

HGV Traffic Control Plate

Product Code: NMFP-01

Product Features

- Suitable for both cars & HGV's
- Heavy Duty Chequer Plate, designed for high traffic areas
- Built in ramp acts as a traffic calmer
- Alternating black and yellow sections for added visibility
- Modular design to build ramp width as required
- Sophisticated in-built counter balance and heavy duty spring action
- Surface mounted – no need for drainage channel
- 8 no fixing holes per plate
- Quick and easy to install



Product Information

Designed to encourage one way traffic flow, whilst also acting to deter unauthorised access by vehicles entering areas via the wrong direction. This product is suitable for HGV's and cars alike.

Heavy duty construction and high tensile springs make this product ideal for high traffic areas such as Retail Parks, Hospitals, and Universities etc....

Constructed from robust heavy steel plate, a sophisticated in-built counter balance or heavy duty spring action ensures that it returns to its upright position after a vehicle has passed over it.

Finished in yellow and black sections for added visibility, and being raised additionally allows the product to act as a speed ramp.

The ramp is surface fixed, and requiring no drainage channel makes this product easy to install

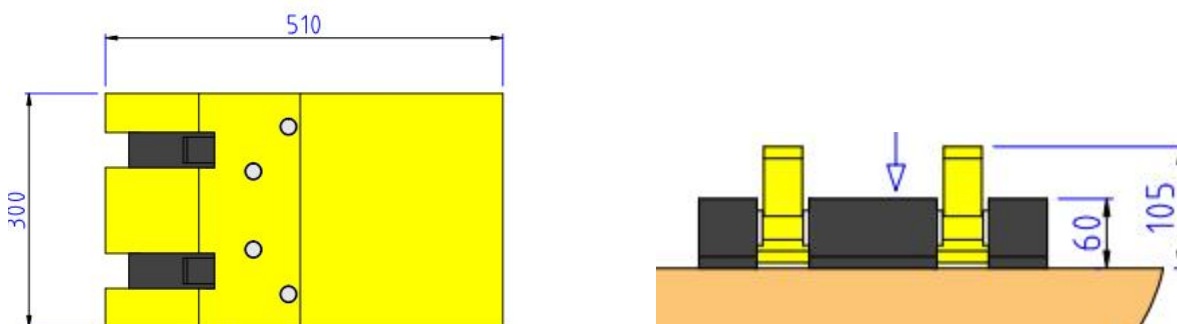
Specification

Material: Heavy duty 8mm chequer plate steel

Dimensions: 510mm (depth) x 300mm (width) x 105mm (height including upright teeth)

Height of ramp with teeth depressed is 60mm

Installation: Surface mounted ideal for concrete applications



(Warning) While this product has not been designed to damage vehicles which pass over in the wrong direction, there is a risk that vehicles may suffer damage if the product is driven over the wrong way. We strongly advise the use of warning signage all traffic flow control products.

Installation

The product can be installed by using two methods of fixing a) surface mounted by bolting down with rubber expanding bolts or b) laying a concrete raft and fixing with anchor bolts.

Asphalt surface mounting:

This method should only be used if the asphalt surface is older than 6 months and has a crust of asphalt depth of 50mm or greater

The Flow Plate or Ramp should be fitted to tarmac surfaces using Rubber Rawl Bolts. Rubber fixing plugs have an outside diameter of 24mm and are 75mm in depth; the actual bolt size is an M12 x 100mm.

The flow plate should be laid in desired location, drill hole area should then be marked out. All holes should be drilled prior installation, do not fit the product until all of the surface holes have been drilled out.

