

ISODOOR®

OTOMATİK KAPI SİSTEMLERİ



Opening doors around the world...

BENINCA®
TECHNOLOGY TO OPEN

TOPP
movement technologies

MFZOVITOR



TÜRK STANDARTLARI ENSTİTÜSÜ

TSE-TR90

HİZMET YETERLİLİK BELGESİ

Belge No : 1041/05-2453
 İlk Veriliş Tarihi : 05.04.2012
 Son Değişiklik Tarihi : 09.04.2013

Provanın Adı : İSİLA OTOMATİK KAPI SİSTEMLERİ LOJİSTİK İNŞAAT SANAYİ VE TİCARİET

Firma Adresi : İZMİR İLİ ÇEVRESEL BAKANLIK BÖLGESİ H. CAĞAR CD NO 18 İZMİR İLİ MİMARLAR KAMU BİRLİĞİ

Marka Yeri Adresi : İZMİR İLİ ÇEVRESEL BAKANLIK BÖLGESİ H. CAĞAR CD NO 18 İZMİR İLİ MİMARLAR KAMU BİRLİĞİ

Marka No : 2007/3443 - Tazart

Türk Patent Enstitüsü

ISODOOR

OTOMATİK KAPI SİSTEMLERİ

Marka Sahibi : İSİLA OTOMATİK KAPI SİSTEMLERİ LOJİSTİK İNŞAAT SANAYİ VE TİCARİET LİMİTED ŞİRKETİ
 TÜRKİYE CUMHURİYETİ
 Sokakları Mahallesi İsmail Ezer Bulvarı C/11 Kanadı
 Apartmanı Ah. Necla'sa Mahallesi KAYSERİ

Emtiası : 89
 İlyakıdır.

Markaların Korunması Hakkında 556 Sayılı Kanun Hükmünde Kararnameye göre 21/12/2007 tarihinde İlhaner ÖN Y.İ. maddetle 14/12/2008 tarihinde tescil edilmiştir.

Markaların Korunması Hakkında 556 Sayılı Kanun Hükmünde Kararnameye göre 21/12/2007 tarihinde İlhaner ÖN Y.İ. maddetle 14/12/2008 tarihinde tescil edilmiştir.

TÜRK PATENT ENSTİTÜSÜ

T.C. TÜRK PATENT ENSTİTÜSÜ

MARKA TESCİL BELGESİ

Marka No : 2007/3443 - Tazart

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TÜRK PATENT ENSTİTÜSÜ

Kalite

SERTİFİKA-CERTIFICATE OF REGISTRATION

Bu sertifika aşağıdaki kuruluşla
 This certificate has been awarded to the company

İSİLA OTOMATİK KAPI SİSTEMLERİ LOJİSTİK İNŞAAT SANAYİ VE TİCARİET LİMİTED ŞİRKETİ
Mimarşani O.S.B.15. Cadde No:18
KAYSERİ

Uygulanmakta olan kalite yönetim sisteminin
 To certify that the implemented quality management system complies with

ISO 9001:2008

Standartına uygunluğunu belgelendirmek amacı ile aşağıdaki kapsamda verilmiştir.
 For the activities described below

OTOMATİK KAPI SİSTEMLERİ TASARIMI, ÜRETİMİ VE SATIŞI

DESIGNING, PRODUCTION AND SALES OF AUTOMATIC DOOR SYSTEMS

EAC 19, 28

Kalite Belgelendirme ve Eğitim Hizmetleri Ltd. Şti. :

Sertifika No : K-QM-4172
 İlk Veriliş Tarihi : 22.02.2012
 First Registration Date : 22.02.2012
 Belgelerin Geçerliliği : 3 yıl
 Period of Validity : 3 years
 Sertifikasyon Tarihi : 22.02.2012
 Certification Date : 22.02.2012

DECLARATION OF CONFORMITY

EC – Declaration of Conformity

Manufacturer: MFZ Antrieb GmbH & Co. KG, Neue Mühle 4, D-48739 Legden

We hereby declare that on the basis of its construction and design as well as in the version marketed by us the product described below:

CS300 – Door Controls

Complies with the relevant basic safety and health requirements of EC directives and standards stated below:

