BOLLARDS
Complete range of traffic control bollards
The innovative technology that gives you more power

An absolute innovation, and Bft exclusive, with surprising new-generation performance: U-Link is a cross-platform that allows the creation of technological ecosystems, offering maximum control.

- **U-Control** A new Android App that, in just a few simple steps, shows the potential of U-SDK in the service and commercial sector.

- **U-Base 2** facilitates the management of a system interconnected via U-Link, allowing you to control the automation parameters.

- **U-SDK** the system integrators can make other brands of home automation systems dialogue with Bft products interconnected in a U-link network.
Fixed bollards designed to block an access point or road for a long period of time. The bollards are bolted down and can be installed alongside fully automatic or semi-automatic bollards as an integrated solution in a range of different sizes and types. They are suitable for all types of environment.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>RANCH B 219/500</th>
<th>RANCH B 219/700</th>
<th>RANCH C 275/600</th>
<th>RANCH C 275/800</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shaft height</td>
<td>500 mm</td>
<td>700 mm</td>
<td>600 mm</td>
<td>800 mm</td>
</tr>
<tr>
<td>Shaft diameter</td>
<td>220 mm</td>
<td>220 mm</td>
<td>275 mm</td>
<td>276 mm</td>
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<tr>
<td>Shaft thickness</td>
<td>3 mm</td>
<td>3 mm</td>
<td>6 mm</td>
<td>6 mm</td>
</tr>
<tr>
<td>Shaft treatment</td>
<td>cataphoresis</td>
<td>cataphoresis</td>
<td>RAL 7015 painted steel</td>
<td>RAL 7015 painted steel</td>
</tr>
<tr>
<td>Breaking resistance</td>
<td>150000 J</td>
<td>150000 J</td>
<td>250000 J</td>
<td>250000 J</td>
</tr>
</tbody>
</table>
RANCH D
Fixed bollard

Fixed bollards suitable for protecting sensitive sites and ideal when used for long-term access prevention. Working with the XPASS automatic anti terror bollard products, the Ranch D can be integrated into a suitable configuration to help provide the required high level of protection for a defined area.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Operator type</th>
<th>RANCH D 275/800 C L</th>
<th>RANCH D 275/800 C LI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed bollards</td>
<td>fixed bollards</td>
<td>fixed bollards</td>
</tr>
<tr>
<td>Shaft height</td>
<td>800 mm</td>
<td>800 mm</td>
</tr>
<tr>
<td>Shaft diameter</td>
<td>275 mm</td>
<td>275 mm</td>
</tr>
<tr>
<td>Shaft thickness</td>
<td>10 mm</td>
<td>10 mm</td>
</tr>
<tr>
<td>Shaft treatment</td>
<td>RAL 7015 painted steel and reflective film h: 100 mm</td>
<td>AISI 304 or AISI 316 stainless steel</td>
</tr>
<tr>
<td>Break-in resistance</td>
<td>667000 J</td>
<td>667000 J</td>
</tr>
</tbody>
</table>

*The metal cage in the figure is not supplied.*

*If the code contains LI: LI= AISI 304 or AISI 316 stainless steel on request.*
DAMPY B
Manual gas bollard

These gas-spring rising bollards are designed to offer road access control with an extremely quick and simple operation. The bollards are operated using special keys, lowered by pushing down and automatically locked into place at the bottom. They can be used in mixed installations to cover wide passages managed by both fixed, electric and gas operated bollards.
STOPPY-B
Electromechanical bollards

These electromechanical bollards are designed to match customer needs for quality at highly competitive prices. Stoppy B comes in two models: Stoppy B Ø115-500 which has a Ø115 mm, 500 mm high rod and is fitted with a rear-reflecting strip. The Stoppy B Ø200-700, which has a Ø200 mm, 700 mm high rod, a light crown and a rear-reflecting strip.

- PERSEO CBD dedicated control panel: manages up to 4 bollards in parallel, programming menu on the display, integrated heating element and incorporated receiver.