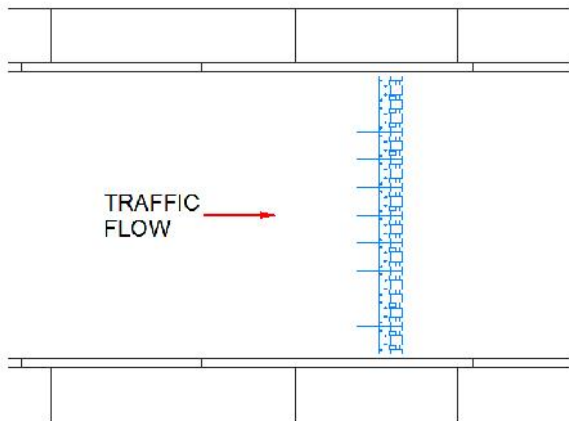
Important note: The rubber plugs and fixing bolt should be fitted to the product prior being dropped into location. Once the bolts have been loosely fitted drop the entire unit into the pre-drilled holes, you will save hours of time!



Fitting a concrete raft:

This method should be used if the existing road surface is in poor condition, or is newer than six months old or has an asphalt surface depth of less than 50mm.

A concrete foundation/slab should be laid, reinforcing should not be used. Once the concrete has set the product should be fitted as per the diagram below.



Road Width	No of plates
2.5 m	7
3 m	8
3.5 m	10
4 m	12
4.5 m	13
5 m	15
5.5 m	17
6 m	18
6.5 m	20
7 m	22

HGV Flow Plate

Product Code: NMFP-01



Product Features

- Suitable for both cars & HGV's (reduced flap)
- Heavy Duty Chequer Plate
- High quality Oil Lite bushes and stainless steel pin
- Popular design
- Can be locked down for temporary use in both directions
- Surface mounted – no need for drainage channel
- 8 no fixing holes per plate
- Quick and easy to install

Product Information

Should be used in conjunction with speed ramps to slow down the traffic travelling over the product.

The HGV flow plate is specifically manufactured for use by HGV's and light vehicles. The key difference between this product and the standard flow plate is the material size used is a far heavier gauge (10mm) thick Durbar checker plate. The product is manufactured using high quality Oil-Lite bush hinge system to allow for heavier vehicle usage and offers greater protection to the hinge mechanism.

The HGV Flow Plate uses a high tensile spring mechanism to keep the plate in the upright position; springs are replaceable and can be maintained easily. The flow plate product is surface mounted; therefore there is no requirement to carry out extensive civil works. It is easily installed by bolting to most surface types.

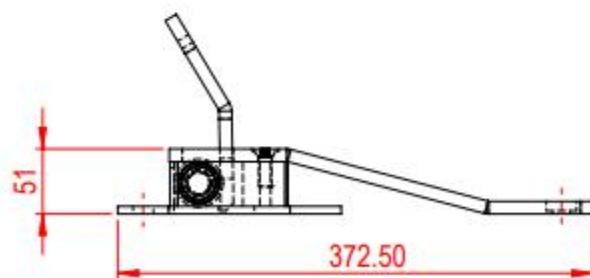
Specification

Material: Heavy duty 10mm chequer plate steel

Dimensions: 372mm (depth) x 420mm (width) x 115mm (flap upright)

Height of plate with flap depressed is 51mm

Installation: Surface mounted



Width of plate 420mm

Flap Height 115mm

(Warning) While this product has not been designed to damage vehicles which pass over in the wrong direction, there is a risk that vehicles may suffer damage if the product is driven over the wrong way. We strongly advise the use of warning signage all traffic flow control products.

Installation

The product can be installed by using two methods of fixing a) surface mounted by bolting down with rubber expanding bolts or b) laying a concrete raft and fixing with anchor bolts.

Asphalt surface mounting:

This method should only be used if the asphalt surface is older than 6 months and has a crust of asphalt depth of 50mm or greater

The Flow Plate or Ramp should be fitted to tarmac surfaces using Rubber Rawl Bolts. Rubber fixing plugs have an outside diameter of 24mm and are 75mm in depth; the actual bolt size is an M12 x 100mm.

The flow plate should be laid in desired location, drill hole area should then be marked out. All holes should be drilled prior installation, do not fit the product until all of the surface holes have been drilled out.