EC – Construction Products Directive 89/106/EEC

EN 12543-1 Industrial, commercial and garage doors and gates - Product Standard - Part 1: Products without the assistance or active control of electric actuators, commercial or garage doors and gates.
 EN 12543-2 Safety in use of power operated doors - Requirements industrial, commercial and garage doors and gates.
 EN 12543-3 Safety in use of power operated doors - Test methods industrial, commercial and garage doors and gates. Safety zones in power operated doors and gates - Test methods and test methods

EC – Electromagnetic Compatibility (EMC) Directive 2004/108/EC

EN 55014-1 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Standard
 EN 55014-2 Electromagnetic compatibility (EMC) - Immunity tests
 EN 55014-3 Electromagnetic compatibility (EMC) - Part 3-2: Limits of emission and immunity test methods for household and similar electrical equipment
 EN 55014-4 Electromagnetic compatibility (EMC) - Part 4-2: Generic standards - Immunity for industrial and commercial environments
 EN 55014-5 Electromagnetic compatibility (EMC) - Part 5-2: Generic standards - Emission standard for residential, commercial and light industrial environments

EC – Machinery Directive 2006/42/EC

EN 60204-1 Safety of machinery - Electrical equipment of machines - General requirements
 EN 12100-1 Safety of machinery - Basic concepts, general principles for design - Part 1: Basic terminology, methodology

EC – Low Voltage Directive 2006/95/EC

EN 50231-1 Household and similar electrical appliances - Safety
 EN 50231-2 Particular requirements for drives for gates, doors and windows
 BS02 232 - Directive for Power-down Windows, Doors and Gates Directive

Place / Date:
 Legden, 29 December 2009

Manufacturer Signature: [Signature]
 Hans-Joachim Holtzer
 Function of the Signatory:
 Management

CE

DECLARATION OF INCORPORATION

EC Declaration of Incorporation

Manufacturer: MFZ Antrieb GmbH & Co. KG, Neue Mühle 4, D-48739 Legden

We hereby declare that the products described below:

STAI-E, STAI-KU and STAI-KE

are in conformity with the essential requirements of the Machinery Directive 2006/42/EC.

In addition, the partly completed machinery is in conformity with the Construction Products Directive 89/106/EC, the Electromagnetic Compatibility Directive 2004/108/EC and the Low Voltage Directive 2006/95/EC.

The following standards were applied:

EN 60204-1 Safety of machinery, electrical equipment of machines - Part 1: General requirements
 EN 12100-1 Safety of machinery - Basic concepts, general principles for design - Part 1: Basic terminology, methodology
 EN 12543-1 Safety in use of power operated doors - Requirements industrial, commercial and garage doors and gates - Mechanical aspects - Requirements
 EN 55014-2-2 Electromagnetic compatibility (EMC) - Part 4-2: Generic standards - Immunity standards for industrial environments
 EN 55014-3-3 Electromagnetic compatibility (EMC) - Part 3-3: Generic standards - Emission standard for residential, commercial and light industrial environments
 EN 60335-1 Household and similar electrical appliances - Safety
 EN 60335-2-103 Particular requirements for drives for gates, doors and windows

The relevant technical documentation is compiled in accordance with Annex VII(B) of the Machinery Directive 2006/42/EC. We undertake to transmit, in response to a reasoned request by the market surveillance authorities, this documentation in electronic form within a reasonable period of time.

Person authorized to compile the relevant technical documentation:
 MFZ Antrieb GmbH & Co. KG, manufacturer's address

The machinery is incomplete and must not be put into service until the machinery into which the partly completed machinery is to be incorporated has been declared in conformity with the provisions of the Machinery Directive 2006/42/EC.

Place / Date:
 Legden, 10/10/2011

Manufacturer's signature: [Signature]
 Hans-Joachim Holtzer
 Position of signatory:
 Management

CE

DECLARATION OF INCORPORATION

EC Declaration of Incorporation

Manufacturer: MFZ Antrieb GmbH & Co. KG, Neue Mühle 4, D-48739 Legden

We hereby declare that the products described below:

Sectional door drive STAI-E, STAI-KU and STAI-KE

are in conformity with the essential requirements of the Machinery Directive 2006/42/EC.

In addition, the partly completed machinery is in conformity with the Construction Products Directive 89/106/EC, the Electromagnetic Compatibility Directive 2004/108/EC and the Low Voltage Directive 2006/95/EC.

