AUTOMATIC SOLUTIONS **GATE CATALOGUE**

INDEX

Section 1 : Easy Gate — DIY Flat Pak range. Everything to your custom dimensions. Section 2 : Driveway Gate — Range of designer gates with Australia's strongest gate frame. Section 3 : Custom Gates — Traditional style of gates custom built to your specification.



SECTION 1

EASY GATES AND PANELS

With a huge range of designs and colors at an economical price it is not a wonder that Easy Gate has become our biggest selling range. Benefits include —

- Easy to assemble The Easy Gate system is designed around easy to assemble.
- Easy to transport to site Easy Gate solves that how to transport issue.
- Everything cut to size Easy Gate is cut to exact dimensions and ready to assemble.
- Huge range of standard styles to choose from or design your own "Custom Easy Gate".
- Choice of heavy duty Easy Gate frame or standard frame for lighter gates and standard fence panels.
- Color choice is huge with the ability to mix and match. Eg: different frame to infill color.
- Woodgrain finish is available for the entire gate and not just the centre insert.
- Range of standard laser cut inserts or design your own—"Custom Easy Gate" Do it your way!
- Easy assembly DIY, Industry installer or general tradesman. Drill and rivet gun are the main tools.
- Strong, robust, low maintenance and excellent quality finish.





Easy Gates & Panels Explained

Easy Gates and panels were originally introduced primarily as a do it yourself product (DIY) to service the hundreds of thousands of regional customers with no access to our fabrication facilities. The emphasis was a high quality product that could rival custom made with easy assembly, easy transport and a reasonable price.

Well like all good intentions this one has found its way from DIY into the professional market and beyond. The fact that a trade installer can order a gate to size, easy transport to site and easy assemble in a couple of hours all for a much lower cost than custom made has increased the product range to include many standard designs and now Custom Easy Gate.

WHAT MAKES UP AN EASY GATE?

Easy Gate is designed as an economical way to buy gates and fence panels for your property. Each gate or panel is individually cut to your sizes and provided with the necessary hardware and fasteners to assemble. For example a standard fence panel will typically be supplied with side channels, slats and fastener covers all cut to size as well as fixings for the channels and the slats. If you can use a drill and a pop rivet gun you are on your way!

If you were to order a sliding driveway gate kit you would receive all of your main framework, corner braces, infill sections and fastener covers cut to size and ready to assemble along with your fasteners. In addition you would receive all of your hardware and automation. Things like track, wheels, guide rollers, motor, remote controls etc.

WHAT ARE EASY GATE KITS MADE FROM?

Aluminium. All gates, fence panels and infill are made from durable aluminium in powder coat finish. Section weights vary dependent on their role. For example the main gate frame is our heaviest section and the insert slats are much lighter.

IS THERE A CHOICE OF COLORS AND DESIGNS?

Start to turn the pages and you will see just how many designs are available but that is not all as we are quite happy to build your gate to your design. We call it "Custom Easy Gate".

Colors? One of the main advantages of Easy Gate is the ease of using different colors. For example you may want a different main frame color to the infill color—with Easy Gate this is no problem

WHAT ARE THE DIFFERENT FRAME TYPES?

Essentially we have the heavy and robust driveway gate frame designed for big gates up to 6450mm wide, a smaller and lighter frame which we use for large infill panels and pedestrian gates and finally the frameless standard infill panels that simply use a system of side channels and covers.

ASSEMBLY AND INSTALLATION INFORMATION NEXT PAGE

Easy Gate Assembly & Installation

DO I HAVE TO ASSEMBLE AND INSTALL MYSELF?

That is entirely up to you. Although Easy Gate is a DIY product we all know that not everyone has the skills or inclination to take the job on. Plenty of choices thankfully depending on where you live. In and around our branches and agents they will happily quote assembly and install and if you live outside these service areas enlist the services of a local handyman or tradesman.

ANY GUIDES ON MEASURING AND INSTALLATION?

Sure-we have a number of installation, assembly and measuring guides on our website.

https://www.automaticgatesolutions.com.au/easygate-guides.php





Standard Easy Gate Colours



Custom Easy Gate



WHAT IS CUSTOM EASY GATE?

Every installation is different and the chances that a standard Easy Gate design will not do the job is high so we turn to Custom Easy Gate.

