



BALL-FENCE – Hand rail system

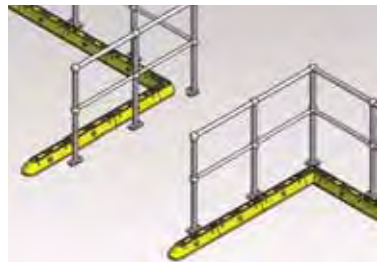
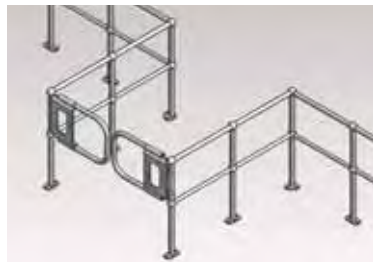
Ball-fence is a modular handrail system that includes stanchions in a range of configurations, a top (hand) rail and a centre (knee) rail. Design flexibility is a strength of the Ball-fence. Usually the Ball-fence components are assembled on site. If required they can be partially assembled in our factory and delivered to site in sections for simple fixing. (Charges apply).

Value features:

- » Design flexibility.
- » Components are all hot dip galvanised.
- » Complies to AS1657.
- » Suitable for outdoor use.
- » Gates available.

Specifications:

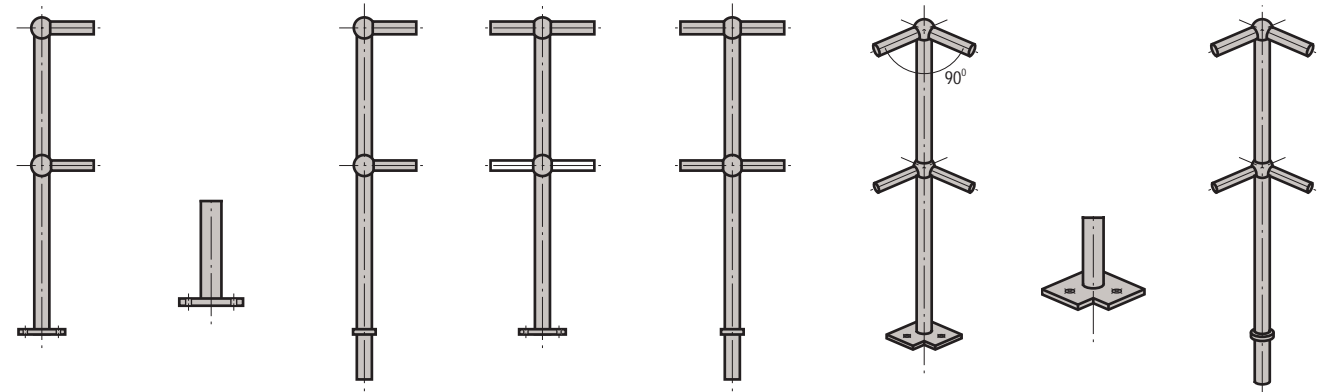
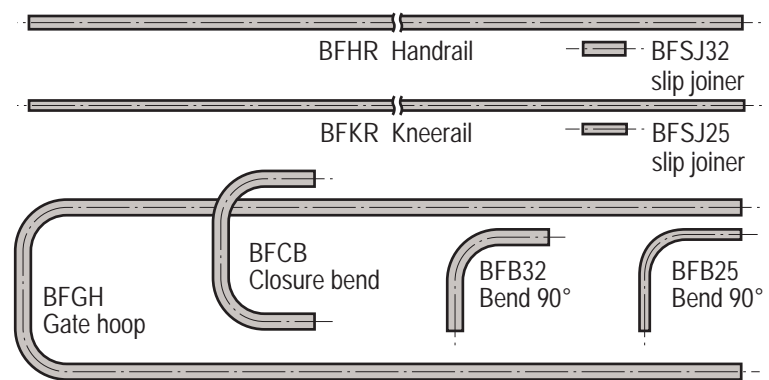
Description:	Tubular handrail system.
Material:	Post 48.3mm OD (40mm N.B) Handrail 42.4mm OD (32mm N.B) Kneerail 33.7mm OD (25mm N.B)
Finish:	Hot dip galvanised.
Height:	Ground to centre of handrail 1017mm. Ground to centre of kneerail 560mm.
Spacing:	Max post spacing 2 metres centre to centre.



