

VEHICLE ACCESS + HOSTILE VEHICLE MITIGATION

BOLLARDS + BLOCKERS

— AUTOMATIC ACCESS. ENGINEERED PROTECTION.



SUPPLIED + INSTALLED FROM \$6,000 INC GST*

SELECT. INTEGRATE. PROTECT.

*Semi-automatic bollard. See page 16.

0400 101 132
rjlcommercialgroup.com

A COMPLETE APPROACH TO VEHICLE ACCESS

CONTROL ACCESS. PROTECT PLACES.

From everyday entry control to documented vehicle-impact resistance, the right system starts with the site.

RJL coordinates product selection, controls, civil requirements and commissioning around the way your entrance needs to work.

03	Which system fits
04	Smart automatic access
05	600 mm rising range
06–10	Hydraulic + high security
11–12	BFT + FAAC brand ranges
13–14	Controllers + housings
15–17	Proven on site, pricing + maintenance
18–19	Ratings + technical references

ONE COORDINATED ENTRANCE.

ACCESS + CREDENTIALS

Scope remote commands, schedules, credentials, intercom and ANPR interfaces.

STATUS + SUPERVISION

Include controller feedback and event records where the selected hardware supports them.

SAFETY + VISIBILITY

Coordinate detection loops, photoelectric safety devices, warning signals and CCTV.

EMERGENCY + LIFECYCLE

Plan emergency access, operator training, preventative maintenance and asset records.

Final functionality and network access follow the agreed scope, compatible interfaces and site security policy.

THE DIFFERENCE BETWEEN EACH TYPE

WHICH SYSTEM FITS?

01 THREAT

Must it stop a vehicle driven at it deliberately? Only an impact-tested system, matched to its test record, does that.

02 GROUND

Can a pit be dug? If services or slabs limit depth, look at telescopic, sliding or surface-mounted options.

03 USE

How often will it move? Occasional suits semi-automatic; daily access suits electric or hydraulic.

TYPE	HOW IT WORKS	BEST SUITED TO	INSTALL NEEDS	IMPACT RATED
SEMI-AUTOMATIC Page 05	Key releases a spring-assisted rise; pushed down by hand.	Occasional access: service lanes, emergency routes.	In-ground housing and drainage. No power.	No
ELECTRIC AUTOMATIC Pages 04–05	Electric motor raises and lowers it by remote or access control.	Daily access: car parks, driveways, loading areas.	In-ground housing, drainage, power, safety detection.	No
HYDRAULIC Page 06	A hydraulic pump drives the post up and down.	Busier entries needing larger, heavier posts.	In-ground housing, drainage, power, safety detection.	Selected 275 mm models
PNEUMATIC Page 07	Compressed air drives the post.	Large-diameter, highly visible posts.	Air supply, controls, drainage, maintenance access.	No
TELESCOPIC Page 07	The post rises in two or three nested stages.	Sites where full-depth excavation is not possible.	Shallower housing (three-stage: max 700 mm below ground).	No
SLIDING SYSTEM Page 08	Moving posts slide sideways beside fixed posts on a shallow base.	Wide openings where deep pits are not practical.	114 mm base on an engineered foundation.	48 km/h tested family
IMPACT-TESTED RETRACTABLE Page 09	Heavy-duty rising post set in a tested foundation.	Hostile-vehicle protection: crowded places, sensitive assets.	Foundation built to the test record.	48 / 64 / 80 km/h families
ROAD BLOCKER Page 10	A barrier rises across the full lane width.	Single-lane high-security entries and checkpoints.	Surface-mounted format, power, loop interfaces.	80 km/h tested
CANTILEVER SECURITY GATE Page 10	A track-free gate slides across the opening.	Secure perimeters that need a gate, not posts.	Foundation, power, PLC controls.	64 km/h tested

"No" rating means the system controls access and deters entry, but has not been tested to stop a vehicle driven at it.

Every in-ground bollard needs drainage. Suspended or post-tensioned slabs need structural assessment before any cutting.

SMART 24 V IN-GROUND SYSTEM

EVERYDAY ACCESS. SMART CONTROL.



One bollard shown in several positions. Housing, remotes and sensor illustrated.

SUPPLIED + INSTALLED FROM

\$12,150

AUD incl GST · one bollard installed*

CONNECTED CONVENIENCE

One bollard, controller, Wi-Fi interface, twilight sensor and two four-channel remotes. RGB lighting helps communicate system status.