### Specifications

<table>
<thead>
<tr>
<th></th>
<th>STOPPY B Ø115/500</th>
<th>STOPPY B Ø200/700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shaft diameter</td>
<td>115 mm</td>
<td>200 mm</td>
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<tr>
<td>Shaft height</td>
<td>500 mm</td>
<td>700 mm</td>
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<tr>
<td>Raising time</td>
<td>7 sec.</td>
<td>9 sec.</td>
</tr>
<tr>
<td>Control unit</td>
<td>PERSEO CBD</td>
<td>PERSEO CBD</td>
</tr>
<tr>
<td>Breaking resistance</td>
<td>60000J</td>
<td>60000J</td>
</tr>
<tr>
<td>Type of limit switch</td>
<td>reed magnetic sensor</td>
<td>reed magnetic sensor</td>
</tr>
<tr>
<td>Slowdown</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Breaking resistance</td>
<td>6000J</td>
<td>6000J</td>
</tr>
<tr>
<td>Lock</td>
<td>electric brake</td>
<td>electric brake</td>
</tr>
<tr>
<td>Manual operation</td>
<td>reversible with no power</td>
<td>reversible with no power</td>
</tr>
<tr>
<td>Frequency of use</td>
<td>semi-intensive</td>
<td>semi-intensive</td>
</tr>
<tr>
<td>Ambient conditions</td>
<td>-20°C to +60°C</td>
<td>-20°C to +60°C</td>
</tr>
</tbody>
</table>

STOPPY B Ø115-500 = 490
STOPPY B Ø200-700 = 700

STOPPY B Ø115-500 = 965
STOPPY B Ø200-700 = 1180

STOPPY B Ø115-500 = Ø 115
STOPPY B Ø200-700 = Ø 194

STOPPY B Ø115-500 = Ø 190
STOPPY B Ø200-700 = Ø 273
STOPPY-MBB
Electromechanical bollards for intensive use

These electromechanical bollards have an internal oil-bath gear motor which gives them a higher usage capability. Stoppy-MBB is designed to work in the most extreme conditions, thanks to the metal parts being cataphoresis treated, and the new EPDM seal integrated in the flange. The LED light cap fits perfectly into the floor flange with the shaft lowered, drastically reducing the ingress of debris into the casing.

• PERSEO CBD dedicated control panel: manages up to 4 bollards in parallel, programming menu on the display, integrated heating element and incorporated receiver.

| SPECIFICATIONS |
|-----------------|-----------------|-----------------|
| **STOPPY MBB 219/500** | **STOPPY MBB 219/700** |
| **Shaft diameter** | 219mm | 219mm |
| **Shaft height** | 500 mm | 700 mm |
| **Raising time** | 6 sec. | 9 sec. |
| **Control unit** | PERSEO CBD | PERSEO CBD |
| **Impact resistance** | 10,500 JOULE | 10,500 JOULE |
| **Breaking resistance** | 150,000 JOULE | 150,000 JOULE |
| **Slowdown** | yes | yes |
| **Lock** | electric brake | electric brake |
| **Manual operation** | reversible with no power | reversible with no power |
| **Frequency of use** | intensive 1,500 movements/day | intensive 1,500 movements/day |
| **Ambient conditions** | -20° C + 60° C | -20° C + 60° C |
| **Movement** | With slowdown in opening and closing | With slowdown in opening and closing |
| **Supply voltage** | 230V ± 10% 50/60 Hz | 230V ± 10% 50/60 Hz |
A hydraulic bollard for very intensive use, with a range of different models to suit a number of different application requirements. The security device (SD) version is particularly suitable for sensitive site such as ministries, airports and other buildings of importance, as the shaft raises in the event of a power failure. The standard version is suitable for public installations where the shaft must lower freeing the passage in the event of a power failure. These bollards have been designed and built with the aim of simplifying maintenance with the hydraulic pump located under the flange.

PERSEO CBE dedicated control panel: manages up to 4 bollards in parallel, programming menu on the display, integrated heating element and incorporated receiver.
XPASS B 275/800
Automatic bollard

Anti-terrorism bollards tested and certified (crash-tested) by an independent body according to standards PAS 68 and IWA14-1 (equivalent to American standard “K4”). Each bollard has an independent pump so that in the event of a control unit failure, the other bollards in the environment remain functional.

