

**flexiforce<sup>FF</sup>**

# AUTOMATION

DOOR AUTOMATION SELECTION

---



---

[WWW.FLEXIFORCE.COM](http://WWW.FLEXIFORCE.COM)

---

# AUTOMATION SELECTION

With over 10 years of experience in door automation, FlexiForce is now introducing a complete update to the range of operators. In recent years, we have listened to the wishes and requirements of our customers throughout Europe, and as a result we have become experts in the different kinds of drives.

We have selected a range of products from the best suppliers, which has resulted in the best solution for every application and price level. This has now allowed us to offer a full portfolio of high quality products for almost all applicable standards.

Our new range consists of:

- **LiftMaster Evolution** for garage doors.
- **LiftMaster LM3800W** for large garage doors and small industrial doors.
- **Yale** for garage doors. The newest addition to our automation selection.
- **Force** for industrial doors. By Gapos. 70Nm and 140Nm, single-phase with deadman and automated control.
- **Frequenz** for industrial doors. Single-phase, intelligent, industrial drive with self-learning control and integrated safety systems.



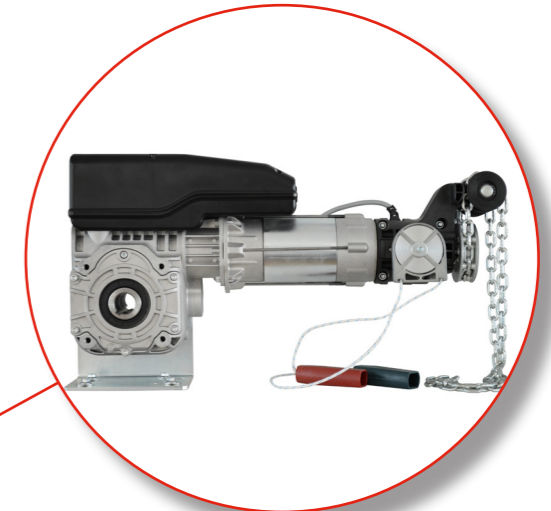
LIFTMASTER EVOLUTION



LM3800W



YALE



FORCE



FREQUENZ

Over the last years, our operators have become a significant part of our business. An ever-increasing number of customers value the company's service based on the one-stop-shop principle, in which hardware, operators, and panels are provided by just one supplier. The total cost reductions achieved by this approach are very interesting.

With this updated automation range, FlexiForce is now able to offer you the best solution for door automation.

Contact us now for an introduction!





## LIFTMASTER EVOLUTION

It has been more than 10 years since we first offered the LiftMaster range in Europe. This proved to us that we've chosen the right supplier from the beginning. Customer appreciate LiftMaster Evolution for being advanced, stylish, durable and extremely reliable.

The nice product design of the Evolution door openers has also been implemented to the wide range of safety and convenience accessories.

LiftMaster and FlexiForce now introduce three new models to you: the one box packaging principle is now available in a new 500N door opener as well as in two new 700N openers. The logistic advantages and cost reductions of one box packaging is clear. FlexiForce can see a trend towards greater connectivity, so we have put together a product that contains MyQ as a standard feature. This means plenty of potential for upgrades!



LM50EVFF



LM70EVFF

### Our LiftMaster Selection:

#### LM50EVFF

500N, belt drive  
Security+ 2.0 radio technology  
100mm/sec  
2 x 4-channel TX4EF  
3-piece rail for max. 2,3m OPH  
Not MyQ compatible

#### LM70EVFF

700N, belt drive  
Security+ 2.0 radio technology  
160mm / sec  
0.8W standby power  
2 x 4-channel TX4EVF  
MyQ enabled  
Partially opening  
Automatic close  
Holiday mode  
Connections for: IR sensor, key switch and Flashing light  
3-piece rail for max 2.5 m OPH

#### LM70EVFFC

700N, belt drive  
Security+ 2.0 radio technology  
160mm / sec  
0.8W standby power  
2 x 4-channel TX4EVF (New)  
MyQ enabled  
Partially opening  
Automatic close  
Holiday mode  
Connections for: IR sensor, key switch and Flashing light  
3-piece rail for max 2.5 m OPH  
828EV internet gateway included  
771EV fail-safe infra-red sensors included



MyQ connectivity allows you to control the operator from wherever via the internet. The "know more, worry less" innovative development offers the opportunity to always stand out with the latest upgrades and updates.