Manual release is provided. An optional battery supports one emergency lowering operation.

Travel / diameter 570 mm / 204 mm	Body 304 SS, 2 mm tube, 4 mm top	Power / duty / speed 150 W, 3 A / 55% / 40-45 mm/s	Protection / range IP54 / -20 to +50 °C
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AUTOMATIC + SEMI-AUTOMATIC

CHOOSE YOUR WAY IN.



AUTOMATIC 01

219 × 600 mm nominal
6 mm steel wall
3 s up / 2 s down
Guide includes a control box

INSTALLED FROM

\$9,050

AUD incl GST · one bollard installed*



RETRACTABLE 02

219 × 600 mm nominal
304 stainless steel, 6 mm wall
5.8 s up / 2.6 s down
Guide includes a control box

INSTALLED FROM

\$11,200

AUD incl GST · one bollard installed*



SEMI-AUTOMATIC 03

219 × 600 mm nominal
304 stainless steel, 6 mm wall
Key-release assisted rise
Manual push-down lowering

INSTALLED FROM

\$6,000

AUD incl GST · one bollard installed*

ONE ENTRANCE. ONE COMPLETE SCOPE.

Power, drainage, safety detection and emergency access are designed around the selected system.

HYDRAULIC RANGE

HYDRAULIC ACCESS.



A choice of stainless steel or coated steel, with standard and impact-tested configurations.

SIZE	MATERIAL / CONFIGURATION
168 × 900	316 stainless steel / 8 mm wall
220 × 900	304 stainless steel / standard
220 × 900	Steel / standard
275 × 900	304 stainless steel / standard
275 × 900	Steel / standard
275 × 900	304 stainless steel / impact-tested
275 × 900	Steel / impact-tested

All sizes in millimetres (diameter × raised height). Impact-tested ratings are listed on page 18.

900 MM

Nominal raised height

3–5 SECONDS

Published standard 220 / 275 mm movement

ALTERNATIVE DRIVES + CIVIL DEPTH

OPTIONS FOR COMPLEX SITES.



PNEUMATIC

168 × 900 mm stainless steel
325 × 900 mm stainless steel
325 × 900 mm zinc-coated steel with safety-yellow powder coat

A coordinated air supply, controls, drainage and maintenance access form part of the installation scope.



TELESCOPIC

TWO-STAGE

900 mm rise; 220 / 168 mm stages; 304 stainless steel, 12 mm wall; 240 V, 370 W; published 2–6 s movement and manual emergency operation.

THREE-STAGE

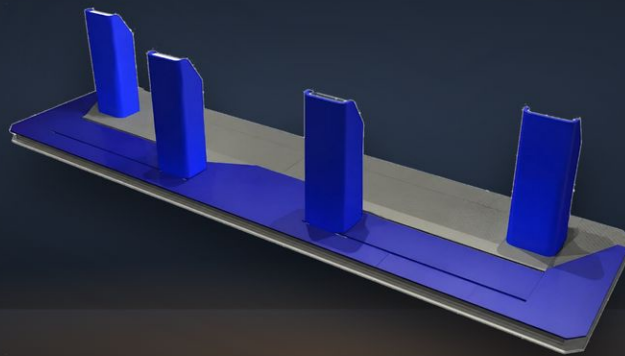
900 mm rise; maximum 700 mm below ground; 346 / 255 / 194 mm stages; stainless steel or powder-coated finish.

Civil depth is model-specific. No certified vehicle-impact rating is claimed for these five configurations.

SHALLOW INSTALLATION FORMATS

OPEN THE WAY.

Fixed and moving bollards combine to control the clear vehicle opening.



370 MM FAMILY 114 mm base • 1,110 mm height • 100% duty

SIZE	CONFIGURATION	NET OPENING	OVERALL LENGTH
370 mm	2 fixed + 1 moving	2,785 mm	4,090 mm
370 mm	2 fixed + 2 moving	4,075 mm	5,610 mm
220 mm	2 fixed + 1 moving	2,785 mm	4,090 mm
220 mm	2 fixed + 2 moving	4,075 mm	5,610 mm

Foundation, anchoring, ground conditions and safety zones follow the engineered layout. Match the impact report to the selected opening and arrangement; published ratings are on page 18.