It is not hard to do — simply let us know during your enquiry that for whatever reason the standard designs will not suit and you want a price for custom Easy Gate. You still get all of the advantages of Easy Gate but with your own custom improvements.

- You might simply have your own design ideas.
- Want a custom laser panel insert.
- Odd shape or cut out like the photo above. (Did you notice the use of two colors?)



















EG 011

















EG 021





















EG 031






MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - 65x16 horizontal slats at nominal 15mm spacing (adjust to suit your requirements). Decorative panel can be adjusted to anywhere in the gate. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - 38x16 vertical slats at nominal 100mm spacing (adjust to suit your requirements). Decorative panel can be adjusted to anywhere in the gate. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0001 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0002 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0003 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0004 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0005 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0006 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0007 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.

EG 1-0008

MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0008 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.

EG 1-0009



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0009 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0010 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0018 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0019 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0020 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0022 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0023 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0028 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0029 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0031 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.





MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0038 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0041 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0062 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0064 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0067 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0066 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0073 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0074 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0075 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0076 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.

EG 1-0079



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0079 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.



MAIN FRAME - Easy gate main frame 92x48x3. Mitred corners with welded 3mm thick corner braces giving 6mm wall thickness at each corner. INFILL - Water jet panel design 0092 in 3mm aluminium. Back brace over 3150mm wide. Easy rubber finishing insert. FINISH - Pre treatment and powder coat. Kit includes covers to conceal all infill fastening points. SIZE RESTRICTIONS - Sliding maximum width 6450mm. Swing maximum width 3200mm. Maximum height 1650mm.

SECTION 2

DRIVEWAY GATE

Automatic Gate Solutions are manufacturers and distributors of the brilliant "Driveway Gate" range of unique and individual gates. Manufactured with the strongest purpose made frame in Australia and completely customizable to suit your preferences a Driveway Gate will give your home entrance something special. All at a price that is a little hard to believe.



WHAT EXACTLY IS A DRIVEWAY GATE?



A gate made to your design using a unique Australian made and designed frame and water jet cut infill. Primed and powder coated in a colour of your choice and you will be the wow of the neighborhood.

GENERAL -

The heart of a Driveway Gate is its robust framework. Designed in Australia and made from Australian aluminium. The frame is a solid 3mm wall that can be braced if required for large swing gates or extra wide sliding gates. We then cut infill panels from a design of your choice for the infill, put it all tighter before pre treatment and powder coating

ALUMINIUM ? -

With 90% of Australia's population living on the coast it is a simple decision when it comes to building gates according to the Driveway Gate team. The heavy duty structural alloy frame gives the weight and strength required while the characteristics of aluminium mean less corrosion and low maintenance.

WHAT DESIGNS ARE THERE? -

On the following pages you will find plenty of ideas but don't limit yourself. It is just a visual idea. Your gate may be bigger or smaller and you simply add or subtract components to suit. You might have a reason to design off centre - no problem.

DVG 0001



www.automaticgatesolutions.com.au

DVG 0002



www.automaticgatesolutions.com.au










































































































































































Section 3

CUSTOM MADE GATES AND PANELS

Custom made gates is where we all started. Working primarily with steel and wrought iron in the days before we had extrusions and laser cutting everything was custom made.

Our branches in the capital cities all have production facilities for custom made gates in steel and aluminium including laser cut designs. From the smallest of pedestrian gates to the largest industrial and cantilever gates our workshops can produce to your specifications. We have a range of popular designs to choose from or share your ideas with us for an obligation free quote.

Where Easy Gate has restrictions Custom Gate has none. If you can draw it or explain it we can probably make it.



WHAT EXACTLY IS A CUSTOM GATE OR PANEL?

Basically any gate or panel that is designed and built completely from scratch at any one of our workshops around Australia.

GENERAL -

Automatic gates need to be built robust and tough enough that they can withstand the rigors the automatic systems will subject them to. This often surprises some people but it is true that to open and close your gates in a variety of environments conditions the automation produces some fairly impressive torque for such small motors and exert a lot of pressure on the gate. So our gates need to be robust.

ALUMINIUM VERSUS STEEL? -

Over the years we have seen aluminium and steel take prominence at different times in the gate market but usually as a result of price. Aluminium tends to get shunned when the raw price of aluminium rises.

