



MACHINERY SAFETY FENCE

The De-Fence System

De-Fence is a modular guarding and fencing system. Designed to comply with AS 4024.1–2014 Series Safety of Machinery.

De-Fence is simple to install, flexible and configures to the widest range of applications. The system comprises a range of standard panel lengths from 500 to 2000mm with the option of welded mesh or polycarbonate in-fill.

De-Fence steel posts are manufactured from 75 x 75 x 2.5mm thick RHS tube. They are pre-drilled on all four sides to accept our range of steel brackets which makes them ideal for multi-sided enclosures or changes in direction. Available in two standard heights and finished in high visibility Yellow powder coat.

De-Fence mesh or polycarbonate in-fill panels are retained in place with tamper resistant fixings that can only be removed or adjusted by authorised persons using tools not normally available to operators.

Any fixed in-fill panel can be converted into a swing gate, simply by removing the panel brackets from one side and pivoting the other to create a left or right hand opening. Optional sliding gates are available on request.

De-Fence is a completely modular design, which means that all the components including posts, brackets and panels are interchangeable to provide a zoning system that can be configured to any situation.

CUSTOM GUARDING:

We understand that sometimes terms like ‘modular’ or ‘standard’ just don’t work for every guarding application. We also understand that you may not be aware of your obligations, or where to turn for custom made machinery guarding.

At Barrier Group we have the experience and the expertise to help. Call now and our consultants will come to you.



Four-way connectivity.



Tamper resistant fixings.



STANDARD POSTS In-line

Material:	75 x 75 x 2.5mm RHS.
Finish:	Powder coated Yellow.
Height:	1300 or 2460mm.
Base plate:	200 x 84 x 4mm mild steel.
Weight:	DFP1300 – 7.4kgs. DFP2460 – 12kgs.

PART No.	DESCRIPTION
DFP1300	De-Fence standard post – 1300 x 75 x 75mm (fixings supplied)
DFP2460	De-Fence standard post – 2460 x 75 x 75mm (fixings supplied)



END POSTS Off-set

Material:	75 x 75 x 2.5mm RHS.
Finish:	Powder coated Yellow.
Height:	1300 or 2460mm.
Base plate:	200 x 200 x 8mm mild steel.
Weight:	DFP1300E – 7.4kgs. DFP2460E – 12kgs.

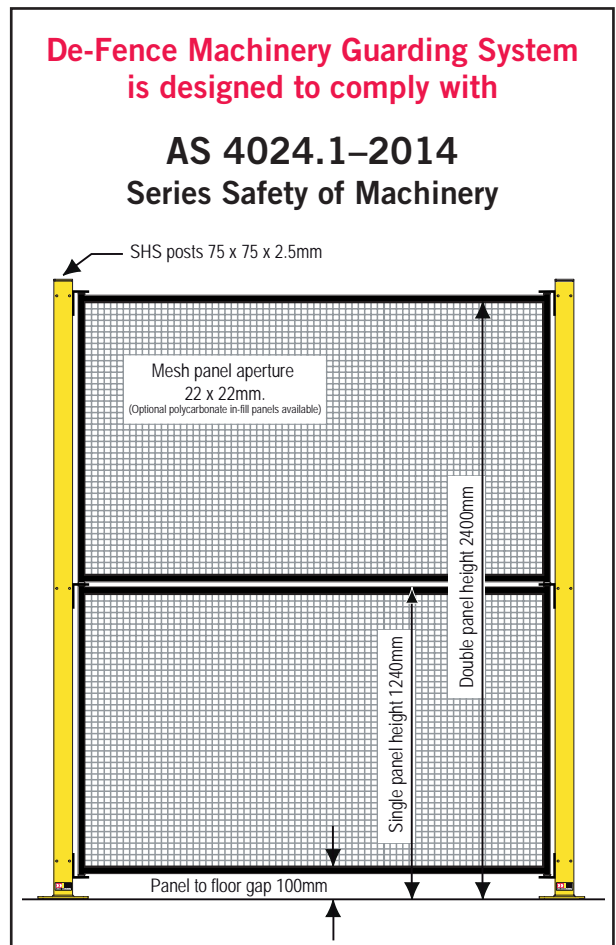
PART No.	DESCRIPTION
DFP1300E	De-Fence end post – 1300 x 75 x 75mm (fixings supplied)
DFP2460E	De-Fence end post – 2460 x 75 x 75mm (fixings supplied)