#### LM60EVO

650N, belt drive  
7-band radio 160mm / sec  
0.8W standby power  
2 x 4-channel TX4EVF  
MyQ compatible

#### LM100EVO

1000N, belt drive  
7-band radio 200mm / sec  
0.8W standby power  
2 x 4-channel TX4EVF  
Wireless wall control  
MyQ compatible

#### LM130EVO

1300N, belt drive  
7-band radio 130mm / sec  
0.8W standby power  
2 x 4-channel TX4EVF  
Wireless wall control  
IR-Photocell kit 771EVK  
MyQ compatible





YALE



**Trusted every day.**

At 180 years strong, Yale is a leading security brand that protects the people, places and things we love most. We secure millions of homes and businesses worldwide with our innovative mechanical locks, smart home alarms, smart indoor & outdoor cameras, safes, smart locks, garage door operators, smart storage solutions and more. Yale is part of the ASSA ABLOY Group, the global leader in access solutions. For more information, visit [www.yalehome.com](http://www.yalehome.com)



**Introducing our new garage door openers**

**Yale Powr 600**



- 700N belt drive
- 110kg doorweight
- 170mm/sec opening speed
- 2 4-channel transmitters
- Convenient illumination by opening pass door
- Prepared for Yale WiFi connector

**Yale Powr 1000**

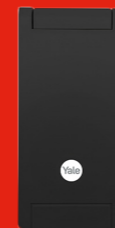


- 1000N belt drive
- 160kg doorweight
- 170mm/sec opening speed
- 2 4-channel transmitters
- Convenient illumination by opening pass door
- Prepared for Yale WiFi connector