The following standards were applied:

EN 60204-1 Safety of machinery, electrical equipment of machines - Part 1: General requirements
 EN 12100-1 Safety of machinery - Basic concepts, general principles for design - Part 1: Basic terminology, methodology
 EN 12543-1 Safety in use of power operated doors - Requirements industrial, commercial and garage doors and gates - Mechanical aspects - Requirements
 EN 55014-2-2 Electromagnetic compatibility (EMC) - Part 4-2: Generic standards - Immunity standards for industrial environments
 EN 55014-3-3 Electromagnetic compatibility (EMC) - Part 3-3: Generic standards - Emission standard for residential, commercial and light industrial environments
 EN 60335-1 Household and similar electrical appliances - Safety
 EN 60335-2-103 Particular requirements for drives for gates, doors and windows

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Place / Date:
 Legden, 10/10/2011

Manufacturer's signature: [Signature]
 Hans-Joachim Holtzer
 Position of signatory:
 Management

CE

TYPE B CE CONFORMITY CERTIFICATE

European CEN - CLC Directives and National UNI - CEI Directives

TOPP S.p.A.
 Via L. Garavani, 59
 35066 Sardinópolis (VI)
 ITALIA

TOPP
 tecnologia del movimento

CE

declares that the electrical device
 defined as: **ELECTROMECHANICAL AUTOMATION FOR LINEAR SLIDING DOORS WITH ONE OR TWO PANELS**
 type: K140
 Serial number and year of construction: see rating plate and CE marking applied to automation

complies with the terms of the following directives:

2006/42/CE
 Machine Directive

2006/95/CE
 Low Voltage Directive: electrical material designed for use within certain voltage limits

2004/108/CE
 Electromagnetic Compatibility Directive: concerning the harmonization of legislations among the member countries relative to electromagnetic compatibility.

and also declares that the following harmonized standards have been applied:

EN 61000-3-2 (2006)
 EN 61000-3-3 (2005)
 EN 55014-1 (2006)
 EN 55014-2 (2007)
 EN 55014-3 (2008)
 EN 55014-4 (2006)

The automation for linear sliding doors mod.K140, subject of this declaration, may not be started up and used in the absence of the CE conformity certificate type A, that must be supplied by the installer.

Date: Sardinópolis, 15/01/2008

Matteo Cavatone [Signature]

CE

BENINCA
 TECHNOLOGY TO OPEN

EC Declaration of Conformity regarding machines
 (Directive 89/392/EEC, Annex II) - No warning

Manufacturer: Automobili Beninca SpA,
 Address: Via Capriola, 45 - 36066 Sardinópolis (VI) - Italia

We hereby declare that the automatic system for sliding gates, BELE 404 - 434 model:

- intended to be incorporated into a machine or assembled together with other devices to form a machine in compliance with the EC Directive 89/392
- designed in such a way to meet compliance with this Directive
- in compliance with the provisions set forth in the following other EC Directives:
 EC Low Voltage Directive (73/23/EEC, 93/68/EEC)
 EC Directive of Electromagnetic Compatibility (89/333/EEC, 93/68/EEC)

and that:

the following particulars of the harmonized standard have been applied:
 EN 59052, EN 43890-3-2, EN 43890-3-3, EN 59052-1, EN 60335-1

and furthermore declares that it is not allowed to put the machinery into service until the machinery into which it is to be incorporated or of which it is to be a component has been declared to be in conformity with the provisions of the EC Directive 89/392/EEC and with national implementing legislation, in so far as, including the machinery referred to in this declaration.

Beninca Legit. Responsible legal:
 Sardinópolis, 18/02/2008

[Signature]

Declaration by the manufacturer
 (Directive 89/392/EEC, Annex II) - No warning
 Divisivo di messa in servizio

Manufacturer: Automobili Beninca SpA,
 Address: Via Capriola, 45 - 36066 Sardinópolis (VI) - Italia

We hereby declare that the operator for sliding gates model M34

- intended to be incorporated into a machine or assembled with other machinery to constitute machinery covered by Directive 89/392/EEC, as amended
- does therefore not in every respect comply with the provisions of this Directive
- in compliance with the provisions set forth in the following other EC Directives:
 EC Low Voltage Directive (73/23/EEC, 93/68/EEC)
 EC Directive of Electromagnetic Compatibility (89/333/EEC, 93/68/EEC)

and that:

the following particulars of the harmonized standard have been applied:
 EN 59052, EN 43890-3-2, EN 43890-3-3, EN 59052-1, EN 60335-1

and furthermore declares that it is not allowed to put the machinery into service until the machinery into which it is to be incorporated or of which it is to be a component has been declared to be in conformity with the provisions of the EC Directive 89/392/EEC and with national implementing legislation, in so far as, including the machinery referred to in this declaration.