See also Ball-fence Gates 2.6.1.

See also Ball-fence plus Menni 2.6.2.

PART No.	DESCRIPTION
BFHR	Hand rail 32 N.B. x 6 metres
BFKR	Knee rail 25 N.B. x 6 metres
BFEP-SM	End Post (Surface mount)
BFEP-BG	End Post (Cored)
BFTP-SM	Through Post (Surface mount)
BFTP-BG	Through Post (Cored)
BFCP-SM	Corner Post (Surface mount)
BFCP-BG	Corner Post (Cored)
BFB32	Bend 90° x 32 N.B.
BFB25	Bend 90° x 25 N.B.
BFCB	Closure Bend
BFGH	Additional 1.5 metre gate hoop
BFSJ32	Slip Joint 32 N.B.
BFSJ25	Slip Joint 25 N.B.
BFTP-AF	Through post adjustable foot
BFCP-AF	Corner post adjustable foot
BFTP	Taper Pin



BFEP-SM End post BFTP-AF Adjustable foot BFEP-BG End post BFTP-SM Through post BFTP-BG Through post BFCP-SM Corner post BFCP-AF Adjustable foot BFCP-BG Corner post

BALL-FENCE GATES

A self closing gate system that can be supplied with new Ball-fence installations or retrofitted to existing Ball-fence sites.

Ball-fence Gates can be installed in minutes for left or right hand operation, opening inwards or outwards. With adjustable hoop length and return spring pressure it ensures total flexibility of use.

Hot dip galvanised for indoor or outdoor use and comes supplied with all necessary mounting hardware.

Gate hoops

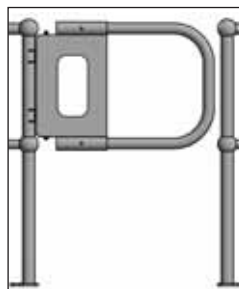
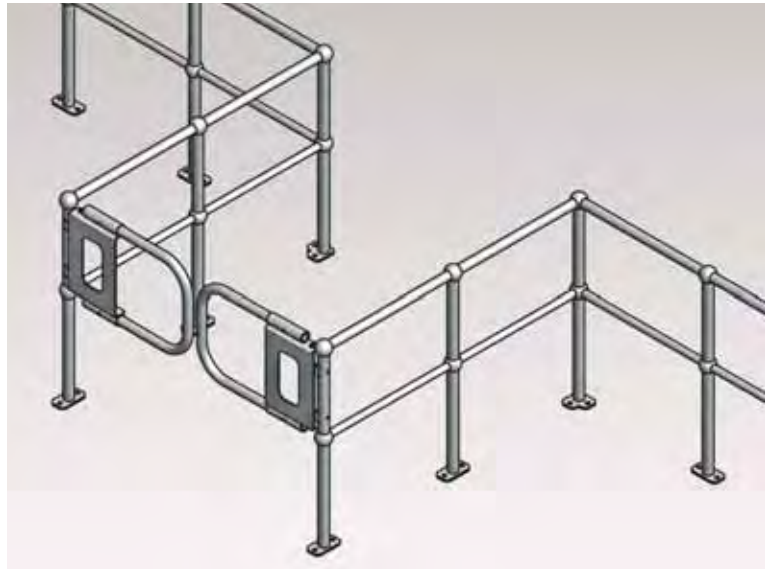
Ball-fence Gates come complete with a standard galvanised tubular hoop (42.4mm dia.) to suit a maximum 1500mm opening for single gates or 3000mm for double gates. Hoops are simply cut down to any length and fitted into the receiver tubes on the gate assembly.

Value features:

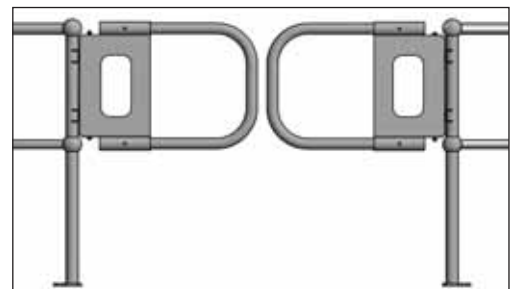
- » Fully adjustable.
- » Built-in gate stop.
- » Swing inward or outward.
- » Suits openings up to 3.0 metres (double gates).
- » Use as single or double gates.
- » Can be retrofitted to existing sites.
- » Hot dip galvanised.
- » Simple installation.

