



Opens the future

# ARGO BROCHURE

RANGE AND ACCESSORIES CATALOGUE - SELECTION GUIDE

Operator

Radar

Control systems

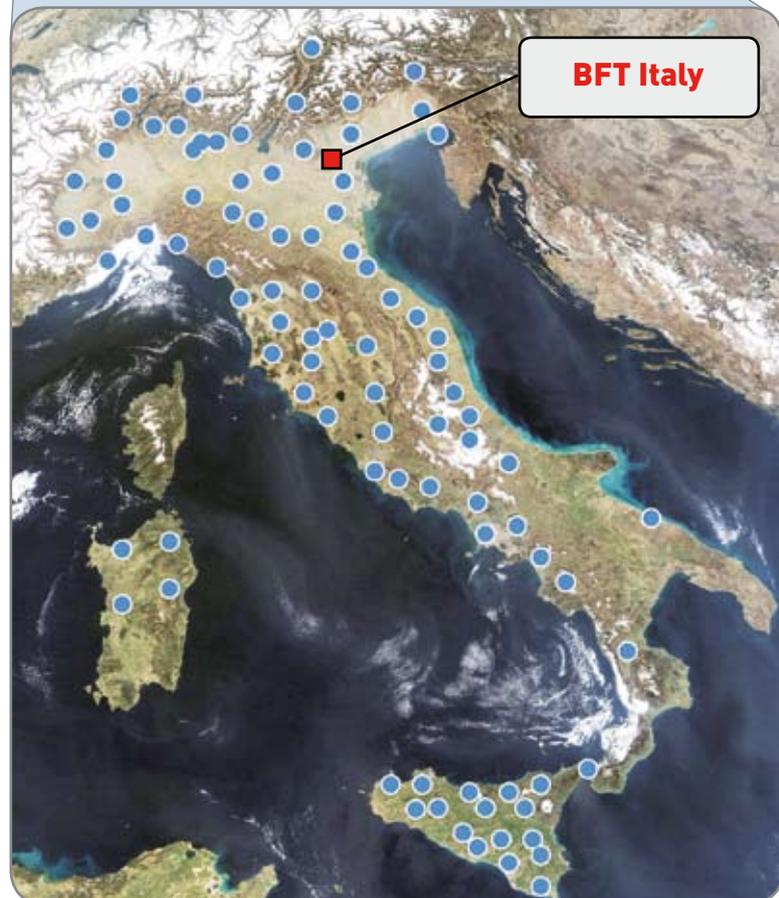
Accessories

# BFT. SAFE AND RELIABLE SOLUTIONS ANY TIME, ANYWHERE

2



Our Schio premises in Italy's Northeast stretch over 21,000 square metres, which include 15,000 sq m of indoor floor space. It is a modern facility that has recently been extended with the addition of two new buildings. Getting here is easy. From Verona's "Catullo" airport or Venice's "Marco Polo" airport or from the Milan/Venice A4 motorway: take the A31-Valdastico road, following the signs for Pivovene Rocchette. Take the Schio/Thiene exit and follow the signs for Schio's northern industrial estate "Zona Industriale. BFT have always believed in service as a key element in their dealings with customers. A widespread network of installers and professionals work nationwide and across the globe to promptly solve technical and business issues of any kind. The quality of each product is guaranteed by an exclusive warranty formula that covers the purchase for 24 months. Giving you lasting peace of mind for years to come.



## COMPANY CERTIFICATION



### UNI EN ISO 9001-2000

Hinged on customer satisfaction, it specifies the total quality requirements of a company management system, with the aim of achieving better internal organization and improving relationships with stakeholders outside the company, with a focus on ensuring ISO 14001 customers receive increasingly efficient services.

BFT SpA's Environmental Management System was certified according to the standard UNI EN ISO 14001:1996 on 30/12/2003. BFT was awarded this company certification as a guarantee of its commitment to the environmental protection that always goes hand in hand with the development of a great company.



## PRODUCT CERTIFICATIONS



CE

Compulsory European product self-certification that guarantees conformity with safety standard requirements



CSA

This certification guarantees product quality in compliance with certain standards that must be met for exports to be accepted into the North American market

# ARGO

OPERATOR FOR SECTIONAL DOORS UP TO 20 m<sup>2</sup>

4



### • POWERFUL AND COMPACT

55Nm maximum torque with extremely compact dimensions: The most powerful **24V** sectional door operator on the market. Only 65mm from the base to the output axis: can be installed in any situation.