There is a natural assumption that aluminium is maintenance free which is not strictly true as aluminium without regular care will deteriorate and corrode just like anything else but it is fair to say that as a general rule aluminium requires less maintenance than steel. However steel has it's advantages given its weight and strength and you will not find too many industrial gates built from aluminium. Personal choice should take place but always check with your consultant about the use and environment before making a decision.

WHY DO WE LIKE WEIGHT? -

One of the reasons the motors are deigned to produce so much power is that they are designed and built in Europe (Italy). The Europeans have always built gates that are solid wrought iron style - not necessarily big in stature but heavy. It is not uncommon to see a pair of gates that may only be 1.5 metres wide each but up to 3 metres tall and weighing 500kg each. The motors are designed to open these big heavy gates. When we build lighter tubular style of gate that is popular in Australia the natural assumption is that this can only be good but in fact the automation has a tendency to "throw around" light weight gates. So as a consequence where possible we don't mind some weight because it makes for a smooth gate and adds to long term reliability.

WHAT ABOUT SIZE DOES IT REALLY MATTER? -

We think so. A gate tends to be a fairly large item no matter where it is installed and in general will always look better with some heavy sections lending some dimension to the size. This of course is purely personal choice as there are plenty of examples of small slight sections used in some very impressive gates. If you are considering things from a security viewpoint however there will be no substitute for size and of course design. In the end it will come down to the objective of the gate and the aesthetics desired but we find that gates with larger sections tend to look more the part

WHAT IS THE STORY ON THE GROUPS -

Group one through to group seven is simply our way of categorising our gates from a pricing perspective. In general terms group one, four and sometimes five can be the most economical with things getting a little more expensive as you work your way through group two and three. Group seven being true wrought iron is around the top level in price and group six is industrial style gates. But the reality is that these are purely a guide and you may find a group three gate that you want made as full wrought iron or maybe you like the style but want to keep the cost down. There are often ways to accommodate so simply use them as guide.

Custom Gate 1-001.

Aluminium tubular gate construction. 19mm round infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Custom Gate 1-002.

Aluminium tubular gate construction. 19mm round infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Custom Gate 1-003.

Aluminium tubular gate construction. 19mm round infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Custom Gate 1-004.

Aluminium tubular gate construction. 19mm round infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Custom Gate 1-005.

Aluminium tubular gate construction. 19mm round infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Custom Gate 1-006.

Aluminium tubular gate construction. 19mm round infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Custom Gate 1-007.

Aluminium tubular gate construction. 19mm round infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.

Custom Gate 1-008.

Aluminium tubular gate construction. 19mm round infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.

Custom Gate 1-009.

Aluminium tubular gate construction. 19mm round infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Custom Gate 2-001.

Aluminium tubular gate construction. 25mm square infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Custom Gate 2-002.

Aluminium tubular gate construction. 25mm square infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Custom Gate 2-003.

Aluminium tubular gate construction. 25mm square infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.

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Custom Gate 2-004.

Aluminium tubular gate construction. 25mm square infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Custom Gate 2-005.

Aluminium tubular gate construction. 25mm square infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.

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Custom Gate 2-006.

Aluminium tubular gate construction. 25mm square infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Custom Gate 3-001.

Aluminium tubular gate construction. 25mm square infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.


Custom Gate 3-002.

Aluminium tubular gate construction. 25mm square infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Sliding gate example.

Custom Gate 3-003.

Aluminium tubular gate construction. 25mm square infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Sliding gate example.

Custom Gate 3-004.

Aluminium tubular gate construction. 25mm square infill at 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Custom Gate 4-001.

Aluminium tubular gate frame construction for infill by others. Examples include timber pickets - metal sheet decking. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Custom Gate 4-002.

Aluminium tubular gate frame construction for infill by others. Examples include timber pickets - metal sheet decking. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail. Includes internal sub frame with transom/s for vertical infill.



Double swing gate example.



Custom Gate 4-003.

Aluminium tubular gate frame construction for infill by others. Examples include timber pickets - metal sheet decking. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail. Includes internal sub frame with transom/s for vertical infill.



Double swing gate example.

Custom Gate 4-004.

