Bracket



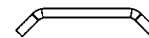
Size	Single Offset Hang Bracket	Pack Size
100 x 100	1000213	8

Double Offset Hang Bracket



Size	Double Offset Hang Bracket	Pack Size
100 x 100	1000114	8

Offset Hang Bracket Backplate



Size	Offset Hang Bracket Backplate	Pack Size
100 x 100	1000115	4

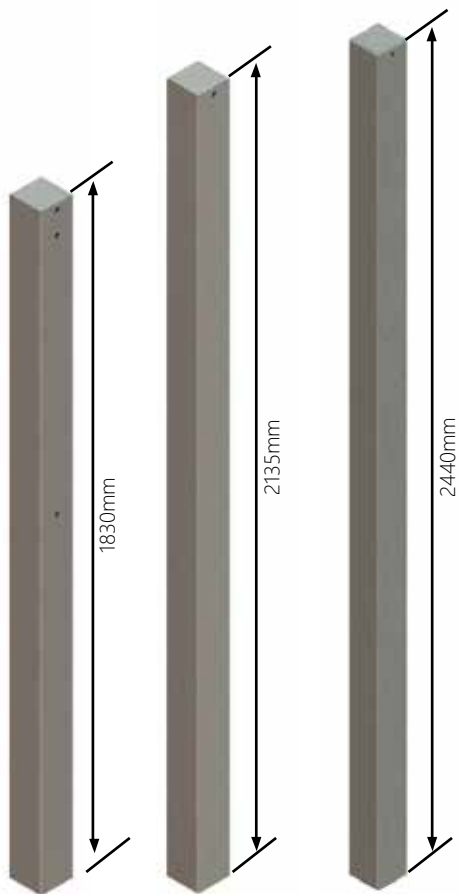


TIP:
Use the Offset Hang Brackets to create a race with smooth internal faces.

Posts

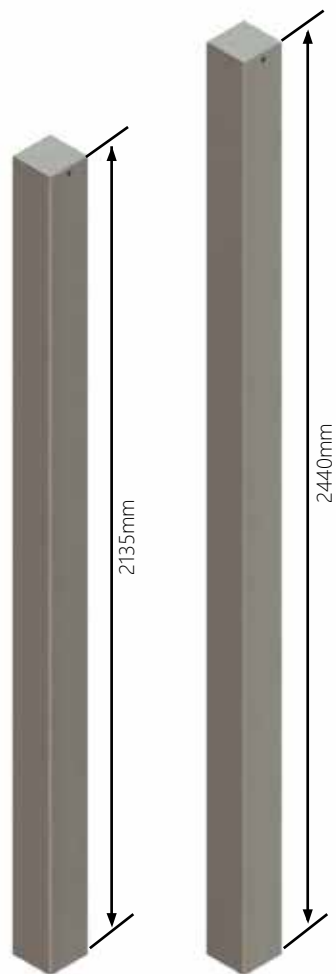
AG-fit posts are available in a variety of sizes to suit different slam and hang arrangements and heights (See p.19 which illustrates a table of where AG-fit posts are best applied).

100 x 100mm



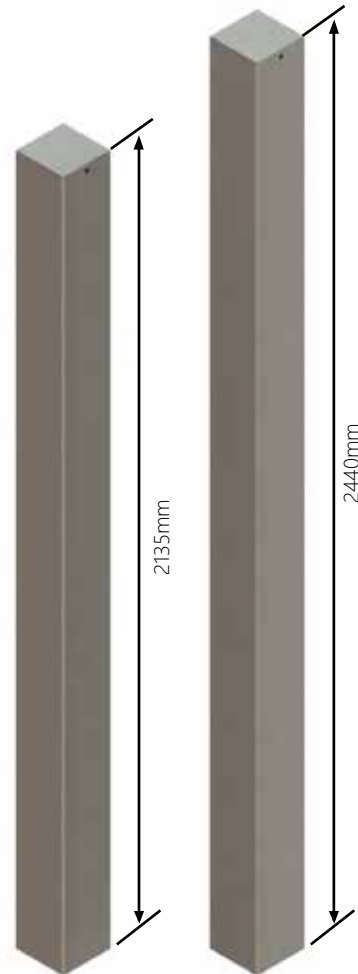
Size	100 x100	Pack Size
1830	F030 2012 13	8
2135	F002 2009 01	8
2440	F002 2009 02	2