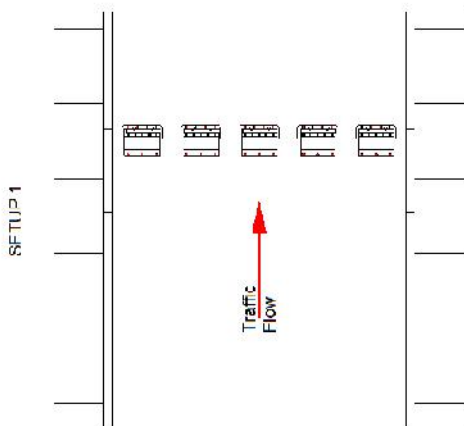
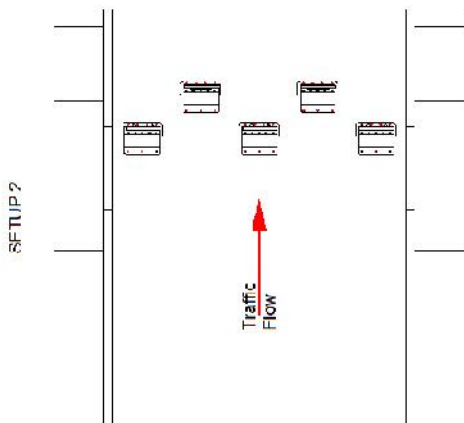
Important note: The rubber plugs and fixing bolt should be fitted to the product prior being dropped into location. Once the bolts have been loosely fitted drop the entire unit into the pre-drilled holes, you will save hours of time!



Fitting a concrete raft:

This method should be used if the existing road surface is in poor condition, or is newer than six months old or has an asphalt surface depth of less than 50mm.

A concrete foundation/slab should be laid, reinforcing should not be used. Once the concrete has set the product should be fitted as per the diagram below.



Road Width	No of plates
2.5 m	4
3 m	5
3.5 m	6
4 m	7
4.5 m	7
5 m	8
5.5 m	9
6 m	10
6.5 m	11
7 m	12

Standard Flow Plate

Product Code: NMFP-03

Product Features

- For use by cars only
- Ideal for residential car parks
- High quality Oil Lite bushes and stainless steel pin
- Popular design
- Can be locked down for temporary use in both directions
- Surface mounted – no need for drainage channel
- 6 no fixing holes per plate
- Quick and easy to install



Product Information

The standard flow plate is an ideal solution for smaller car parks with a low to medium yield of traffic flow. Manufactured in the UK, this is a tough and durable product designed to encourage the flow of traffic in one direction. The standard flow plate is manufactured in chequer plate and finished in a bright yellow for added visibility. Speed ramps should be used in conjunction with this product to ensure that traffic drives over at the correct speed (5mph)

This product is only suitable for cars and light commercial vehicles up to a maximum of 1 ton per axel. Standard flow plates are bolted to the surface using 6 fixing bolts which makes this a good solution for multi-story car parks and areas where excavation is not possible.

**** Not suitable for use by HGV's ****

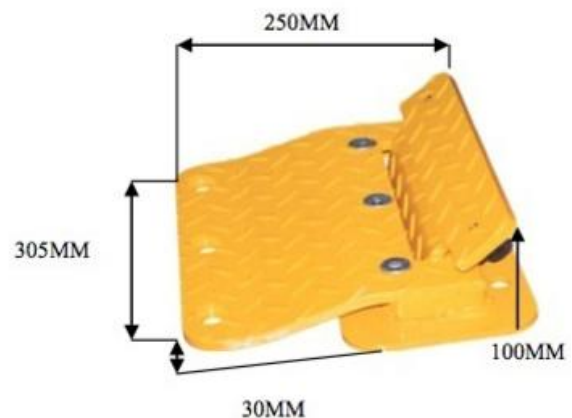
Specification

Material: Chequer plate steel

Dimensions: 250mm (depth) x 366mm (width) x 100mm (flap upright)

Height of plate with flap depressed is 34mm

Installation: Surface mounted



(Warning) While this product has not been designed to damage vehicles however travelling over the flow plate in the wrong direction, there is a risk that this may occur in some instances cause damage to your tyres. We strongly advise the use of warning signage all traffic flow control products.