Aluminium tubular gate frame construction - farm gate style. Main frame construction is 100x50 main frame with 100x25 cross sections.



Double swing gate example.



Custom Gate 5-001.

Aluminium tubular gate frame construction for aluminium slat infill . Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.

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Double swing gate example.

Custom Gate 5-002.

Aluminium tubular gate frame construction for aluminium slat infill . Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Sliding gate example.

Custom Gate 5-003.

Aluminium tubular gate frame construction for aluminium slat infill.

Woodgrain Slats Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.

Double swing gate example.

Custom Gate 5-004.

Aluminium tubular gate frame construction for aluminium slat infill. Woodgrain Slats

Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.



Custom Gate 5-005.

Aluminium tubular gate frame construction for with 50x10 flat bar radiator style on face with 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.

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Custom Gate 5-006.

Aluminium tubular gate frame construction for with 50x25 RHS tube radiator style on face with 100mm spacing. Main frame construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.

Custom Gate 5-007.

Aluminium tubular gate frame construction for with 75x25 RHS tube radiator style on face with 100mm spacing. Mainframe construction is 50x50 sides and top rail with 100x50 bottom rail.



Double swing gate example.

Custom Gate 6-001.

Steel tubular gate frame construction designed for Industrial gates. Main frame construction is 75x75 sides and top rail with 125x75 bottom rail.



Double swing gate example.



Custom Gate 6-002.

Steel tubular gate frame construction designed for Industrial gates. Main frame construction is 75x75 sides and top rail with 125x75 bottom rail.



Double swing gate example.



Custom Gate 6-003.

Steel tubular gate frame construction designed for Industrial gates. Main frame construction is 75x75 sides and top rail with 125x75 bottom rail.



Double swing gate example.

Custom Gate 6-004.

Steel tubular gate frame construction designed for Industrial gates. Main frame construction is 75x75 sides and top rail with 125x75 bottom rail.



Section 4

LASER GATES AND PANELS

Laser panels can be incorporated into both Easy Gate and Custom Gate with ease.

Laser cutting has become more affordable of recent times which has led to an explosion of ideas and creativity in the gate and fencing panel world.

The days of all you can have is a picket fence or tube with spears on is gone and now you can add your own personal touch to your property entrance. Whether it is residential, corporate or community group you can add your own personal welcome.

Automatic Solutions perform all of their laser cutting in house providing quality control, expertise and affordable solutions.

Laser cut sheets can be from a range of materials with the most common being aluminium, mild and galvanised steel, stainless steel and for that very Australian look the rusty Corten steel.

Each cutting can be flat sheet style for fixing to existing structure or gate framework or we can produce a double fold to the edges providing and angle edge all round for direct fixing between piers, posts etc.



GENERAL -

"Laser cutting" is a generic term we use today to describe a gate or panel that has been cut in a decorative way. Whilst laser cutting is a specific process there are a number of variations of laser itself as well as plasma and water jet cutting.

WHY DO WE CHOOSE WATERJET? -

Water jet cutting uses a stream of very high-pressure water (40,000 psi and higher) and abrasive particles called garnet to machine a large array of materials, including heat-sensitive, delicate or very hard substances. The resulting cut is both clean and accurate to a tolerance of 0.025mm. Unlike Laser or Plasma, the cold stream does not create hardened edges. Many materials cut well using the water jet, among these are all metals and alloys, plastic, rubber, stone, ceramics and glass.

ALUMINIUM VERSUS STEEL? -

Most of what we cut with waterjet is aluminium or steel and the choice is really personal preference with consideration given to weight, environmental factors and of course desired look. Other finishes available are stainless steel and "Corten" which is a weathered or "rust look" form of steel.

SIZE LIMITATIONS? -

There are two limitations to size with any form of laser cutting. The first is available sheet size and the second is the machine bed size. Rarely is this an issue however as multiple panels tend to be used for overall stability in any case.

WHAT STYLE CAN I HAVE? -

If you can draw it we can cut it. There are some practicalities that come into play however and you are best to discuss your ideas with one of our consultants for guidance. One of the most difficult concepts to get your head around whilst designing is whether you are using the cut out section or losing the cut out section. If you don't want to go to the trouble or expense of your own design you can choose from the many standard designs available.



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