

05

VEHICLE & PARKING



Vehicle & Parking contains a wide range of products used for traffic management for both on and off road use, including wheel stops, cable protectors, car parking space protectors and height bars for undercover parking facilities.

This section also boasts a unique range of security products like our inhouse designed Scorpion wheel clamp and Blade Runner one-way road spikes. Many of the items in this section have been designed and developed by us in response to specific problems encountered by our customers.

You may also be interested in:



01 BOLLARDS & BARRIERS



02 PEDESTRIAN SEPARATION



04 SPEED HUMPS



08 SAFETY PRODUCTS

WHEEL STOPS



AS2890.1:2004 STATES:

Wheel stops may be provided where it is considered necessary to limit the travel of a vehicle into a parking space.

Typical uses of wheel stops include:

- (a) Controlling the kerb overhang where inconvenient or hazardous to pedestrians.
- (b) Inhibiting contact with an end barrier or high kerb.
- (c) Inhibiting encroachment into an opposing parking space. Wheel stops should be avoided in any situation where they may be in the path of pedestrians moving to or from parked vehicles, or crossing a car park for any other purpose.

Wheel stops shall be between 90 and 100mm in height, and 1650 ± 50mm in width.



The Menni system – world first design.

THE MENNI WHEEL STOP – MWS1650Y

The Menni wheel stop is a 3 module design made up of 2 ends and 1 body module from the Menni system. (See Section 9).

The Menni is our premium wheel stop. It has been developed and manufactured in Australia to comply with AS2890.1:2004 from ultra tough Linear Low Density Polyethylene (LLDPE). No recycled rubbish here! Menni has an outstanding list of value features as mentioned below.

Value features:

- » Absolutely unique world first design.
- » Australian made to AS2890.1:2004 for wheel stops and AS1657:1992 for walkways.
- » Modular design with 6 point fixing for improved hold down.
- » Solid colour, U.V. stabilised high tech polyethylene construction. Light weight with incredible strength.
- » Excellent outdoor weathering characteristics (min. 5 years) won't fade, chip or warp.
- » Strengthened mounting points (6) with large diameter load sharing washers.
- » Supplied with fixings, blanking plugs and built-in edge reflectors for improved visibility for approaching vehicles and pedestrians.
- » Slip resistant texture moulded into the top surface.
- » Optional top reflector plugs for improved pedestrian safety.



Manufactured in Australia.



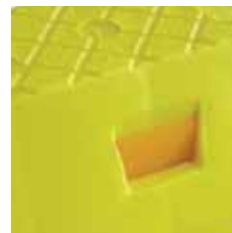
Slip resistant surface.



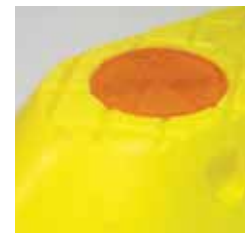
Unique module connection.



Supplied with all fixings

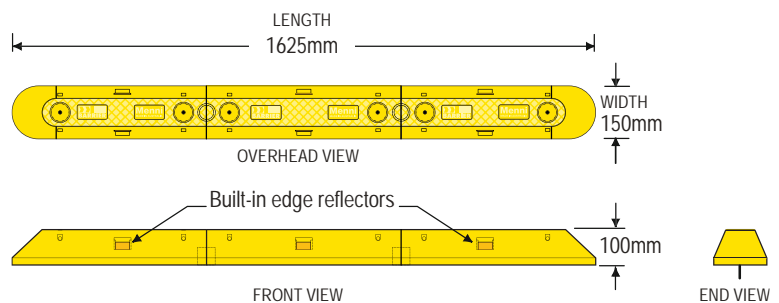


Standard edge reflectors.



Optional top reflectors.

MWS1650Y MENNI WHEEL STOP



Specifications:

- Description:** Menni modular wheel stop.
- Material:** Injection moulded Linear Low Density Polyethylene (LLDPE).
- Finish:** Solid colour. (Yellow standard, others on request).
- Dimensions:** 1625mm long x 100mm high x 150mm wide (assembled).
- Weight:** Approx. 5kgs (per wheel stop).
- No. of Fixings:** 2 per module, 6 total with blanking plugs (supplied).
- Connectors:** 1 off per module (supplied).

Menni – Much more than just a wheel stop

In total there are 4 modules in the Menni system – the body, end, T-intersection and 90 degree corner modules.