### • ACCURATE AND RELIABLE

Limit switch and intermediate positioning controlled by **ABSOLUTE ENCODER** technology. 24V technology and solid design: tested to guarantee maximum durability and reliability in any use conditions whether domestic, commercial or industrial.

### • SAFE AND IN-LINE WITH CURRENT REGULATIONS

Control panel with microprocessor technology: thanks to simply automatic function settings, it guarantees **EUROPEAN STANDARD system CERTIFICATION**.

Electronic torque, speed and slow-down control system.

### • FAST AND UNIVERSAL

Maximum 30 rpm on 20 m<sup>2</sup> doors: the fastest operator on the market! Extremely silent, easy to install, with an external steel cable-operated release system and attractive design. It is the ideal operator for a wide range of applications.



ON BOARD CONTROL PANEL



ABSOLUTE ENCODER



ZERO ENCODER ADJUSTEMENT



BUILT-IN PROGRAMMING DISPLAY AND RADIO RECEIVER



**TECHNICAL SPECIFICATIONS**

<b>POWER SUPPLY</b>	230Vac 50Hz
<b>MOTOR POWER SUPPLY</b>	24Vdc
<b>MAXIMUM TORQUE</b>	55Nm
<b>OPERATING CYCLE</b>	Heavy-duty
<b>MAX. DOOR DIMENSIONS</b>	20 m <sup>2</sup>
<b>MAXIMUM OUTPUT SHAFT SPEED</b>	30 rpm
<b>MAXIMUM OUTPUT SHAFT REVOLUTIONS</b>	19
<b>LIMIT SWITCH</b>	Electronic with absolute encoder
<b>PARTIAL OPENING</b>	Adjustable position
<b>ANTI-CRUSH</b>	Electronic ampere-stop
<b>OPERATING TEMPERATURE RANGE</b>	-20°+55°C
<b>RADIO-RECEIVER</b>	Built-in

**ADJUSTABLE FUNCTIONS**

- Automatic closing (0-40 sec)
- Opening torque (0-99%)
- Closing torque (0-99%)
- Partial opening (1-99%)
- Zone localisation (0-127)
- Adjustable door closing output (on SCS IO board)
- Adjustable door opening output (on SCS IO board)
- 3 or 4 step logic
- Pre-alarm
- Jog lock in opening
- Photocells only on in closing
- Gate open light
- 2<sup>nd</sup> radio channel (on SCS IO board)
- Photocell test (on SCS IO board)

**AUTOMATIC ADJUSTMENTS (AUTASET)**

- Acceleration
- Opening slow-down distance
- Closing slow-down distance
- Opening speed
- Closing speed
- Opening torque
- Closing torque
- Safety operation testing

**START COMMAND LOGIC**

**4 STEP LOGIC**

1 <sup>st</sup> Impulse	OPENING
2 <sup>nd</sup> Impulse	STOP
3 <sup>rd</sup> Impulse	CLOSING
4 <sup>th</sup> Impulse	STOP

**3 STEP LOGIC**

1 <sup>st</sup> Impulse	OPENING
2 <sup>nd</sup> Impulse	STOP
3 <sup>rd</sup> Impulse	CLOSING



## COMPONENTS AND ACCESSORIES

### RELEASE SYSTEMS



#### N733421 - RCA

Manual release with steel cable 3,5 m



#### N733422 - RCA-L

Manual release with steel cable de 7 m

### MICROWAVE RADAR



#### P111407 - FALCON

- Universal motion detector which can be installed up to 7 meters.
- Vehicle/pedestrian distinction, rejecting parallel traffic.
- REMOTE CONTROL programming.
- Antenna with planar technology used for the first time in an automatic industrial door, able to provide high precision and stability in the detection field.
- IP65



#### P111405 - TELECOMANDO

Instrument employed to program the FALCON sensor by adjusting:

- Sensitivity
- Programming mode
- Immunity
- Relay output configuration

### RADIO CONTROL SYSTEMS



#### P121019 - T-BOX

Digital electronic keypad permits 100 user code management and the control of up to 10 operators. This is provided through a backlit touch pad and 150 meter working capacity in open field.



#### P121016 - RB

Wall remote control guarantees maximum performance (up to 150mt in open field) in an attractive design and extremely compact dimensions. Quick and easy to program, it can be either wall-mounted or used as a desk control.