Advanced  
Modern  
Silent  
Sustainable  
Reliable

**Yale Powr**

**ACCESSORIES**



**YPKP4C**

Keypad  
4 channel, 433mHz



**YPPB2C**

Push button  
2 channel, 433mHz



**YPTX4C**

Transmitter  
4 channel, 433mHz

**TRACKSETS**

**YPTS2150**

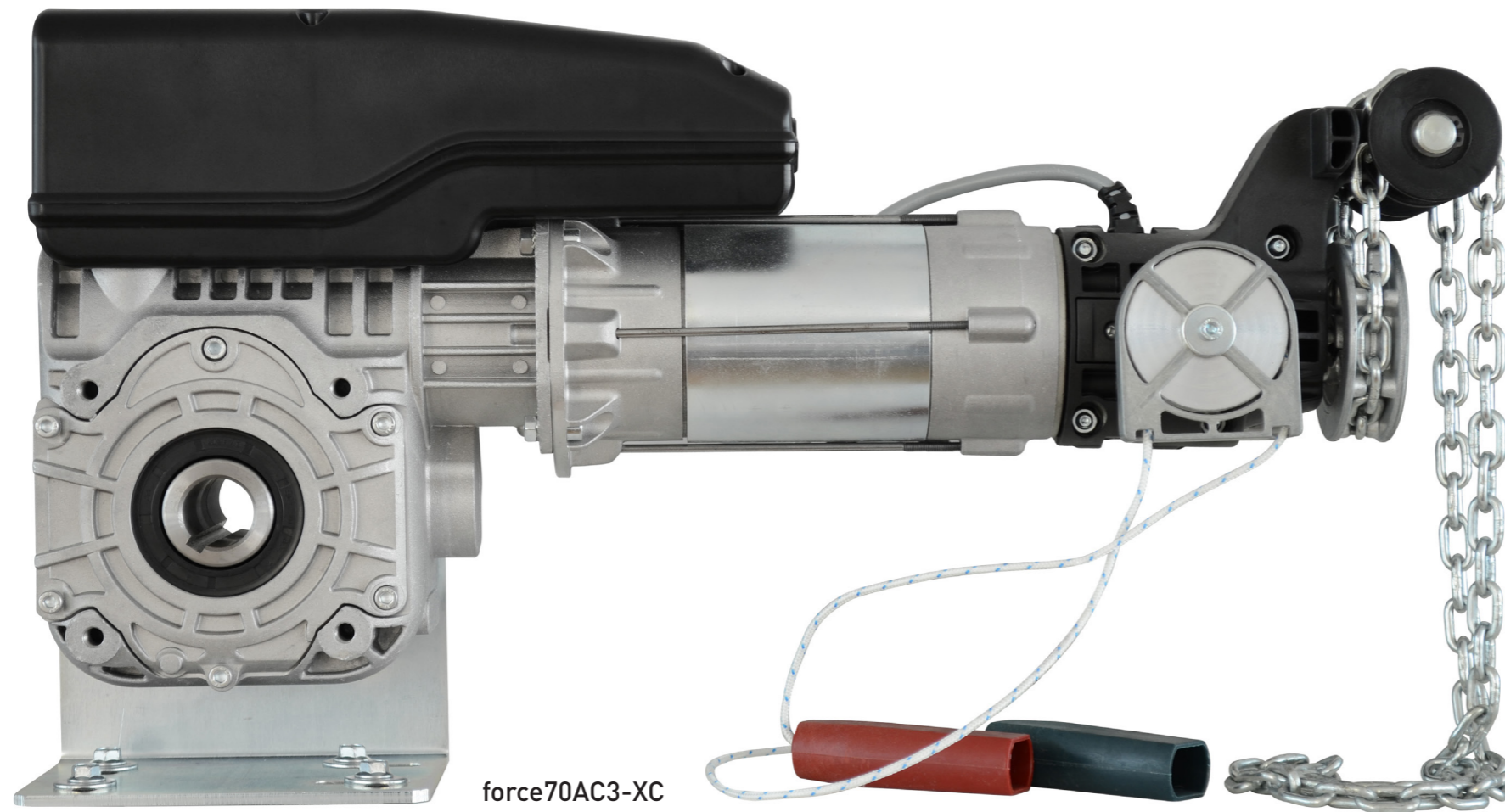
Trackset  
2-piece, 2x1,5m  
OPH 2300mm

**YPTS2200**

Trackset  
2-piece, 2x2m  
OPH 3300mm

**flexiforce<sup>FF</sup>**





force70AC3-XC



force70BS



force70AC3



## FORCE BY GAPOSA

Our range of mono-phase operators from Gaposa is suitable for most overhead doors. A basic drive with a robust and reliable motor. These units have been developed in collaboration with our supplier Gaposa: a high quality Italian manufacturer of operators that specialises in mono-phase drives.

Our selection starts with a simple switch operation, which can open automatically. The force70AC3 can be used for a fully automated door. It is available in two variants: with rapid de-clutching or a chain hoist that de-clutches the motor from the shaft in case of a power cut or for maintenance.

These operators have mechanical end limit adjustment. Our force70AC3 is connected to a 3-button control panel, with connectors for basic functionality.

This has resulted in a range of high-quality motors to suit every situation and every budget.

### Our Force selection:

	force70BS	force70AC3	force70AC3-XC
<b>Operator model</b>	SZX70MCM	SZX70MCM	SZX70MCM
<b>Control unit model</b>	Switch	QC101	QC101
<b>Torque (Nm)</b>	70 Nm	70 Nm	70 Nm
<b>Output speed</b>	21 rpm	21 rpm	21 rpm
<b>Shaft diameter</b>	25.4mm	25.4mm	25.4mm
<b>Holding torque (Nm)</b>	450 Nm	450 Nm	450 Nm
<b>Max. door weight</b>	350 kg	350 kg	350 kg
<b>Power</b>	0.50 kW	0.50 kW	0.50 kW
<b>Voltage</b>	230V	230V	230V
<b>Operating frequency</b>	50Hz	50Hz	50Hz
<b>Operating current</b>	2.20 A	2.20 A	2.20 A
<b>Working temperature</b>	-5 °C/+40 °C	-5 °C/+40 °C	-5 °C/+40 °C
<b>Max. cycles per hour</b>	12 / hr	12 / hr	12 / hr
<b>Declutch</b>	Quick release	Quick release	Chain hoist
<b>Limits</b>	Mechanical	Mechanical	Mechanical
<b>Motor cable length</b>	5m	7m	7m



## FREQUENZ

There can only be one good reason to introduce a new product in an already saturated industrial door openers market: Being convinced that this product offers unique new advantages that allow door companies and maintenance companies to improve their business. We are indeed convinced that Frequenz deserves a place in the market.