120 x 120mm



Size	120 x 120	Pack Size
2135	F002 2009 03	8
2440	1000197	2

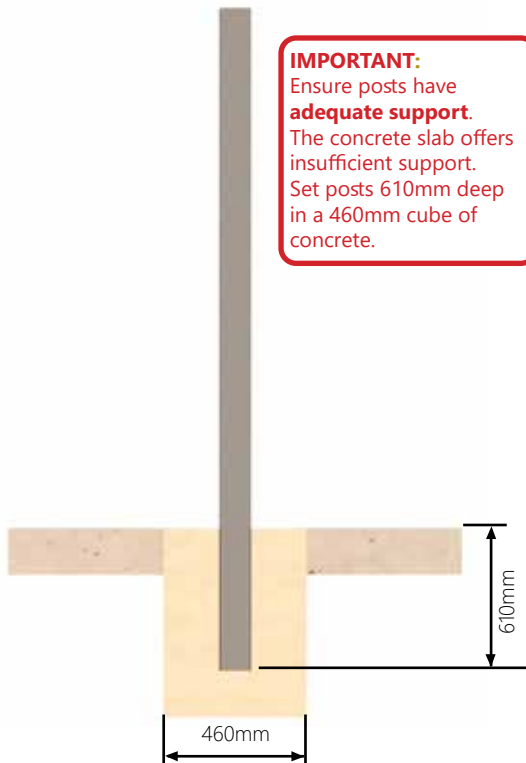
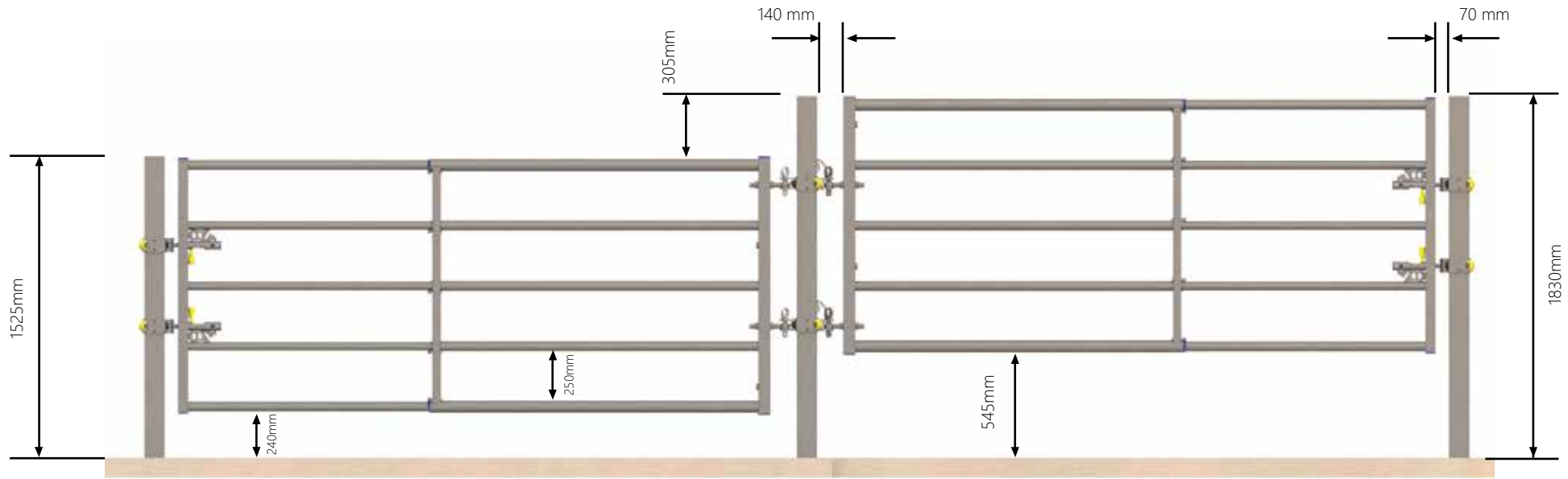
150 x 150mm



Size	150 x 150	Pack Size
2135	F002 2009 05	2
2440	1000193	2



Post Installation



IMPORTANT:
Ensure posts have **adequate support**. The concrete slab offers insufficient support. Set posts 610mm deep in a 460mm cube of concrete.