Installation

The product can be installed by using two methods of fixing a) surface mounted by bolting down with rubber expanding bolts or b) laying a concrete raft and fixing with anchor bolts.

Asphalt surface mounting:

This method should only be used if the asphalt surface is older than 6 months and has a crust of asphalt depth of 50mm or greater

The Flow Plate or Ramp should be fitted to tarmac surfaces using Rubber Rawl Bolts. Rubber fixing plugs have an outside diameter of 24mm and are 75mm in depth; the actual bolt size is an M12 x 100mm.

The flow plate should be laid in desired location, drill hole area should then be marked out. All holes should be drilled prior installation, do not fit the product until all of the surface holes have been drilled out.

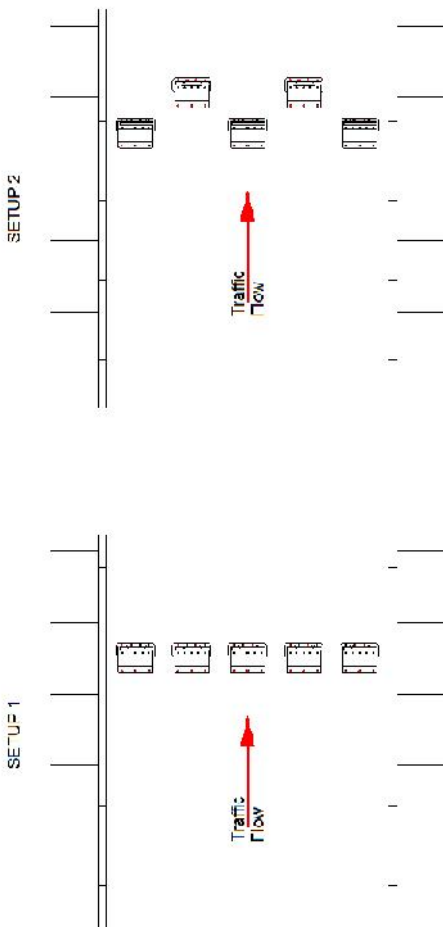
Important note: The rubber plugs and fixing bolt should be fitted to the product prior being dropped into location. Once the bolts have been loosely fitted drop the entire unit into the pre-drilled holes, you will save hours of time!



Fitting a concrete raft:

This method should be used if the existing road surface is in poor condition, or is newer than six months old or has an asphalt surface depth of less than 50mm.

A concrete foundation/slab should be laid, reinforcing should not be used. Once the concrete has set the product should be fitted as per the diagram below.



Road Width	No of plates
2.5 m	4
3 m	5
3.5 m	6
4 m	7
4.5 m	7
5 m	8
5.5 m	9
6 m	10
6.5 m	11
7 m	12

Directional Ramp

Product Code: NMFP-04



Product Features

- Suitable for both cars & HGV's
- Quiet operation – ideal for residential areas !
- Easily maintained as each cartridge can be replaced without removal of the ramp
- Heavy Duty Chequer Plate, designed for high traffic areas
- Built in ramp acts as a 10mph traffic calmer
- Highly visible black / yellow ramp with red reflective cats eyes
- Modular design to build ramp width as required
- Separate bolt down End Sections
- Surface mounted – no need for drainage channel
- 4 no fixing holes per plate
- Quick and easy to install

Product Information

The ramp is manufactured as a mid section, with end pieces which can be purchased separately and are bolted down alongside the edge of the ramp to form an end cap if required. This enables the ramp to be made into various styles, continuous ramp, with end section each side, or can be made into individual ramps with end plates each side.

The use of traffic control flow plates can be a strong deterrent against vehicles travelling in the wrong direction. Flow plates and Directional Ramps are typically fitted in car parks, airports and hospitals however they are beneficial where a one way system would be required.

Directional Ramps use differing methods to deter traffic, directional ramps such as the ones shown are highly visible with their High Density Polyethylene teeth with built in reflective studs provide an effective visual deterrent required to prevent traffic from travelling in the wrong direction.