### Why?

- Made in Germany, top quality through material selection and design.
- Two versions: 100Nm for doors up to 28m<sup>2</sup> and 140Nm for doors up to 48m<sup>2</sup>.
- Frequency convertor (FU) as standard feature: Always the proper door speed at the right time. Including of course soft-start and soft-stop mode.
- Digital limit switches, easy to set-up in the control system.
- Self-learning force sensing! Approved by TÜV and meeting all CE-demands. The opener learns which force is needed and it recognizes when it meets an obstacle. This means that no additional safety edge system is required. Ultimate safety and a clear cost saving for the installer.
- Manual override hand-chain.
- 230V power supply.

*Frequenz is universal which features only 2 models, with which you can operate almost any installed industrial door. You can decrease stock in drives!*



Specifications	Frequenz-28	Frequenz-48
<b>Torque (Nm)</b>	100Nm	140Nm
<b>Output speed</b>	Variable up to 681 mm/s	Variable up to 524mm/s
<b>Shaft diameter</b>	25.4mm	31.75mm
<b>Max. door weight</b>	360 kg	640 kg
<b>Max. door size</b>	28 m <sup>2</sup>	48 m <sup>2</sup>
<b>Power</b>	0.55 kW	1.10 kW
<b>Voltage</b>	1x230V	1x230V
<b>Operating frequency</b>	50Hz	50Hz
<b>Operating current</b>	3.5 A	5.2 A
<b>Working temperature</b>	-5 °C/+40 °C	-5 °C/+40 °C
<b>Max. cycles per hour</b>	40% duty cycle	40% duty cycle
<b>Declutch</b>	Chain hoist	Chain hoist
<b>Limits</b>	Digital	Digital
<b>Motor cable length</b>	1m / 9m	1m / 9m





## SELECTION ACCESSORIES

With our vast range of accessories you can offer your customer a complete package, including cable sets, detection loops, light curtains, traffic lights, remote controls, receivers and different safety edge systems. Available from stock in all FlexiForce warehouses. On these pages, but also in our price list and in our online catalogue you will find a complete overview. Up-sell for more comfort and safety!