Specifications

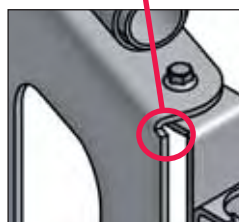
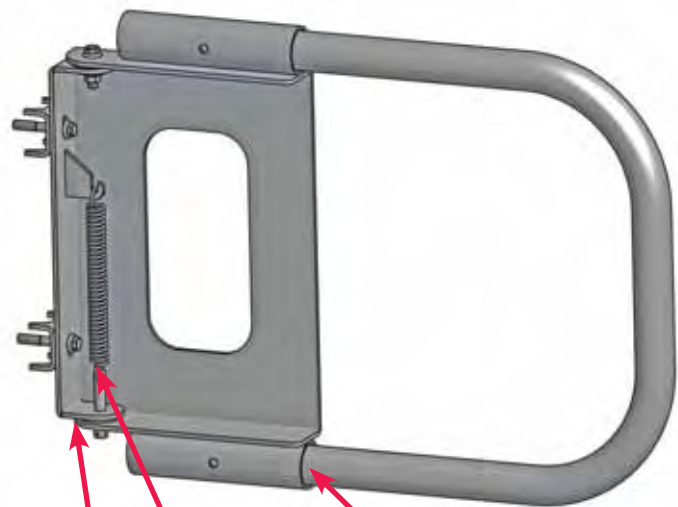
Description:	Ball-fence adjustable gate system.
Material:	Heavy steel construction. Hoop – 42.4 OD (32mm NB) medium gauge tube.
Weight:	Complete assembly with 1.5 metre hoop 18kg.
Finish:	Hot dip galvanised.
Height:	Matches up to hand & knee rails on fence.
Opening:	Single gates up to 1.5 metres. Double gates up to 3.0 metres.
Installation:	Bolted to existing posts – fixings supplied.



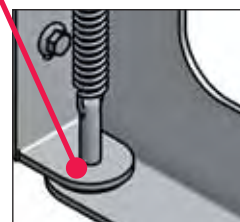
Single-gate up to 1.5 metre opening.



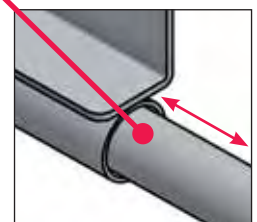
Double-gates up to 3 metre opening.



Built-in gate stop.



Adjustable spring pressure.



Adjustable hoop length.

WARNING

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IT'S AGAINST THE LAW – AVOID THE PAIN!

PART No.	DESCRIPTION
BFG	Ball-fence gate (complete with hoop)
BFGH	Additional 1.5 metre gate hoop

BALL-FENCE plus MENNI

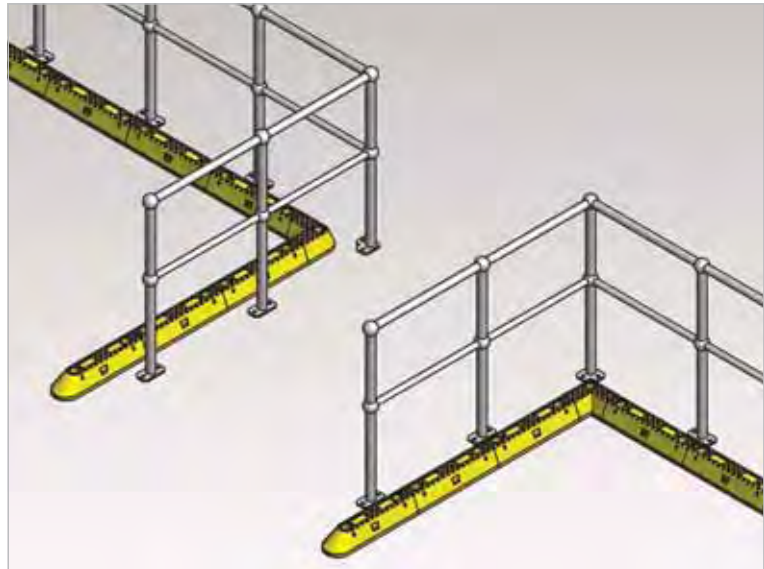
Menni is a set of super tough injection moulded modules that plug together like giant Lego™ in any combination.