These four modules allow the Menni system to be used for an almost endless array of applications. These include wheel stops, kick rails for asset protection, the basis of our FRP pedestrian fence system and traffic delineation to mention just a few. For more information on the Menni system refer to Section 9 of this catalogue.

PART No.	DESCRIPTION
MWS1650Y	Menni 3 piece wheel stop – yellow (fixings supplied)
BMR	Optional top reflector plugs
SPIKES	Optional steel gravel spikes 300 x 12mm each



RUBBER WHEEL STOP – RWS1650

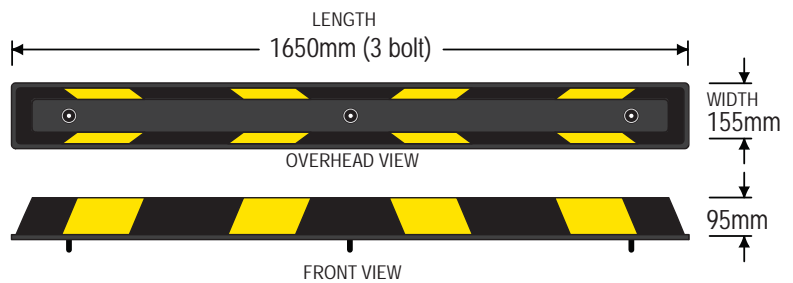
An economical one piece rubber wheel stop with hi-viz yellow panels. Manufactured from recycled materials with dimensions that comply to AS2890.1:2004. Suited to use in factories, warehouses and car parks etc. Comes complete with fixings.

Value features:

- » Complies with AS2890.1:2004.
- » Economical and simple to install.
- » Solid moulded construction.
- » Recycled materials won't chip or corrode.
- » Comes complete with fixings.

Specifications:

Description:	Recycled rubber wheel stop.
Material:	Recycled rubber.
Finish:	Solid black rubber with yellow panels.
Length:	1650mm.
Width:	155mm.
Weight:	12kgs.
Fixings:	3 x 150mm masonry anchors. (Gravel spikes optional).



RWS1650 RUBBER WHEEL STOP

SECTION 5.1.3



PLASTIC WHEEL STOP – PWS1650

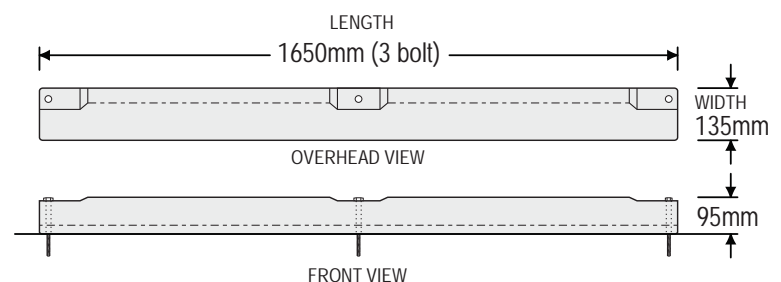
A grey wheelstop manufactured in Australia from recycled materials to comply with AS2890.1:2004. Suited for use in factories, warehouses and car parks etc. Supplied complete with fixings.

Value features:

- » Complies with AS2890.1:2004.
- » Economical and simple to install.
- » Solid moulded construction.
- » Recycled materials won't chip or corrode.
- » Comes complete with fixings.

Specifications:

Description:	Recycled plastic wheel stop.
Material:	Recycled plastic.
Finish:	Solid colour.
Length:	1650mm.
Width:	135mm.
Height:	95mm.
Weight:	9kgs.
Fixings:	3 x 150mm masonry anchors, or optional asphalt spikes.



PWS1650 PLASTIC WHEEL STOP



PLACEMENT OF WHEEL STOPS ACCORDING TO AS2890.1:2004



Front into a low kerb.



Rear into a low kerb.



Front into a high kerb or wall.



Rear into a high kerb or wall.

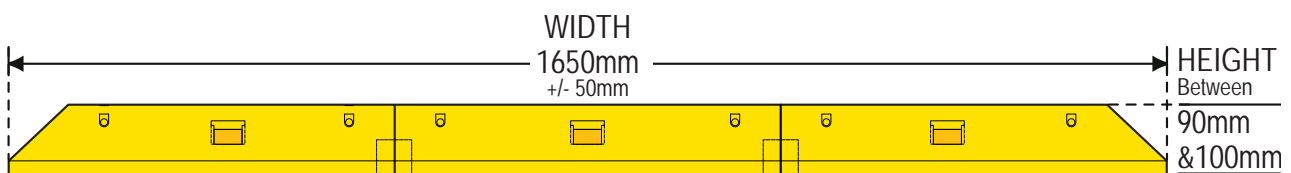
Wheel stops may be provided where it is considered necessary to limit the travel of a vehicle into a parking space.