Beninca Legit. Responsible legal:
 Sardinópolis, 18/02/2008

[Signature]

DECLARATION OF CONFORMITY

Declaración CE de conformidad para máquinas
 (Directiva 89/392/CEE, Anexo II) - Sin advertencia
 Prohibición de puesta en servicio

Fabricante: Automobili Beninca SpA,
 Dirección: Via Capriola, 45 - 36066 Sardinópolis (VI) - Italia

Declaramos que el sistema automático para puertas deslizantes BELE 404 - 434 modelo:

- está diseñado para incorporarse en una máquina o para ser ensamblado con otros dispositivos para constituir una máquina sujeta por la Directiva 89/392/CEE, tal como se modificó
- no es, por consiguiente, conforme en todos los puntos a la posición de esta Directiva
- se conforma con las disposiciones de las siguientes otras Directivas CE:
 Directiva de la baja tensión 73/23/CEE, 93/68/CEE
 Directiva de compatibilidad electromagnética 89/333/CEE, 93/68/CEE

y que:

se han aplicado las siguientes particularidades de normas armonizadas:
 EN 59052, EN 43890-3-2, EN 43890-3-3, EN 59052-1, EN 60335-1

además declara que no se permite poner en servicio la maquinaria hasta que la máquina en la cual será incorporada o de la cual formará parte sea declarada en conformidad con las disposiciones de la Directiva 89/392/CEE y la legislación nacional que se aplicará, en su caso, incluyendo la maquinaria referida en esta declaración.

Beninca Legit. Responsable legal:
 Sardinópolis, 18/02/2008

[Signature]

Declaración UE o zgodnosti z normami držav članic
 (Direktiva 89/392/EGZ, Priloga II, Črna lista)
 Zabranjeno vključevanje

Proizvajalec: Automobili Beninca SpA,
 Adresa: Via Capriola, 45 - 36066 Sardinópolis (VI) - Italija

Ovlaščenec je: Avtomatizirani sistem za premikanje vratnih plošč M34

- predvideno je vključevanje v strojno opremo ali sestavo z drugimi strojnimi deli, ki bodo ustvarili strojno opremo, ki je podvržena Direktivi 89/392/EGZ, kakor je bila spremenjena
- zato ne izpolnjuje vseh zahtev te Direktive
- je skladna s predpisi, določenimi v naslednjih drugih evropskih direktivah:
 Direktiva o nizki napetosti (73/23/EGZ, 93/68/EGZ)
 Direktiva o elektromagnetni združljivosti (89/333/EGZ, 93/68/EGZ)

in da:

splošne značilnosti usklajenih standardov, ki so se uporabljale:
 EN 59052, EN 43890-3-2, EN 43890-3-3, EN 59052-1, EN 60335-1

in poleg tega izjavlja, da ni dovoljeno uporabiti strojno opremo, dokler ni bila deklarirana v skladu s predpisi Direktive 89/392/EGZ in nacionalnimi predpisi, ki se uporabljajo, če vključuje strojno opremo, na katero se sklicuje v tej deklaraciji.

Beninca Legit. Responsible legal:
 Sardinópolis, 18/02/2008

[Signature]

Isodoor Automatic Door Systems, was established in Netherlands at 1992. Our company serving you with sectional garage and industrial door production, garden, garage, industrial door automation, parking- barrier systems and our range of accessories. We continue our service with latest technology machines for produce quality products.

15 years in the Netherlands, ISODOOR has shown activity on the production of the factory doors, garage doors and automatic photocell doors. Then later, In Mimarsinan Kayseri Organized Industrial Zone investments continues European life style and technology to offer the best way to Turkey. Convinced that will take advantage of this technology R&D efforts are continuing order to maintain a comfortable lifestyle in our country.