Specification

Material: Chequer plate steel

Dimensions: 600mm (depth) x 490mm (width) x 105mm (height including upright teeth)

Height of ramp with teeth depressed is 50mm

Installation: Surface mounted



(Warning) While this product has not been designed to damage vehicles however travelling over the flow plate in the wrong direction, there is a risk that this may occur in some instances cause damage to your tyres. We strongly advise the use of warning signage all traffic flow control products.

Installation

The product can be installed by using two methods of fixing a) surface mounted by bolting down with rubber expanding bolts or b) laying a concrete raft and fixing with anchor bolts.

Asphalt surface mounting:

This method should only be used if the asphalt surface is older than 6 months and has a crust of asphalt depth of 50mm or greater

The Flow Plate or Ramp should be fitted to tarmac surfaces using Rubber Rawl Bolts. Rubber fixing plugs have an outside diameter of 24mm and are 75mm in depth; the actual bolt size is an M12 x 100mm.

The flow plate should be laid in desired location, drill hole area should then be marked out. All holes should be drilled prior installation, do not fit the product until all of the surface holes have been drilled out.

Important note: The rubber plugs and fixing bolt should be fitted to the product prior being dropped into location. Once the bolts have been loosely fitted drop the entire unit into the pre-drilled holes, you will save hours of time!

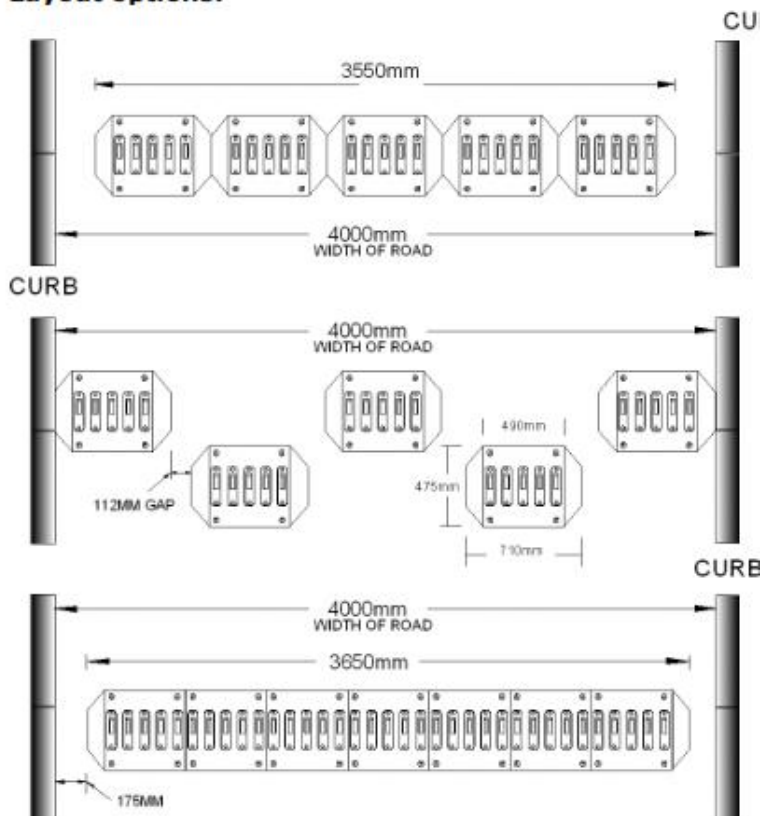


Fitting a concrete raft:

This method should be used if the existing road surface is in poor condition, or is newer than six months old or has an asphalt surface depth of less than 50mm.

A concrete foundation/slab should be laid, reinforcing should not be used. Once the concrete has set the product should be fitted as per the diagram below.

Layout options:



Road Width	No of plates
2.5 m	4
3 m	5
3.5 m	6
4 m	7
4.5 m	7
5 m	8
5.5 m	9
6 m	10
6.5 m	11
7 m	12