DOCUMENTED VEHICLE-IMPACT PERFORMANCE

PROTECTION. MEASURED.

Select the system around the threat, approach speed and tested installation.



48

KM/H TEST FAMILY

64

KM/H TEST FAMILY

80

KM/H TEST FAMILY

The published PAS 68 tests use 7,500 kg vehicles at 90 degrees. Penetration differs between families and test methods. Full PAS 68 and IWA 14-1 codes are recorded on page 18.

**HIGH-SECURITY LANE PROTECTION**

STOP THE UNEXPECTED.

6,800 KG

PUBLISHED TEST MASS

80 KM/H

PUBLISHED TEST SPEED

0.0 M

PUBLISHED PENETRATION

Electric road blocker / 1,000 mm deployed height / 2,500 mm width. Surface-mounted format with manual outage operation, LED signals, push-button and vehicle-loop interfaces. IP68 is published.

ALSO AVAILABLE: CANTILEVER SECURITY GATES

Track-free carriage, locking pin, PLC diagnostics, electric or hydraulic operation and manual override. Published 250 mm/s movement, galvanised / powder-coated construction.

7,500 KG

64 km/h / 90-degree test

BRAND OPTION 01

 **MADE IN ITALY · FLAGGED MODELS**

BFT BOLLARDS.

For projects that specify a recognised brand. RJL supplies, installs, commissions and maintains the BFT rising-bollard range.

SERIES	MODEL	CHOOSE IT FOR
SEMI-AUTOMATIC		
DAMPY B	Dampy B 219/700	Brand-name option for occasional access.
AUTOMATIC ELECTROMECHANICAL		
STOPPY B	Stoppy B 115/500  ENTRY	Entry point to the BFT automatic range.
STOPPY B	Stoppy B 200/700 	Everyday commercial entrances.
AUTOMATIC HYDRAULIC		
PILLAR B	Pillar B 275/800  PREMIUM	Hydraulic drive. Standard or 316 stainless steel.

BFT RANGE · SUPPLIED + INSTALLED

Exact price confirmed after a site assessment.

FROM \$10,000*
MATCHED BFT ACCESSORIES
Vehicle detection

Single and dual-channel loop detectors, loop cable.

Signals + safety

Two-light traffic signal, photocells, flashing lights.

Control + connectivity

Remotes, keypads, Wi-Fi and TCP/IP gateway modules.

SUPPLIED + INSTALLED BY RJL

*AUD incl GST, one bollard, on the same basis as page 16: electrical, drainage, vacuum excavation and safety detection quoted separately. Terms: rjlcommercialgroup.com/terms. Other BFT models, including high-security, are available on request. BFT specifies a 100 mm drain pipe at the base of every pit; the drain connection is quoted at site assessment.

Model references: BFT Australia price list, August 2026. Flag = made in Italy (manufacturer listings on NBS Source, October 2026). BFT is a trademark of its owner.

BRAND OPTION 02

 **MADE IN ITALY · FLAGGED MODELS**

FAAC BOLLARDS.

From residential driveways to high-security perimeters. RJL supplies, installs, commissions and maintains the FAAC bollard range.

RANGE	MODELS	TYPE + APPLICATION
J200 Residential	J200 HA J200 SA J200 F	Automatic retractable, semi-automatic (no power supply needed) and fixed. Traffic control in residential areas and permanent pedestrian zones.
J275  Commercial + urban	J275 HA J275 SA J275 F	Automatic for high-traffic areas, semi-automatic for town centres and hard-to-wire sites, and fixed for pedestrian areas.
J275 2K20 Perimeter security	J275 HA 2K20 J275 F 2K20	Automatic and fixed, for sensitive and strategic sites. Manufacturer states a 7,500 kg vehicle at 48 km/h is stopped in double-configuration installations.
JS 48 High security	JS 48 HA JS 48 HA EFO JS 48 R	Automatic hydraulic (rise 6 s, descent 2 s); EFO version with emergency rise in 1.5 s; removable version for temporary access.
JS 80 High security	JS 80 HA JS 80 HA EFO JS 80 F JS 80 R	Automatic hydraulic (rise 6 s, descent 2 s); EFO emergency rise in 1.5 s; fixed and removable versions.

HA = automatic · SA = semi-automatic · F = fixed · R = removable.