**TX4UNIF**

Hand transmitter, 4 channel, Evolution



**770E**

Protection system, photocell, IR, Evolution



**78EVO**

Wall control, wired, illuminated, 4 functions, Evolution



**9700TAG**

Key-fob, set of 5, for 9700V24



**1034-WPDS**

Wireless pass door switch, incl. receiver



**FORCELC2**

Light curtain, class 2, h=2520mm



**OSE-1113704**

Spiral cord, 5-core, factor 4



**HERKULES2E**

Motion detector, microwave radar



**128EVO**

Push button, wireless, 2 channel, Evolution



**810CR5/840CR5**

Extension kit for draw-bars 8030CR5, 8023CR5/8323CR5, Evolution



**75EVO**

Push button, wired, illuminated, Evolution



**LED-BAR-R**

LED warning light, red flashing, bottom panel



**9700W**

Keypad, wireless, 24V



**9700V24**

Keypad, wired, 24V, integrated card reader



**828EVO**

Internet gateway, MyQ, Evolution



**829EVO**

Garage door monitor, Evolution



**F70AC3-TX**

Hand transmitter, 3 channel, incl. battery, Force



**FORCETLR**

Traffic light, red, single, LED



**FORCETLG**

Traffic light, green, single, LED

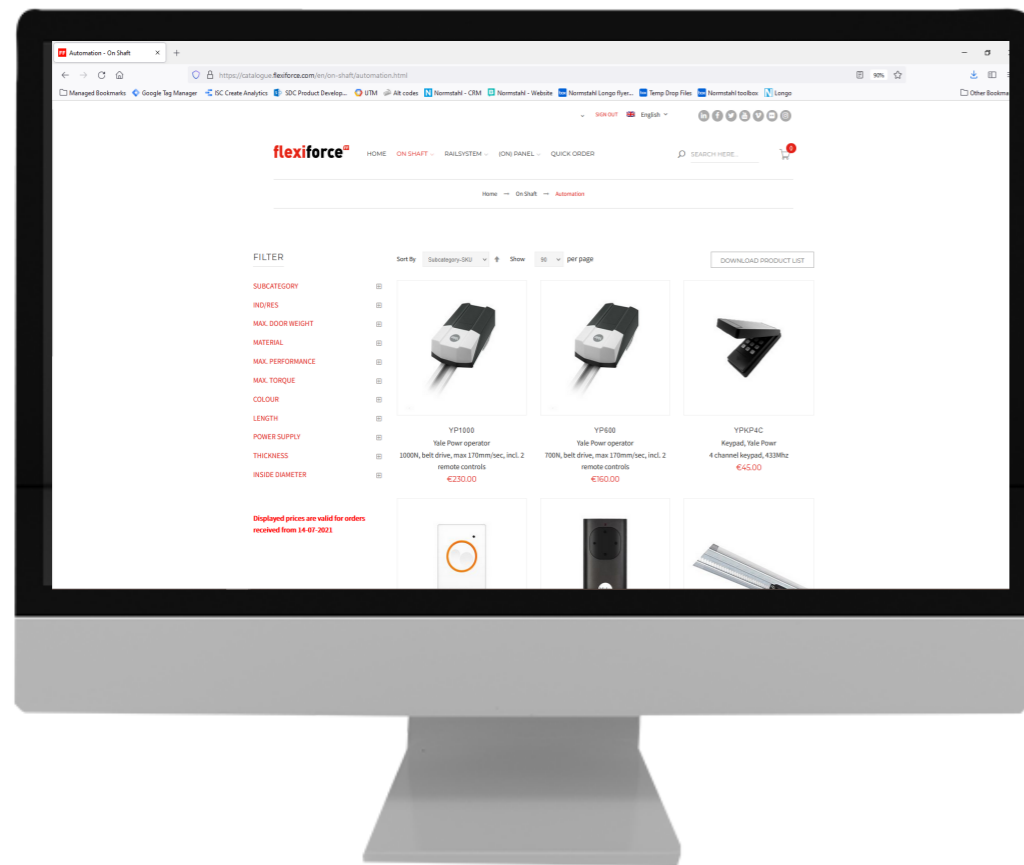


**FORCETLRG**

Traffic light, double, LED



## WHERE TO FIND US



A total overview of our automation selection products, including technical details and prices, can be found online via [catalogue.flexiforce.com](https://catalogue.flexiforce.com).

### **FlexiForce Netherlands**

Hanzeweg 19  
3771 NG Barneveld  
PO Box 37  
3770 AA Barneveld  
The Netherlands

[info.nl@flexiforce.com](mailto:info.nl@flexiforce.com)

### **FlexiForce France**

13 rue du Morellon  
38070 SAINT QUEN-  
TIN FALLAVIER  
France

[zuid@flexiforce.com](mailto:zuid@flexiforce.com)

### **FlexiForce Italy**

Via dei Tigli CNM  
Alfianello 25020  
Italia

[info.it@flexiforce.com](mailto:info.it@flexiforce.com)

### **FlexiForce Ibérica,**

Apartado Correos 403,  
Ctra.  
Nacional 332  
Km. 211 46780 – Oliva  
(Valencia)  
Spain

[info.es@flexiforce.com](mailto:info.es@flexiforce.com)

### **FlexiForce Poland**

Norblina 17/19  
95-015 Głowno  
Poland

[zamowienia@flexiforce.com](mailto:zamowienia@flexiforce.com)

### **FlexiForce Hungary**

Medvefű str. 24  
4031 Debrecen  
Hungary

[externalsales.hu@flexiforce.com](mailto:externalsales.hu@flexiforce.com)