Typical uses of wheel stops include:

- Controlling the kerb overhang where inconvenient or hazardous to pedestrians.
- Inhibiting contact with an end barrier or high kerb.
- Inhibiting encroachment into an opposing parking space. Wheel stops should be avoided in any situations where they may be in the path of pedestrians moving to or from parked vehicles, or crossing a car park for any other purpose.

Wheel stops shall be between 90 and 100mm in height, and 1650 ± 50mm in width.

1. Wheel stop distances shown are for 100mm high wheel stops and measured from the front of the parking space to the point of contact with the vehicle tyre.
2. If wheel stops are provided to restrain vehicle contact with a kerb higher than 150mm or a wall, a further 200mm shall be added to the wheel stop distance.
3. The maximum height of wheel stops under AS2890.1:2004 is 100mm. Most concrete wheel stops do not comply with the standard as they exceed the maximum height.



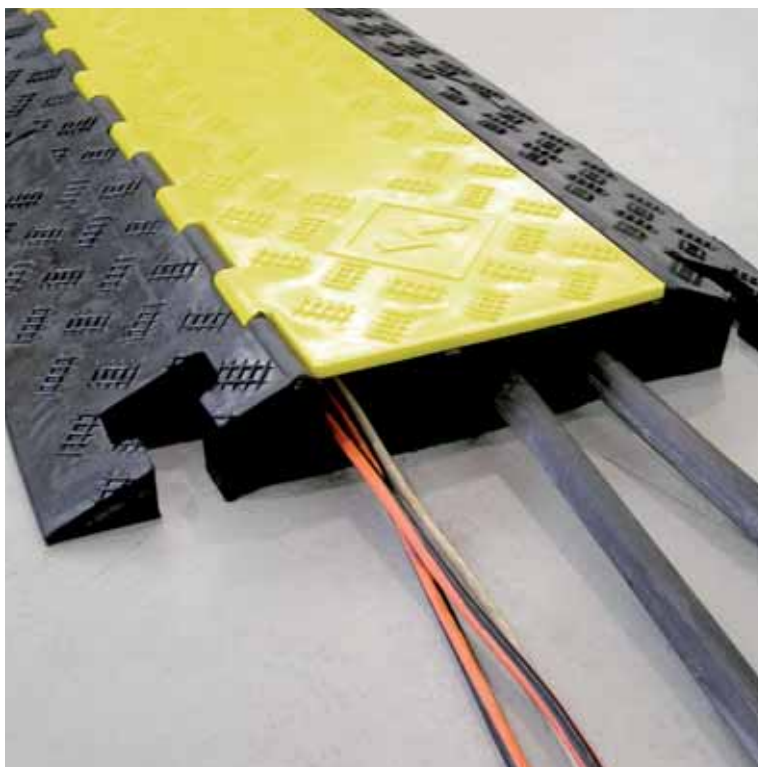
Minimum and maximum wheel stop dimensions to comply with AS2890.1:2004.

CABLE PROTECTORS 3 & 5 Channel

Moulded rubber cable protectors designed for the temporary protection of both assets from damage and pedestrians from tripping hazards. Available in either 3 or 5 channel designs. The bodies of these rugged cable protectors are manufactured from a combination of new and recycled rubber, while the hinged lids are tough flexible rubber/plastic composite in high visibility safety yellow. One metre modules, left or right hand 45° bends and end cap sets allow for flexibility when setting out. Recommended for short term, light duty vehicle and pedestrian traffic. Able to withstand 10 tonne per axle loading.

Value features:

- » Available in 3 or 5 channel.
- » Robust construction.
- » Hinged lids for ease of use.
- » Provides safe passage to pedestrians.
- » Protects valuable cables and hoses.
- » Chunky interlocking connectors.
- » Flexible modular design.



1 metre body modules in 3 or 5 channel.