Post Type	Gate/Panel Length					
	0-1m	1-2m	2-3m	3-4m	4-5m	5-6m
Slam	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Single Offset Hang Bracket	100 x 100	100 x 100	100 x 100	120 X 120	120 x 120	120 x 120
Double Hang 90 deg	100 x 100	100 x 100	100 x 100	120 x 120	120 x 120	150 x 150
Double Offset Hang Bracket	100 x 100	100 x 100	100 x 100	120 x 120	150 x 150	150 x 150
Triple Hang	100 x 100	120 x 120	150 x 150	150 x 150	150 x 150	150 x 150
Quad Hang	100 x 100	120 x 120	150 x 150	150 x 150	150 x 150	150 x 150

Gates and barriers are designed to hang at 1525mm as standard. Use a 2135mm post to hang and slam, which is typically set 610mm into the concrete slab.

Where a 305mm rise is required (created by either flipping the gate or panel, or by employing additional sets of brackets) a 2440mm post is used to ensure head-traps are not created between the raised panels or gates.

100 x 100 x 1830mm posts are used for supporting feed fence panels (see p.21) and slam instances where the gate crosses the scrape passage.

IMPORTANT:
Ground sockets are not recommended on gate combinations over 2m due to slam end sagging.

Fittings



IMPORTANT:
Ground sockets are not recommended on gate combinations over 2m due to slam end sagging

1. Hinge hooks on square drilled plates
ø25mm - XX F016 0311 25
2. Hinged hooks on vertical drilled plates
ø25mm - XX F016 0310 25
3. Hinged hooks L/hand drilled angle
ø25mm - XX F016 0317 25
4. Hinge hooks R/hand drilled angle
ø25mm - XX F016 0315 25
5. Extended bolt on hang bracket to sit within stanchion web
ø25mm - 1001035
6. Bolt on hang bracket
ø25mm - XX F002 2010 12
7. Slotted plate bolt receiver
- F016 2003 02
8. Loop bolt receiver on drilled plate
- F016 2003 01
9. Hold back chain assembly for external doors
- F016 2003 03
10. 25mm Bolt on drop bolt
- F016 2001 02
11. Sliding type gate frame
- F016 2001 03
12. 25mm hinge hooks on full length drilled plated
- F016 0012 25
13. ø24mm Coupling rod
- 10001621
14. Hang telescopic bracket kit t/s feed fence (80 x 40) - 1001036
15. Hang telescopic bracket kit t/s feed fence (60 x 40) - 1001037
16. Hang telescopic bracket kit t/s yoke panel
- 1001038
17. Ground socket and lid assembly
100 x 100 - F017 2073 11
120 x 120 - F017 2074 11
150 x 150 - F017 2075 11
18. Bolt on channel t/s timber
- 1001039
19. Clamp on overlapping gate receiver
- 1000867
20. Easy clean drop bolt ground socket
- F010 2002 23

Single Rail Feed Barrier/Post & Fittings



- Low cost alternative to other feed fence options.
- May need some self assembly.
- 60.3/76.1mm o/d tube rails 6100mm long as standard to suit 3050/4575mm posts/RSJ centres.
- 88.9mm o/d tube rails 6400mm long as standard to suit 6100mm RSJ Centres (no post required).
- Can fix to existing steelwork or supplied with support posts.
- Other fittings available.

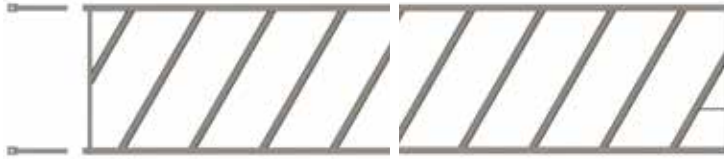
Code	Product Information
Posts	
F030 2024 21	100X 100mm SHS 2000mm long single rail feed fence post plain
F030 2024 48	100 x100mm SHS 2000mm long single rail feed fence post drilled
Brackets	
F030 2024 41	Single rail feed fence post bracket to suit 60mm ø rails
F030 2024 42	Single rail feed fence post bracket to suit 76mm ø rails
Channels	
F030 2024 46	RSJ Web angle bracket t/s 88.9mm ø rails
F030 2024 53	400mm long 80mm internal bolt on channels - 75mm timber boards
F030 2024 51	400mm long 85mm internal bolt on channels - 80mm concrete panels
F030 2024 52	400mm long 105mm internal bolt on channels - 100mm concrete panels
Rails	
A356 0332 61	6100mm length of 60.3mm ø tube
A357 6140 61	6100mm length of 76.1mm ø tube
A358 8936 64	6400mm length 88.9mm ø tube



Feed Fence and Yoke Panels

IAE's existing range of feed fence panels and Yokemaster® self locking yoke panels compliment the AG-fit range perfectly, bolting directly to the 100 x 100 x 1830mm post (p.18) or using post hang brackets and telescopic brackets (p.20) from any other post.