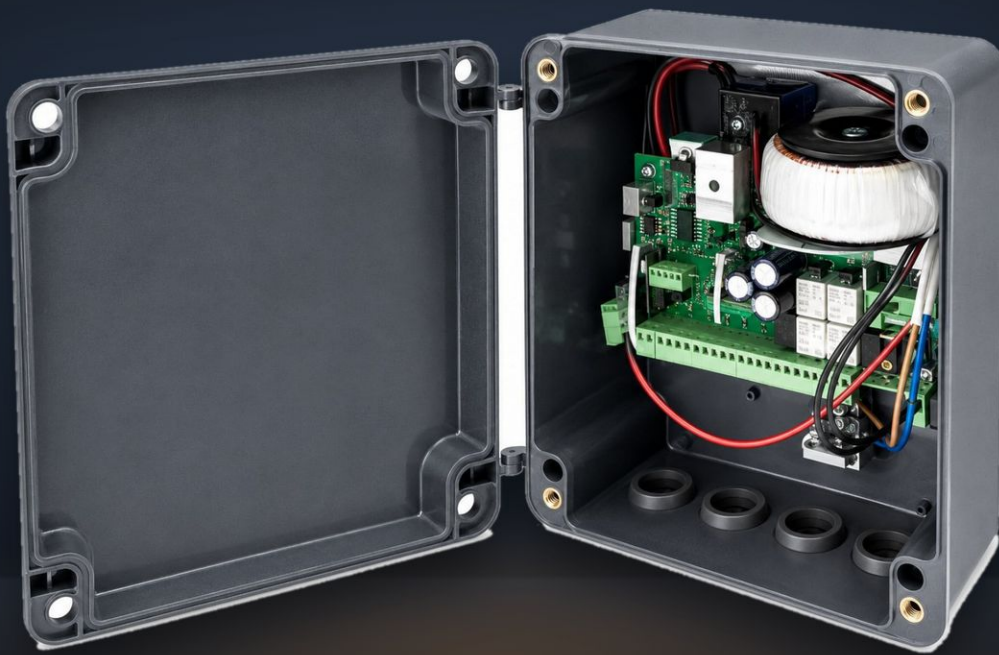
SUPPLIED + INSTALLED BY RJL — PRICED AT SITE ASSESSMENT

Security ratings apply only to the tested model and installation. Obtain the manufacturer's certificate before procurement.

Model references: faacbollards.com.au, October 2026. Flag = manufactured in Italy (FAAC listing on BIMobject, October 2026). FAAC is a trademark of its owner.

CONTROLLER + TRANSFORMER + HOUSING

THE INTELLIGENCE BEHIND THE ACCESS.



01

CONTROL

Programmable operating logic with a 433.92 MHz radio receiver.

02

CONNECT

Wi-Fi interface supplied with the linked smart bollard kit.

03

PROTECT

Photocell / safety inputs, warning-light and RGB outputs.

MC60 board: 130 × 107 mm / 20 V AC input / 24 V DC motor output, maximum 180 W. Board dimensions do not describe the housing size.

Specify enclosure material, IP protection, cable glands, isolation, surge protection and battery space for the site.

MATCHED CONTROLS FOR COMPATIBLE SYSTEMS

CONTROL AT SCALE.

A central cabinet for coordinated rising-bollard operation.



CONTROLS UP TO

8

COMPATIBLE BOLLARDS

Height	550 mm
Width	440 mm
Included	Two wireless remotes

CABINET GUIDE

\$2,079

AUD incl GST · supply only*

Extra compatible remote **\$107.80** incl GST* each

MATCH THE CABINET TO THE SYSTEM

Bollards are supplied separately. Confirm cabinet depth, mounting, electrical design and environmental protection in the quotation.

REAL RJL INSTALLATIONS · REAL PHOTOGRAPHY

PROOF, NOT PROMISES.



RJL automatic bollard installation. Note the strip drain at the bollard.

CASE STUDY · CAMBERWELL

Automatic bollards for a commercial property.

A retractable bollard system for discreet, reliable vehicle control. Works were sequenced so the property stayed open and people stayed separated from the work zone.

