



Call our Expert Sales Team for more information.

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Heavy-Duty Impact Protection & Infrastructure Safeguarding

Engineered for maximum impact resistance in critical material handling environments, our Potted Bollards deliver heavy-duty asset protection and reliable vehicular segregation for loading bays, logistics centres, and busy warehouses. Manufactured from robust mild steel and hot-dip galvanised to BS EN ISO 1461, the core is enhanced by high-visibility, colour-coded cover kits, providing exceptional corrosion resistance alongside clear, immediate safety zone demarcation.

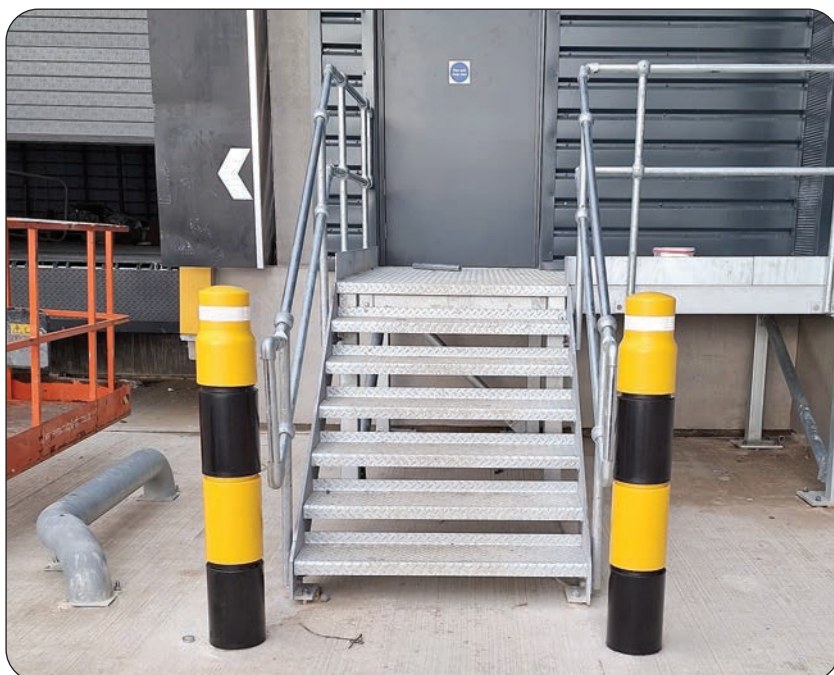
Sunk securely below ground and concreted in place to absorb and distribute kinetic force, the system protects both the bollard itself and the surrounding floor architecture from accidental collisions—offering facilities managers, logistics operators, and industrial contractors a highly durable, BS-compliant solution for keeping personnel, machinery, and heavy vehicles safely separated.

Key Features

- ☉ **Below Surface Installation**
(Designed to be sunk below ground and secured with concrete)
- ☉ **Galvanised Mild Steel Core**
(Mild steel hot-dip galvanised to BS EN ISO 1461 for long-term resilience)
- ☉ **High-Visibility Safety Covers**
(Equipped with brightly coloured cover kits to maximise visibility)
- ☉ **Extreme Impact Resistance**
(Designed to withstand collisions from forklifts and large vehicles)
- ☉ **Versatile Sizing & Full Compliance**
(Multiple height/diameters, built in accordance with British Standards/Regs)

Suitable For

- ☉ Warehousing & Distribution Facilities
- ☉ Commercial Loading Bays
- ☉ Logistics & Transport Hubs
- ☉ Industrial Manufacturing Plants
- ☉ Restricted Safety & Caution Zones



See the full potted bollard range here [CLICK HERE](#)

Choosing the Right Bollard for Your Project

STEP 1: CHOOSE THE RIGHT DIAMETER FOR THE IMPACT RISK

The thickness of the bollard's mild steel core dictates its structural strength and ability to halt heavier equipment.

168mm Diameter: The standard choice for internal warehouse zones, pedestrian walkways and protecting pallet racking from forklift/pallet truck impacts.

219mm Diameter: Designed for maximum heavy-duty protection. Essential for high-risk zones, commercial loading bays and protecting critical structural columns where there is risk of collision from HGVs.

STEP 3: MATCH THE COVER COLOUR TO THE SAFETY ZONE

Our potted bollards feature high-visibility, colour-coded kits to immediately communicate hazard levels to drivers and pedestrians.

Yellow and Black: Industry standard for general caution areas, forklift routes and warehouse vehicle segregation.

Black and Yellow: An alternative hazard marking format.

Red & White: Reserved for high-alert areas, restricted zones, fire escapes and no-entry points where maximum visual deterrence is required.