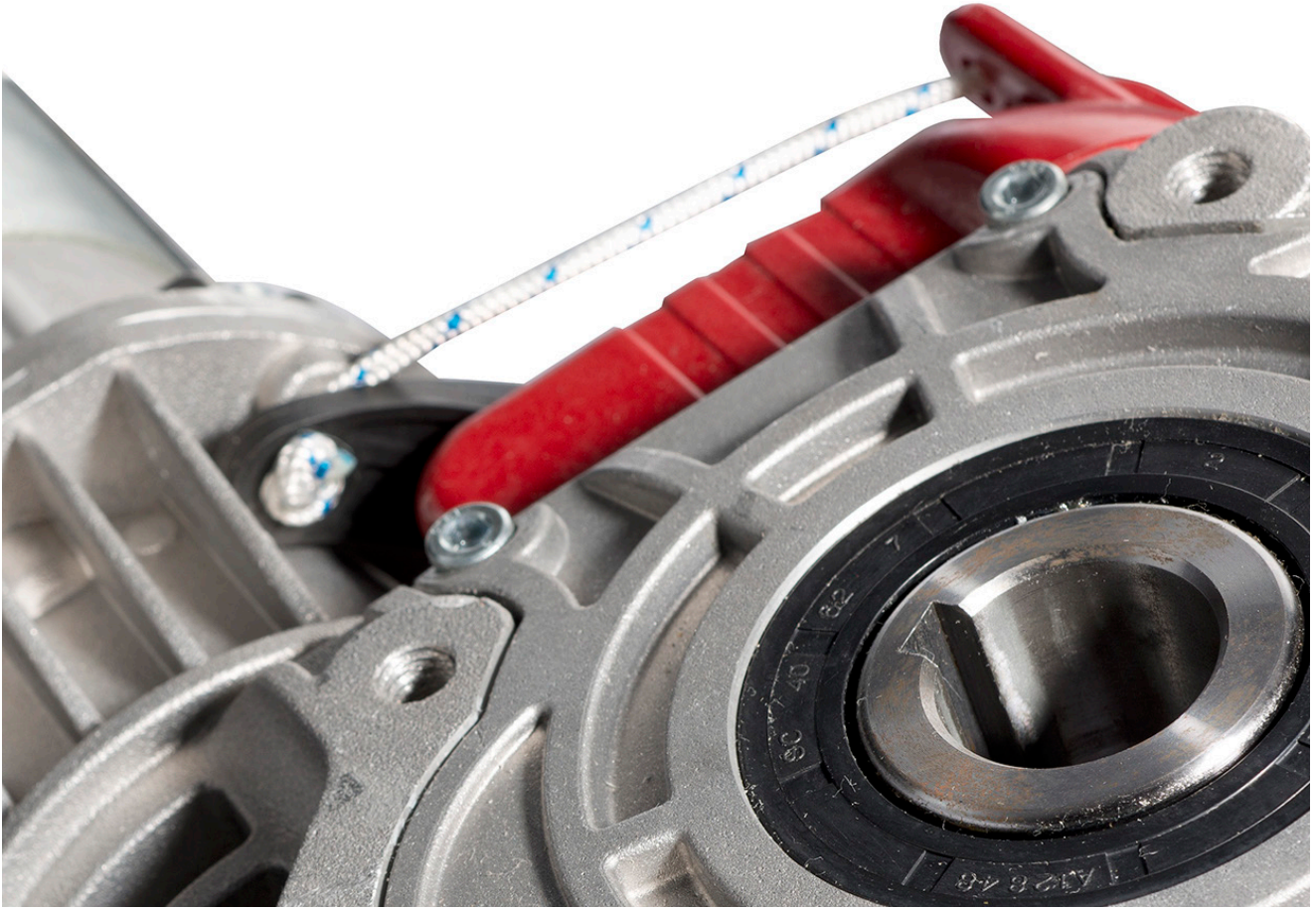
### **FlexiForce Turkey**

Sekerpınar Mahallesi Aycicek Sokak  
Kapi No: 24 (245 ada, 31 parsel)  
41420, Çayırova  
KOCAELI / TURKEY

[mert.kaptan@flexiforce.com](mailto:mert.kaptan@flexiforce.com)



# FLEXIFORCE AUTOMATION SELECTION



With more than 10 years of experience in automation for overhead doors, FlexiForce now introduces a completely renewed range of solutions for residential and industrial doors. We have listened carefully to the needs of our customers in Europe and we have become experts in all aspects of door automation.

This results in our AUTOMATION SELECTION, with which we can offer the best products from the best suppliers.

Suitable for specific applications, for different budgets and for different levels of convenience and safety.

**E:** [info@flexiforce.com](mailto:info@flexiforce.com)

**I:** [www.flexiforce.com](http://www.flexiforce.com)

**flexiforce**<sup>FF</sup>