SCOPE DELIVERED BY RJL

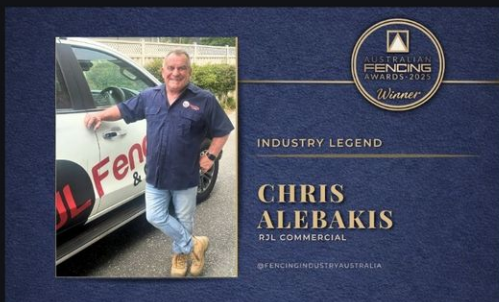
Automatic retractable bollards

Control and safety system

Driveway and access integration

Commissioning and operator handover

Full case study: rjlcommercialgroup.com/blog



AUSTRALIAN FENCING AWARDS 2025

Industry Legend: Chris Alebakis.

More than 35 years in the trade and still on site. A family-led business with fencing and gates, concreting and electrical services under one roof.

MORE RJL CASE STUDIES

Toorak College

Boom gate and access control

Jalna Dairy Foods

Industrial sliding gate and fencing

Photographs on this page are of real RJL work and people. Case studies as published at rjlcommercialgroup.com/blog.

AUSTRALIAN DOLLARS / INCLUDING GST / SUPPLIED + INSTALLED

START WITH A CLEAR SCOPE.

One price covers the bollard, excavation, gravel soak-away base, concrete, installation, commissioning and handover training. Backed by RJL's 3-year warranty.

SYSTEM — ONE BOLLARD

INSTALLED FROM*

SEMI-AUTOMATIC BOLLARD **ENTRY**

Key-release rise, manual lowering. No power required.

\$6,000

AUTOMATIC 219 × 600 MM **ENTRY AUTOMATIC**

Steel bollard with control box.

\$9,050

RETRACTABLE AUTOMATIC PACKAGE

304 stainless 219 × 600 mm bollard with control box.

\$11,200

SMART 24 V IN-GROUND KIT **CONNECTED**

Bollard, controller, Wi-Fi, twilight sensor, two remotes.

\$12,150

CONTROL CABINET — SUPPLY

\$2,079

Up to 8 compatible bollards, two remotes.

ADDITIONAL REMOTE — SUPPLY

\$107.80

For the 600 mm automatic range.

CRASH-RATED SYSTEMS, ROAD BLOCKERS + BRAND RANGES: PROJECT QUOTATION

Priced after site assessment. Maintenance plans from \$370 a year — see page 17.

BOOK A SITE ASSESSMENT

One visit. A written, itemised quote.

0400 101 132

*Indicative pricing as at October 2026, not a fixed offer. One bollard on a slab on ground with normal access. Not included, quoted after site assessment: electrical connection by a licensed electrician (powered systems); a 60 mm drain to stormwater where the ground fails a soak test (40 L must drain within 30 minutes); vehicle safety detection (loops or photocells), required on every powered system; vacuum (non-destructive) excavation where services must be located; rock, suspended or post-tensioned slabs, surface finishes and traffic management. Final price confirmed by written quotation. Full terms: rjlcommercialgroup.com/terms

PROTECT THE INVESTMENT

KEEP IT RISING.

Seals, drainage, hydraulics and safety devices wear quietly until the day a bollard sticks. Scheduled servicing finds it first.

ESSENTIAL

One scheduled service a year.

FROM

\$370 / year*

First bollard on site. Each additional bollard \$130 / year.

START HERE — FREE

On-site maintenance report: written, with photos, before you commit to a plan.

PROTECT
RECOMMENDED

Two scheduled services a year, six months apart.

FROM

\$740 / year*

First bollard on site. Each additional bollard \$260 / year. Suits daily-use and hydraulic systems.

Manufacturer guidance: clean pit drainage every six months. Protect covers both visits.†

EVERY SERVICE VISIT INCLUDES

Full rise and lower test, timings checked

Housing cleaned, drainage checked and cleared

Seals, guides and fixings inspected

Hydraulic oil level and leaks checked (hydraulic units)

Lubrication to manufacturer requirements

Safety loops and photocells tested

Emergency manual lowering tested

Lights, signals and backup battery checked

Controller settings and fault history reviewed

Written report with photos after every visit

Fewer breakdowns

Wear is found and fixed on a planned visit, not an emergency call.

Documented history

A service record for owners, insurers and warranty claims.

One point of contact

The team that installed it services it, with a 24/7 response line.

*AUD incl GST, per site, billed annually. Covers scheduled servicing in metropolitan Melbourne. Parts, repairs and breakdown call-outs are quoted separately. Regional and interstate sites priced on application.