Specifications:

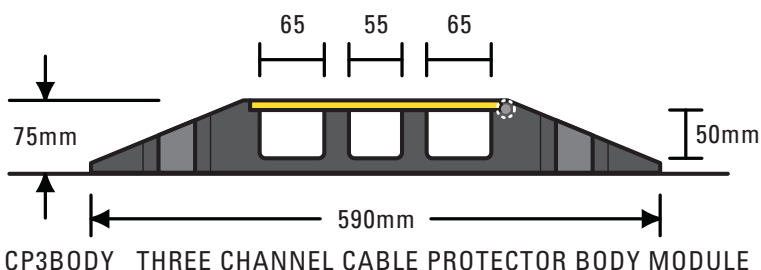
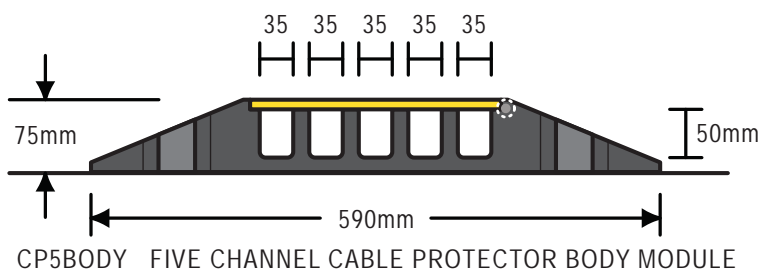
Description:	Hinged lid cable protectors.
Material:	Rubber body with rubber/plastic lids.
Length:	Body 900mm.
Width:	590mm.
Height:	75mm.
Channel size:	3 channels at W65mm x D50mm. 5 channels at W35mm x D50mm.
Weight:	3 Channel 25.5kgs/mtr. 5 Channel 23kgs/mtr. 45° Bends 12kgs each. Ends 8kgs/pair.
Load rating:	10 tonne per axle.
Installation:	Interlocking connectors. No tools required.



45 degree bends (left or right).



End modules sold as pairs.



PART No.	DESCRIPTION
CP3BODY	3 Channel cable protector body
CP3LBEND	3 Channel 45 degree left bend
CP3RBEND	3 Channel 45 degree right bend
CP3ENDS	3 Channel end modules (pair)
CP5BODY	5 Channel cable protector body
CP5LBEND	5 Channel 45 degree left bend
CP5RBEND	5 Channel 45 degree right bend
CP5ENDS	5 Channel end modules (pair)



CABLE PROTECTORS – 2 Channel

A durable moulded rubber cable protector designed for the temporary protection of assets from damage and pedestrians from tripping hazards.

The bodies of these rugged cable protectors are manufactured from a combination of new and recycled rubber, while the hinged lids are tough, flexible rubber/plastic composite in hi-viz safety yellow.

Recommended for short term, light duty vehicle and pedestrian traffic.

Not recommended for forklift or truck traffic.

Value features:

- » Robust construction.
- » Hinged lid for ease of use.
- » Provides safe passage to pedestrians.
- » Interlocking 1 metre modules.
- » Protects valuable cables and hoses.



Specifications:

Description:	Hinged lid cable protector.
Material:	Rubber body with rubber/plastic lid.
Length:	1 metre.
Width:	250mm.
Height:	50mm.
Channel size:	2 channels at 30 x 30mm.
Weight:	7.25kg/metre.
Installation:	Interlocking modules. No tools required.

PART No.	DESCRIPTION
CP2BODY	2 channel cable protector

SECTION 5.2.2



CABLE PROTECTORS – Pedestrian

A tough one-piece moulded polyethylene cable protector designed to protect cables from damage and pedestrians from tripping hazards.

Simply fitted by positioning the modules over existing cables or hoses. The interlocking modules are produced in a hi-viz safety yellow with a slip resistant surface.

Recommended for short term or temporary pedestrian traffic.

Ideal for construction and renovation works, or in office environments.

Value features:

- » Simple drop over design.
- » High visibility safety yellow finish.
- » Handy 1010mm long interlocking modules.
- » Low profile design.



Specifications:

Description:	Drop over cable protector.
Material:	Moulded polyethylene.
Length:	1010mm.
Width:	135mm.
Height:	20mm.
Channel size:	Single channel at 40 x 12mm.
Weight:	1.3kg/metre.
Installation:	Interlocking drop over modules. No tools required.

PART No.	DESCRIPTION
CP1BODY	Drop over cable cover



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