Diagonal Feed Fence - 915mm high - no base



Code	Length	Flat Brackets	Angle Brackets	Flat Plate
F030 2010 01	2968*			✓
F030 2010 06	4420**	✓		
F030 2010 04	4420**		✓	
F030 2010 12	4482***			✓
F030 2010 17	5850****	✓		
F030 2010 18	5850****		✓	

Adjustable brackets enable panels to fix between or on the face of various stanchions & posts.

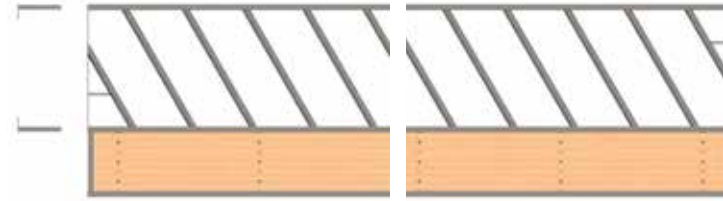
Flat Bracket



Angle Bracket



Diagonal Feed Fence - 1370mm high - Timber base



Adjustable brackets enable panels to fix between or on the face of various stanchions & posts.

Flat Bracket

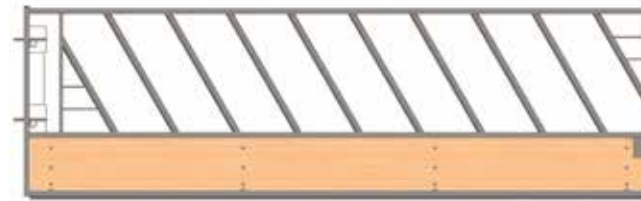


Angle Bracket



Code	Length	Flat Brackets	Angle Brackets	Flat Plate
F030 2010 07	4420**	✓		
F030 2010 05	4420**		✓	
F030 2010 09	4482***			✓
F030 2010 15	5850****	✓		
F030 2010 16	5850****		✓	

Diagonal Feed Fence Gate Unit - 1335mm high - timber base



- Single acting gate units with timber base complete with two built in keyhole sliding bolts for added safety.
- Units have 25mm sleeved hinge eyes.
- 1335mm high comes with 410mm timber base.
- Various fittings available depending on application.

Code	Length
F030 2010 11	4450** Single acting

* Creates 3050mm centres with 80 x 80 posts.

** To suit nominal 4570mm bays.

*** Creates nominal 4570 centres when used with 90 x 90 posts.

**** To suit nominal 6000/6100mm bays (may not be suitable in all situations please call the sales office for further information).

Yokemaster Self Locking Yoke Panels



Yokemaster panels c/w 2 angle and flat brackets (inclined installation).

Code	Length	Yoke Panels	Centres
F030 2251 46	4420	7	4560
F030 2251 48	5850	10	6000

Yokemaster panels c/w 4 flat brackets (installation on RSJ/Post).

Code	Length	Yoke Panels	Centres
F030 2251 26	4420	7	4560
F030 2251 28	5850	10	6000

Yokemaster panels c/w 4 angle brackets (installation on RSJ/Post face).

Code	Length	Yoke Panels	Centres
F030 2251 36	4420	7	4560
F030 2251 38	5850	10	6000