XPASS B 275/800

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**XPASS B 275/800C L**
- Hydraulic bollard
- Voltage: 230 V
- Shaft height: 800 mm
- Thickness: 10 mm
- Shaft diameter: 275 mm
- Rising time: 7 sec.
- Shaft treatment: RAL 7015 painted steel and reflective film h: 100 mm
- Lowering time: 4 sec.
- Control unit: PERSEO CBE 230.P SD
- Break-in resistance: 800000 J
- Frequency of use: 2000 Op/day
- IWA14-1:2013 rising bollard V/7200 [N2A]/48/90
- Type of limit switch: Reed magnetic sensor
- Manual operation: Reversible with no power
- Ambient conditions: -40°C to +60°C

**XPASS B 275/800C LSD**
- Hydraulic bollard
- Voltage: 230 V
- Shaft height: 800 mm
- Thickness: 10 mm
- Shaft diameter: 275 mm
- Rising time: 7 sec.
- Shaft treatment: RAL 7015 painted steel and reflective film h: 100 mm
- Lowering time: 4 sec.
- Control unit: PERSEO CBE 230.P SD
- Break-in resistance: 800000 J
- Frequency of use: 2000 Op/day
- IWA14-1:2013 rising bollard V/7200 [N2A]/48/90
- Type of limit switch: Reed magnetic sensor
- Manual operation: Reversible with mechanical key with no power
- Ambient conditions: -40°C to +60°C

*If the code contains LI: LI= AISI 304 or AISI 316 stainless steel on request
XPASS B 330/1200
Automatic bollard

Anti-terrorism bollard tested and certified (crash-tested) by an independent company according to standards IWA14-1:2013 V/7200[N3C]/80/90 (equivalent to American standard “K12”). Each bollard has an independent pump so that in the event of a control unit failure, the other bollards in the environment remain functional.

**XPASS B 330/1200C L EFO**
- **Operator**: hydraulic bollard
- **Voltage**: 230 V
- **Shaft height**: 1200 mm
- **Thickness**: 25 mm
- **Shaft diameter**: 330 mm
- **Rising time**: max 5.3 sec.
- **Shaft treatment**: RAL 7015 painted steel and reflective film h: 100 mm
- **Lowering time**: 4 sec.
- **Control unit**: PERSEO CBE 230.P SD
- **Break-in resistance**: 2100000 J
- **Frequency of use**: 2000 Op/day
- **Antiterrorism reference standard**: IWA14-1:2013 V/7200[N3C]/80/90
- **Type of limit switch**: reed magnetic sensor
- **Manual operation**: reversible with mechanical key with no power
- **Ambient conditions**: -40°C +60°C

*If the code contains LI: LI= AISI 304 or AISI 316 stainless steel on request.*
New power in your hands.

B-eba
A direct line with your operators.

B-eba expansion cards allow the connection of external devices, such as PCs, smartphones and tablets, to a Bft operator or Clonix receiver, or the connection of several Bft products in a U-Link network. These accessories integrate with U-Link technology and Bluetooth, Z-Wave, Tcp/Ip protocols, as well as the RS485 serial connection. A device that fully translates what Bft intends as interconnectivity.

Clonix U-link
Allows the connection of old-generation products or non-Bft products to U-Link systems.

Old-generation Bft operators or a product belonging to other brands: can they be connected to U-link? Yes, thanks to the Clonix receivers. Accessories that know no limits.
Team up with us: 
be ahead!

Advanced solutions, with unique, exclusive features. But also simple, accessible, and user-friendly. Cutting edge technologies designed to improve the lives of everyone: both those who install them and those who use them.

This is who we are today: a company focused on the needs of the present, with an eye looking to the future. A professional, people-friendly company, capable of taking its partners by the hand and, thanks to a full access specialist approach, propelling them along at a dynamic pace that will ensure they are always out there in front. A company where the technical component is supported by the power of passion, where engineering expertise is complemented by the brilliance of keen inventiveness. Because we like to listen to you, understand you, address your needs and offer new opportunities; always giving you the best and offering you tools that are increasingly sophisticated, designed to enhance your performances.

A fast, smart technology, with its foot always on the accelerator: ensuring you steam ahead at the pace of innovation and that, together with you, it is always one step ahead.