GATE POSTS Centred

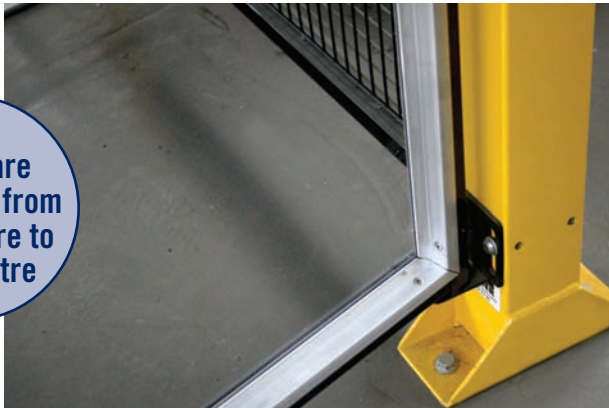
Material:	75 x 75 x 2.5mm RHS.
Finish:	Powder coated Yellow.
Height:	1300 or 2460mm.
Base plate:	200 x 200 x 8mm mild steel.
Weight:	DFP1300G – 7.4kgs. DFP2460G – 12kgs.

PART No.	DESCRIPTION
DFP1300G	De-Fence gate post – 1300 x 75 x 75mm (fixings supplied)
DFP2460G	De-Fence gate post – 2460 x 75 x 75mm (fixings supplied)





Panel widths are measured from post centre to post centre



MESH IN-FILL PANELS

- Frame:** 38 x 25 x 1.6mm mild steel tube.
- In-fill:** 22 x 22 x 3mm steel mesh.
- Finish:** Powder coated Black steel frame and mesh.

PART No.	DESCRIPTION
DFP2000M	De-Fence mesh in-fill panel – 2000mm long (18kgs)
DFP1700M	De-Fence mesh in-fill panel – 1700mm long (16kgs)
DFP1500M	De-Fence mesh in-fill panel – 1500mm long (15kgs)
DFP1200M	De-Fence mesh in-fill panel – 1200mm long (13kgs)
DFP1000M	De-Fence mesh in-fill panel – 1000mm long (10kgs)
DFP750M	De-Fence mesh in-fill panel – 750mm long (8kgs)
DFP500M	De-Fence mesh in-fill panel – 500mm long (6kgs)
DF-GKP	Optional gate kick plate

POLYCARBONATE IN-FILL PANELS

- Frame:** 38 x 25 x 1.6mm mild steel tube.
- In-fill:** 3mm clear polycarbonate sheet.
- Finish:** Powder coated Black outer steel frame.

PART No.	DESCRIPTION
DFP2000P	De-Fence polycarbonate in-fill panel – 2000mm long (18kgs)
DFP1700P	De-Fence polycarbonate in-fill panel – 1700mm long (16kgs)
DFP1500P	De-Fence polycarbonate in-fill panel – 1500mm long (15kgs)
DFP1200P	De-Fence polycarbonate in-fill panel – 1200mm long (13kgs)
DFP1000P	De-Fence polycarbonate in-fill panel – 1000mm long (10kgs)
DFP750P	De-Fence polycarbonate in-fill panel – 750mm long (8kgs)
DFP500P	De-Fence polycarbonate in-fill panel – 500mm long (6kgs)
DF-GKP	Optional gate kick plate



Standard panel bracket kit provides universal panel mounting where no side adjustment is required.

PART No.	DESCRIPTION
DF-SPB	Standard panel bracket kit



Adjustable panel bracket kit provides universal panel mounting that allows up to 12mm of side adjustment.

PART No.	DESCRIPTION
DF-APB	Adjustable panel bracket kit



Panel connector bracket kit allows for joining upper and lower panels on double De-Fence.

PART No.	DESCRIPTION
DF-PCB	Panel connector bracket kit



Self-closing gate bracket kit adjusts tension for gate closure on either the top or bottom gate hinge.