### HARDWIRING CONTROL SYSTEMS



#### D121611 - SPC

Start - Stop



#### D121613 - SPCE

Emergency



#### D121612 - SPC2

Open - Close



#### P121017 - SEK

Vandalism proof key selector in a metallic body

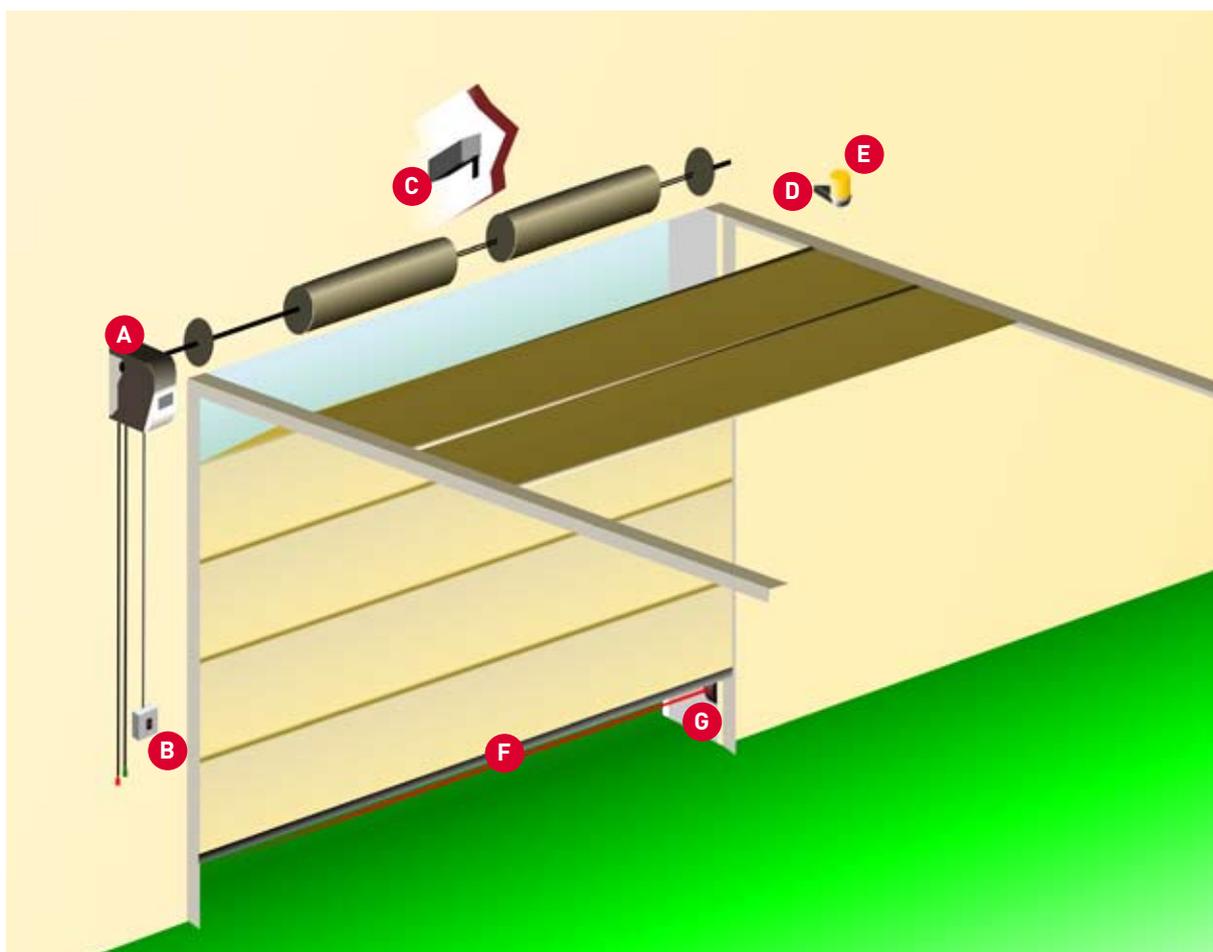


#### D121619 - SPC3

Open - Stop - Close



## EXAMPLE OF A SYSTEM



## LEGEND

<b>A</b>	<b>ARGO</b>	24V operator for sectional doors up to 20 m <sup>2</sup>
<b>B</b>	<b>SPC3</b>	3 function pushbutton panel Open-Stop-Close
<b>C</b>	<b>FALCON</b>	Microwave radar with traffic direction reading and parallel traffic management
<b>D</b>	<b>RWS</b>	Wall support for RAY series flashing lights
<b>E</b>	<b>RAY X</b>	Flashing light with or without built-in antenna, available with 230V or 24V power supply
<b>F</b>	<b>BAR C BA</b>	Rubber safety edge with double lip to guarantee total insulation when the door is closed. Associated with VENTIMIGLIA NS, it guarantees the utmost door safety meeting European regulations [EN12978].
<b>G</b>	<b>CELLULA 130</b>	Infrared photocell



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