†Six-monthly drainage cleaning: FAAC J200 installation manual. Other brands may differ.

PUBLISHED TEST DESIGNATIONS

READ THE COMPLETE RATING.

PAS 68:2013 and IWA 14-1:2013 records. Match the exact model, opening and installation.

48 KM/H RETRACTABLE FAMILY

PAS 68:2013

V/7500[N2]/48/90:0.0/0.0

IWA 14-1:2013

V/7200[N2A]/48/90:0.0

80 KM/H RETRACTABLE FAMILY

PAS 68:2013

V/7500[N3]/80/90:5.6/27.2

IWA 14-1:2013

V/7200[N3C]/80/90:5.9

275 MM / STEEL

PAS 68:2013

V/7500(N3)/48/90:1.0/2.5

IWA 14-1:2013

V/7200[N3]/48/90:1.0

ELECTRIC ROAD BLOCKER

PAS 68:2013

V/6800(N3)/80/90:0.0/0.0

IWA 14-1:2013

V/6800(N3)/80/90:0.0

64 KM/H RETRACTABLE FAMILY

PAS 68:2013

V/7500[N2]/64/90:2.4/15.5

IWA 14-1:2013

V/7200[N2A]/64/90:2.6

275 MM / STAINLESS STEEL

PAS 68:2013

V/7500(N3)/48/90:0.0/0.0

IWA 14-1:2013

V/7200[N3]/48/90:0.0

SLIDING SYSTEM FAMILY

PAS 68:2013

V/7500(N3)/48/90:0.0/0.0

IWA 14-1:2013

V/7200[N3]/48/90:0.0

CANTILEVER SECURITY GATE

PAS 68:2013

V/7500(N3)/64/90:0.0/0.0

IWA 14-1:2013

V/7500[N3]/64/90:0.0

CONFIGURATION MATTERS.

A rating belongs to the tested product and installation. Obtain the full certificate, foundation details, spacing, penetration and debris results before procurement.

EVIDENCE FOR CONFIDENT PROCUREMENT

SPECIFY WITH CONFIDENCE.

HOW TO READ A PAS 68 CODE

V/7500(N3)/48/90:0.0/0.0

7,500 kg

Vehicle mass / N3 class

48 km/h

Impact speed

90°

Impact angle

0.0 / 0.0

Penetration / dispersion
(m)

STANDARDS REMAIN DISTINCT

ISO 22343-1:2023 supersedes the PAS 68 / IWA 14-1 frameworks. Legacy tests retain their original designation. ASTM F2656 requires the complete penetration class; an M50 claim alone is incomplete.

AGREE THE EVIDENCE PACK

Site risk assessment, exact model certificate, layout and civil drawings, drainage and power design, interface schedule, agreed installation records, commissioning, as-builts, training and O&M plan.

STATIC LOAD, IP RATINGS AND IMPACT ENERGY ARE NOT CRASH CERTIFICATION.

TECHNICAL REFERENCES — AVAILABLE ON REQUEST

01 Government / crowded-places guidance

02 ISO 22343-1:2023

03 Smart bollard / technical manual

04 24 V controller / technical manual

05 Control cabinet / specifications

06 Hydraulic, sliding + blocker range

07 48 / 64 / 80 km/h families / test records

08 Road blocker + cantilever gate / test records

Source review: 23 October 2026. Product imagery may be retouched and is illustrative of configuration and appearance. Scene photography on the front and back covers and pages 4–8 and 10 is AI-generated and illustrative only. Final equipment, finishes, revision, certification and installed scope follow the approved quotation.

Access-control models without a full published impact-test record are not represented as crash-rated.

A COORDINATED SOLUTION FROM START TO FINISH

LET'S SECURE YOUR NEXT ENTRANCE.

CALL — 24/7 RAPID RESPONSE

0400 101 132

EMAIL + WEB

info@rjlcommercialgroup.com

rjlcommercialgroup.com

01

CALL OR SCAN

Tell us about the entrance.

02

SITE ASSESSMENT

We check slab, drainage, power and traffic.

03

WRITTEN QUOTE

Itemised, installed price.

04

INSTALL + CARE

Commissioning, training, 3-year warranty, maintenance plan.

BOOK A SITE ASSESSMENT

Already have bollards or gates? Ask for a free on-site maintenance report.

**SCAN FOR
BOLLARDS**