PART No.	DESCRIPTION
DF-SGB	Self-closing gate bracket kit



GATE CONNECTOR PIN

The gate connector pin is used to connect the outer vertical edge (non-hinged side) of an upper and lower De-Fence panel so that they swing together as one when converting fixed panels into a gate. The pin simply fits into the existing plastic bushes in the panels thereby connecting them. It is made from zinc plated mild steel.

PART No.	DESCRIPTION
DF-CP	De-Fence gate connector pin



PANEL JOINER

The panel joiner is used to connect both sides of 2 panels together to form one larger panel. Each aluminium extrusion is inserted 150mm into the ends of both the upper and lower panel frames and secured by 2 self-tapping screws (supplied). The panel joiners are sold as a kit containing 2 x 300mm long joiners and four screws, they are made from mill finish extruded aluminium.

PART No.	DESCRIPTION
DF-PJ	De-Fence panel joiner extrusion



GATE KICK PLATE

Often when people approach a gate they will kick the gate open rather than pushing it by hand. The gate kick plate reinforces the bottom corner of the gate and is secured in place by five self-tapping screws (supplied). The gate kick plate is made from zinc plated mild steel. It measures 300 x 200 x 3mm.

PART No.	DESCRIPTION
DF-GKP	De-Fence gate kick plate



GATE STOP

The gate stop is fitted to the gate frame and secured in place by self-tapping screws (supplied) it provides a controlled stopping point for spring assisted gates. It can be used on both inward or outward swinging gates. The gate stop is made from durable moulded plastic.

PART No.	DESCRIPTION
DF-GS	De-Fence gate stop



LOCKABLE DROP BOLT

Used mainly on double swing gates the lockable drop bolt secures one gate in place and allows the other to be latched to it. The bolt simply fits into a drilled hole in the floor, supplied with 2 keys it can be locked in the open or closed position. It is made from durable moulded plastic and zinc plated steel.

PART No.	DESCRIPTION
DF-LB	De-Fence lockable drop bolt



LOCKABLE GATE LATCH

Used on single swing gates or double swing gates with the lockable drop bolt, the lockable gate latch acts as a quick lever action gate catch or can be locked to deny entry. Supplied with 2 keys and fixings. It is made from durable moulded plastic and zinc plated steel.

PART No.	DESCRIPTION
DF-LL	De-Fence lockable gate latch



DE-FENCE SWING GATES (Single gates)

Features:

- Self-closing single swing gates.
- Kit includes all brackets and panels.
- Welded tubular frame with mesh in-fill panel.
- Gates available in single or double height models.
- Gate can swing left or right.
- Designed to comply with AS 4024.1-2014.

PART No.	DESCRIPTION
DFSSWG1000S	1260mm high single swing gate kit – Clear opening 925mm
DFSSWG1500S	1260mm high single swing gate kit – Clear opening 1425mm
DFDSWG1000S	2410mm high single swing gate kit – Clear opening 925mm
DFDSWG1500S	2410mm high single swing gate kit – Clear opening 1425mm
DFP1300E	De-Fence end post 1300 x 75 x 75 with fixings
DFP2460E	De-Fence end post 2460 x 75 x 75 with fixings
DF-LB	De-Fence lockable drop bolt
DF-GS	De-Fence gate stop
DF-LL	De-Fence lockable gate latch
DFSWGUST	Custom De-Fence swing gate kits

Description: De-Fence single swing gate kits.

Compatibility: De-Fence machinery guarding system.

Material: Tubular steel frame with 3mm mesh in-fill panel.

Finish: Panels powder coated Black.
Posts powder coated Yellow.

Panels: Single gate kits in single or double height.

Operation: Push open/adjustable spring assisted closure.

Gate swing: 90 degrees.

Opening: Single gate operation (Double gates on request).

Max. open: Single gate 1425mm.

Min. open: Single gate 925mm.