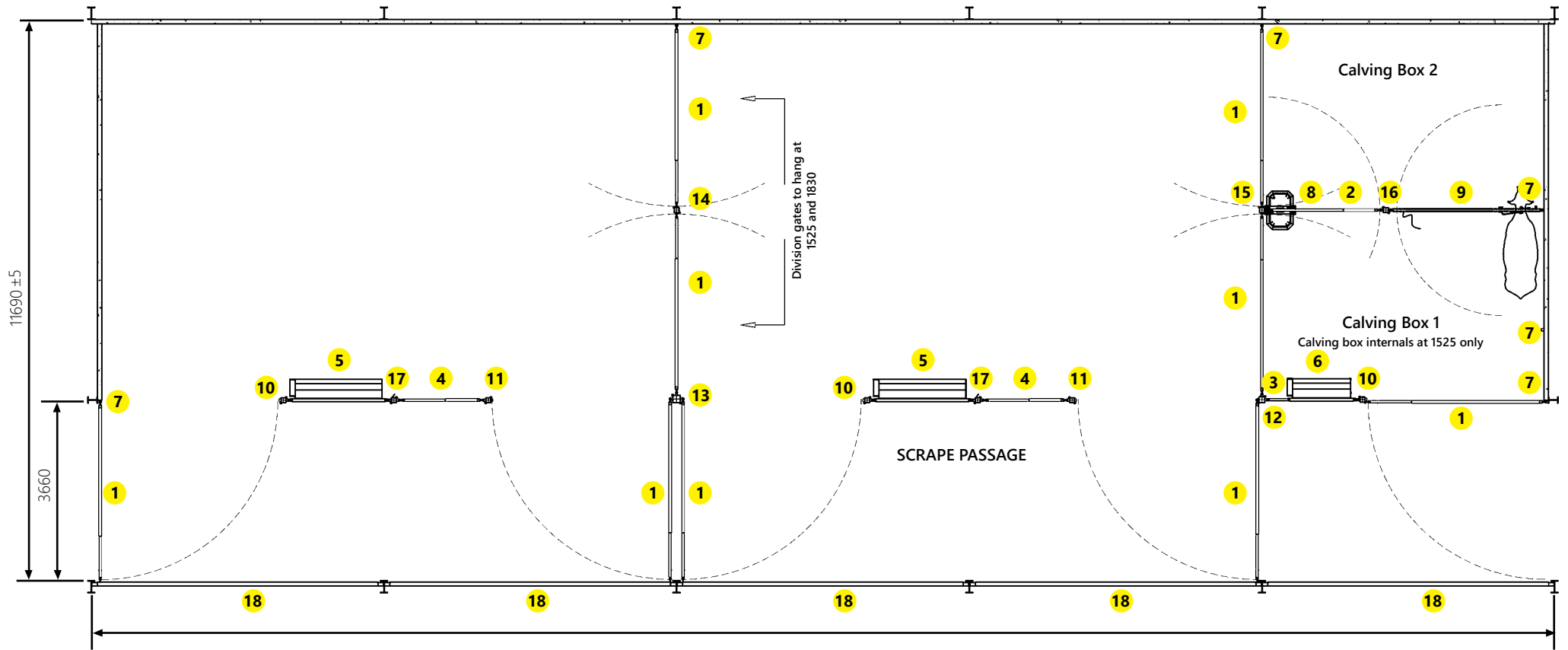
Code Product Information

F030 2250 08	Yokemaster operating handle
F030 2250 09	Yokemaster operating rod joiner kit

Code Product Information

F030 2012 28	100 x 100 SHS support post assembly
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Example Layout



1. 3670mm Gate comprising of - F002 2004 and F002 2001 03.
2. 2230mm Panel with provision for Drinker comprising of - F002 2001 03, F002 2008 04, F002 2008 05, F002 2008 07.
3. VisorDrink Extended Telescopic Bracket Kit - 1001029.
4. 1620mm Panel comprising of - F002 2001 01 and F002 2003 02.
5. 1955mm VisorDrink Trough and Brackets comprising of - 1001027 and 1001028.
6. 1345mm VisorDrink Trough - 1001026.
7. Bolt to Wall Type Bracket - F002 2010 12.
8. Double Universal Drinker and Protective Bracket comprising of - 1001032 and F020 2020 05.
9. Deluxe Calving Hurdle - F040 2013 20.
10. 100 x 100mm Post complete with 2 x Hang and 2 x Slam Brackets.
11. 100 x 100mm Post with 2 x Hang and 2 x Slam Brackets.
12. 120 x 120mm Post with 2 x Triple Hang Brackets.
13. 150 x 150mm Post with 2 x Triple Hang Brackets.
14. 100 x 100mm Post with 2 x Dual Slam.
15. 100 x 100mm Post with 2 x Dual Slam and 2 x Hang Brackets.
16. 100 x 100mm Post with 2 x Slam and 2 x Hang Brackets.
17. 100 x 100mm Post with 2 x Dual Hang Brackets and 1 x Hang Bracket.
18. 5850mm Diagonal Feed Fence - F030 2010 15.

NOTE:
Wall fixings are not supplied



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Established by Frank Klucznik Snr in 1969, IAE is still an independent family run business operating from a 38 acre purpose built, environmentally conscious site near Stoke-on-Trent in Staffordshire, England.

Over the years we have continually invested in the latest technology to ensure that IAE offer a range of products and degree of precision that is unprecedented in our field. After manufacture our products are hot dip galvanized to BS EN ISO 1461 at our in-house facility and deliveries are carried out by our own fleet of modern satellite tracked vehicles



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