Applications include protecting physical assets by preventing vehicles from coming into contact with them. Alternatively, when used with Ball-fence, Menni prevents the encroachment of forklifts and other vehicles into pedestrian zones, while protecting the Ball-fence.

Menni is manufactured in Australia from high tech Linear Low Density Polyethylene (LLDPE) with solid hi-viz safety yellow colour. The super tough impact absorbing modules won't fade, rot, rust or crack and have built-in reflectors for low light environments.

Value features:

- » Designed, developed and manufactured in Australia.
- » Designed to comply with AS1657:1992 for walkways.
- » Solid colour, U.V. stabilised.
- » Supplied with all fixings and connectors.
- » Slip resistant feature moulded into top surface.
- » Modular components allows modification or replacement at any time.
- » Total flexibility with endless applications.



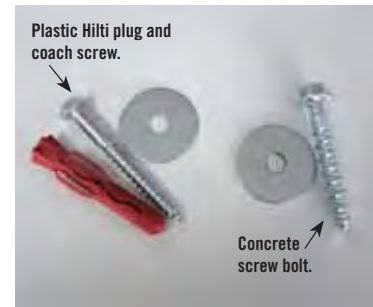
Asset and pedestrian protection.

Specifications

Description:	Menni modular asset protection system.
Material:	Injection moulded Linear Low Density Polyethylene (LLDPE).
Finish:	Solid colour – Hi-viz safety yellow.
Dimensions:	H100 x W150mm x L540mm (see Section 9 for full details)
Weight:	Approx. 4kgs per metre.
No. of fixings:	2 per module (supplied).
Connector / plugs:	3 per module (supplied).

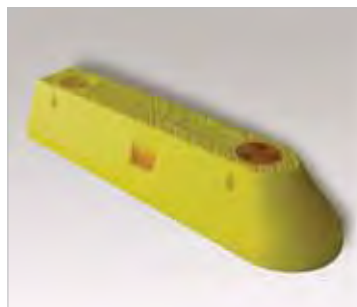
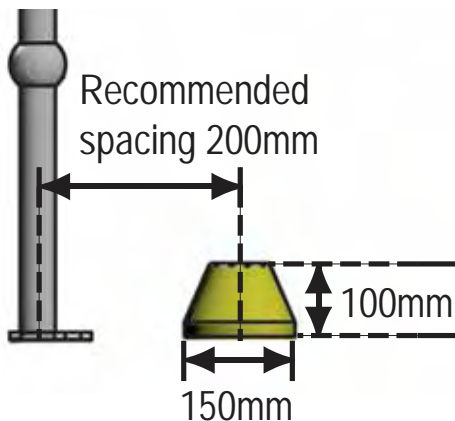


Coupled modules.

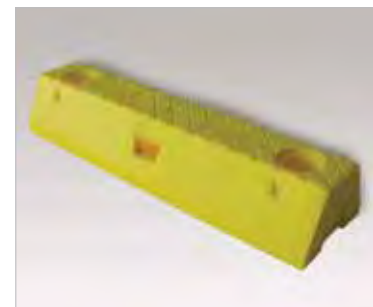


All fixings provided.

⚠ MORE INFORMATION See Section 9.



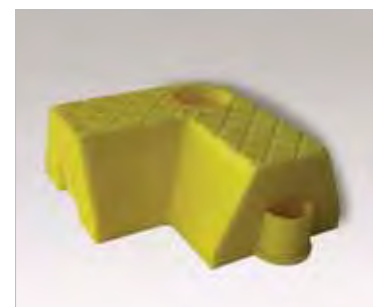
End module (optional top reflector).



Body module.



'T' module.



Corner module.

PART No.	DESCRIPTION
BME-Y	Menni end module – Yellow
BMB-Y	Menni body module – Yellow
BMT-Y	Menni 'T' module – Yellow
BMC-Y	Menni corner module – Yellow
BMR	Optional top reflector plug