STEP 2: SELECT THE IDEAL HEIGHT FOR VEHICLE TYPES

Potted bollards must be tall enough to remain in the driver's line of sight and protect valuable infrastructure above ground level.

0.96m High: Ideal for low-profile protection for internal boundaries.

1.2m High: A versatile option for mixed traffic zones and standard loading bays.

1.5m High: Maximum height for environments with HGVs, elevated loading trucks or logistics hubs. This ensures the bollard is visible in the mirrors of large cabs and protects higher touch points on shutter doors and gatehouses.

STEP 4: PLAN FOR SUB-SURFACE (POTTED) INSTALLATION

Unlike surface-mounted alternatives, potted bollards rely on deep-rooted anchorage to absorb kinetic energy.

Excavation Depth: As a general rule, at least 25-30% of the bollard's length should be below ground level.

Concrete Foundation: Once the steel core is in the excavated hole, it must be securely set in concrete.

Spacing Rules: Standard best practice dictates spacing bollards roughly 1.2-1.5m apart.



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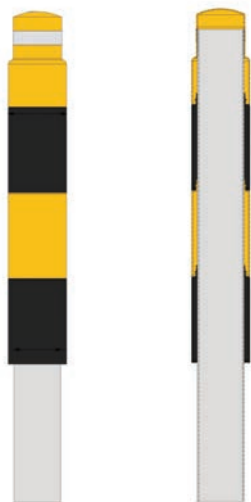
Technical Specifications

PRODUCT	HEIGHT	DIAMETER	POST TYPE	MATERIAL	COLOUR
0.9m HIGH x 168m WIDE POTTED BOLLARD WITH COVER KIT	960mm AFFL (Above Finished Floor Level) 1400mm (Total)	168.3mm	Potted/Dig In	Galvanised Steel Core Cover is Polymer with 500mm Reflective Band	Yellow & Black Black & Yellow Red & White
1.2m HIGH x 168m WIDE POTTED BOLLARD WITH COVER KIT	1200mm AFFL (Above Finished Floor Level) 1700mm (Total)	168.3mm	Potted/Dig In	Galvanised Steel Core Cover is Polymer with 500mm Reflective Band	Yellow & Black Black & Yellow Red & White
1.2m HIGH x 219m WIDE POTTED BOLLARD WITH COVER KIT	1200mm AFFL (Above Finished Floor Level) 1700mm (Total)	219mm	Potted/Dig In	Galvanised Steel Core Cover is Polymer with 500mm Reflective Band	Yellow & Black Black & Yellow Red & White
1.5m HIGH x 168m WIDE POTTED BOLLARD WITH COVER KIT	1500mm AFFL (Above Finished Floor Level) 2000mm (Total)	168.3mm	Potted/Dig In	Galvanised Steel Core Cover is Polymer with 500mm Reflective Band	Yellow & Black Black & Yellow Red & White
1.5m HIGH x 219m WIDE POTTED BOLLARD WITH COVER KIT	1500mm AFFL (Above Finished Floor Level) 2000mm (Total)	219mm	Potted/Dig In	Galvanised Steel Core Cover is Polymer with 500mm Reflective Band	Yellow & Black Black & Yellow Red & White

Galvanised Steel Core: Compliant with BS EN ISO 1461

Dig In Depth = 500mm

Recycling Group: Mild Steel (core) / PE4 (cover)



Heavy Duty Potted Bollard

Engineered to take the hit so your facility floor doesn't have to. Unlike standard surface-mounted bollards that can shear off and fracture expensive concrete slabs during a forklift collision, our potted design absorbs and safely distributes kinetic force deep underground.

- **Deep-Rooted Structural Integrity:** Installed using a diamond core drill and cast securely in concrete to a depth of 500mm. This sub-surface foundation requires zero floor anchors, completely eliminating the risk of ripped bolts and the need for ongoing hardware maintenance.
- **Survey-Ready Specifications:** The total installation depth equals the finished above-ground height plus the 500mm root. Site surveys must account for this requirement to safely clear any underground utilities or service slabs before drilling commences.
- **Weatherproof Galvanised Core:** Manufactured from heavy-duty mild steel and hot-dip galvanised to BS EN ISO 1461, guaranteeing relentless corrosion resistance even in the most demanding outdoor environments.
- **Swap-and-Go Polymer Covers:** The structural core is shielded by a UV-stabilised LLDPE polymer sleeve that delivers maximum visibility and extra impact absorption without ever needing a drop of paint. If a heavy collision scuffs or damages the sleeve, simply slide a replacement over the intact steel core—drastically reducing maintenance costs and operational downtime. Routine cleaning requires only warm, soapy water.



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