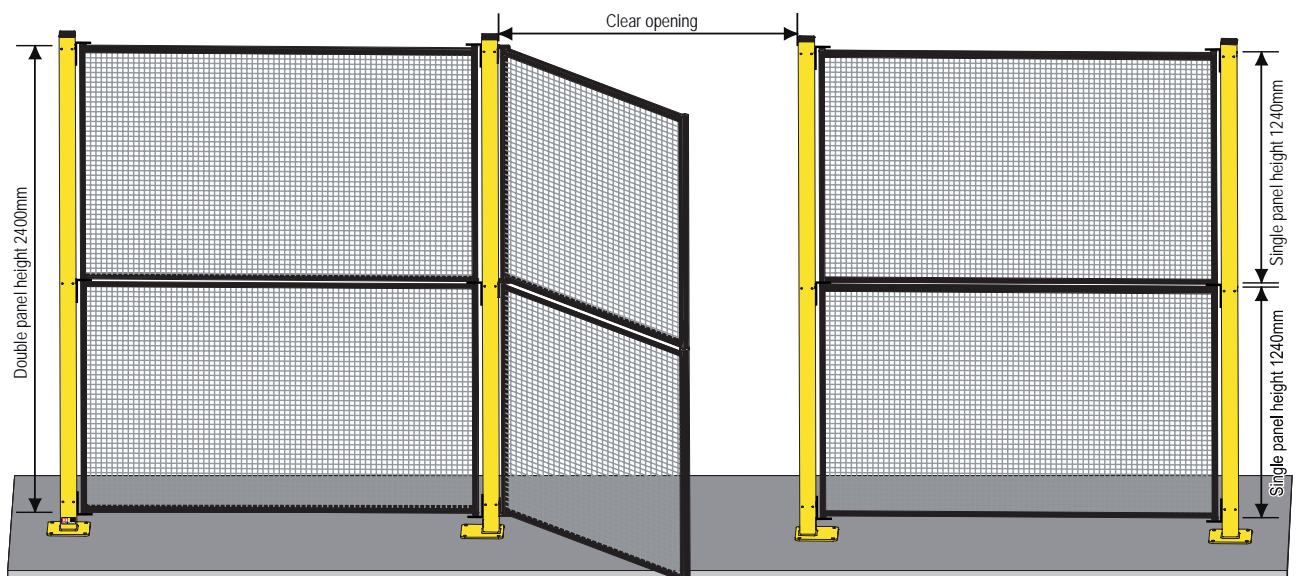
Adjustment: Spring pressure and panel height.

Height: Single height 1260mm.
Double height 2410mm.

Clearance: Overhead clearance not applicable.

Mounting: Brackets, gate stop and panels included.

Custom gates: Custom gates available on request.





DE-FENCE SLIDING GATES (Full height)

Features:

- Kit includes all brackets, tracks and panels.
- Retro-fit to existing posts or order separately.
- Full height single and double gates available.
- Gates slide on overhead track, leaving floor clear.
- Clearance under overhead track 2450mm.
- Welded tubular frame with mesh in-fill.
- Designed to comply with AS 4024.1-2014.

Description: De-Fence double height sliding gate kits.

Compatibility: De-Fence machinery guarding system.

Material: Tubular steel frame with 3mm mesh in-fill panel.

Finish: Panels powder coated Black.
Posts powder coated Yellow.

Panels: Full height single and double gate kits.

Operation: Manual slide open and close.

Gate tracks: Overhead track made from galvanised steel.

Gate stop: Built-in adjustable gate stops.

Opening: Four standard sizes available.
Custom sizes on request.

Max. open: Double gates 2925mm.

Min. open: Single gate 925mm.

Adjustment: For height, level & stopping points.

Height: Height of gates 2400mm.

Clearance: Clearance under overhead track 2450mm.

Mounting: All brackets, tracks and panels included.

Single gates: Custom gates available on request.

PART No.	DESCRIPTION
DFDSLG1000S	2400mm high single sliding gate kit – Clear opening 925mm
DFDSLG1500S	2400mm high single sliding gate kit – Clear opening 1425mm
DFDSLG2000D	2400mm high double sliding gate kit – Clear opening 1925mm
DFDSLG3000D	2400mm high double sliding gate kit – Clear opening 2925mm
DFP2460E	De-Fence end post 2460 x 75 x 75 with fixings
DFSLGCUST	Custom De-Fence sliding gate kits

