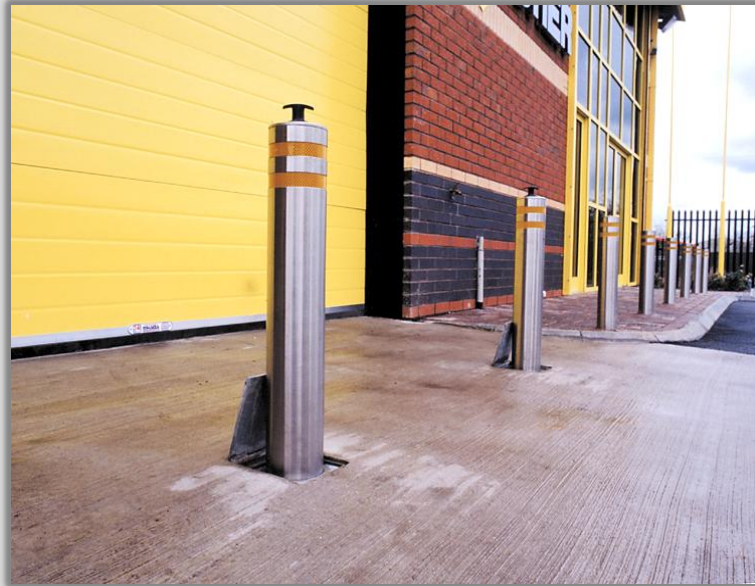


# 114/670 BOLLARD RANGE

**Operation Types:** Heavy Duty Fully Retractable or Static, Lightweight Fully Retractable, Lift-Out or Static



## PRODUCT OVERVIEW

The 114/670 security bollard range offers ram-raid protection for multiple applications. With an increased diameter this product offers an aesthetically pleasing, more imposing deterrent to unauthorised vehicle attack. It is available in a fully retractable, static, lightweight or lift-out version.

The **Fully Retractable model** is available in a lightweight or heavy duty version. The heavy duty version comes with a unique lift-assist mechanism which enables the product to provide heavy duty robust security which can be utilised by all as the lift-assist mechanism reduces the product's lifting weight by up to 60%. Available in a galvanised or RAL colour finish with a 5mm wall thickness or in a stainless-steel finish with a 6mm wall thickness.

The **Lightweight Retractable** version comes with a reduced wall thickness (3.2mm) and is only available in Stainless-steel. This version does not require a lift-assist mechanism.

The **Lift-Out model** comes in Stainless-steel only with a wall thickness of 3.2mm giving the same aesthetically pleasing, great visual deterrent bollard in a light weight model. The required foundation depth is reduced by 50% compared to the fully retractable model, making it suitable for areas where it is not possible to install a full outer casing.

A **Static model** of the 114/670 Bollard is also available in both the lightweight & heavy duty version and can be used to protect infrastructures where vehicle access is totally prohibited such as glass shop fronts or ATM machines; available in galvanised, RAL colours or with a Stainless-steel finish.

## TO PROTECT

Car showrooms and garage forecourts, university campuses, and sports stadia to name just a few. With an increased diameter this product offers an aesthetically pleasing, more imposing deterrent to unauthorised vehicle attack.

## FINISHES AND OPTIONAL EXTRAS

Stainless-steel folding handle | Sold Secure lock | Spare storage socket for the lift-out version | Available in galvanised, Stainless-steel or a RAL colour finish (as outlined above).

## SECURITY RATING

Insurance company recommended by Aviva, AXA, Norwich Union & Allianz Insurance PLC. Approved by the Secure by Design Accreditation.

## 114/670 BOLLARD STATISTICS

	FULLY RETRACTABLE (Heavy Duty)	FULLY RETRACTABLE (Lightweight)	LIFT-OUT (Lightweight)	STATIC (Heavy Duty)	STATIC (Lightweight)
<b>BOLLARD DIAMETER</b>	114mm	114mm	114mm	114mm	114mm
<b>CASING DIAMETER</b>	150mm	150mm	150mm	N/A	N/A
<b>HEIGHT ABOVE GROUND</b>	670mm	670mm	670mm	670mm	670mm
<b>FOUNDATION DEPTH</b>	1050mm	1050mm	550mm	630mm	630mm
<b>FINISHES AVAILABLE</b>	GV, RC, SS	SS	SS	GV, RC, SS	SS
<b>WALL THICKNESS</b>	5 - 6mm	3.2mm	3.2mm	5 - 6mm	3.2mm
<b>LIFTING WEIGHT</b>	6 - 7kg	9.7kg	9.7kg	N/A	N/A
<b>SHIPPING WEIGHT</b>	38 - 40kg	34.5kg	22.2kg	14 - 16kg	9kg

**Key:** GV – Galvanised, RC – RAL colour, SS – Stainless-steel

**Note:** All fixed bollards are supplied with an overall length of 1300mm and require a minimum foundation depth of 400mm.