Our products are imported from the Germany, the Netherlands and The Italy. The sales points all over Turkey can supply the same quality products and you can take advantage of this privilege. Establishing modern systems, and offer your services for contemporary Turkey.

BILKA LTD. COMP. configures to ensure quality, dignity and sectoral leadership production standards of the countries in which it operates with draw up an understanding of customer satisfaction.

Our main strategy is to provide our customers a modern, reliable, economical and high quality service.

Our Vision

Able to offer consumers the best by providing services in different formats with modern production and with strategy of always being in front of consumer expectations.

Our Mission

In Turkey, strengthen its leading position in the manufacturing sector and ascend the leading position in which it operates in countries, to become a regional powerhouse in the industry chain.

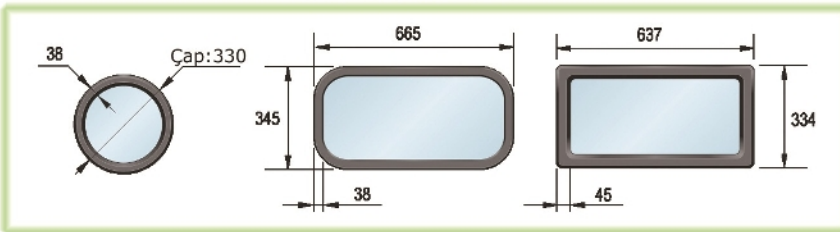




At the aesthetic and the light concerns of the places , are produced sectional doors with acrylic glass and aluminum carrier profiles. These applications, particularly is preferred for the displays in automotive industry and showrooms areas.

Between the door panels, top, sides and bottom of the thermoplastic black gaskets obstacle air, rain, dust and wind pass through and provides a high degree of impermeability.

Industrial windows



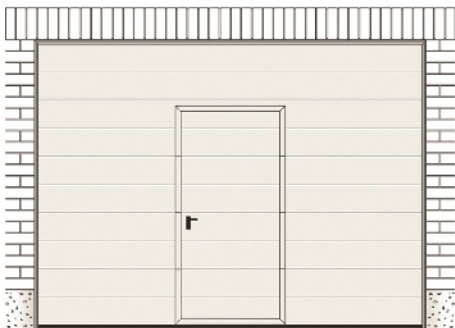
* Service door with low step

Personnel transition areas that require, service door can open on door panels. Personnel doors and industrial doors, operates as a whole.

For lighting, on the door panels a single or double acrylic glass windows can be opened.

The door panels are the standard white color. In addition, according to the desired color can be painted (Ral colors).

Pass Door



* Upon request, left, center and right are applied.

Ral colors



* All RAL colors applicable

Standard color
RAL 9016



Sectional doors can be applied as a manual or motorized. Between the ceiling height and the top level of the gap in the door, ray tries to slip in using the most appropriate way.

This gap is based on the distance have guiding rail systems in different ways. Forward technological, reliable and detailed has a fundamental importance.

ISODOOR industrial sectional doors, since the beginning gives you the assurance you are looking for exactly.



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Spring break safety system

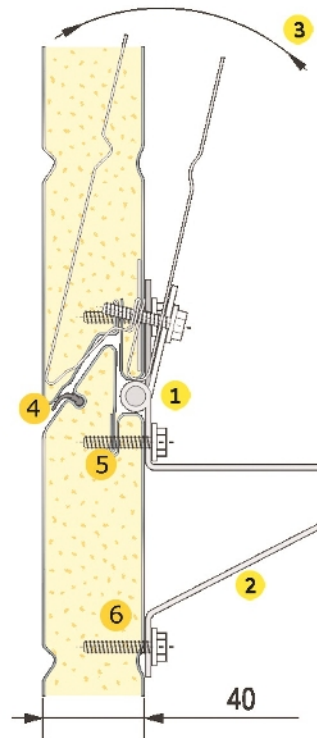
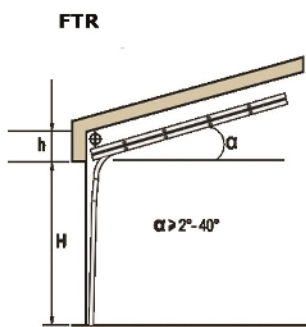
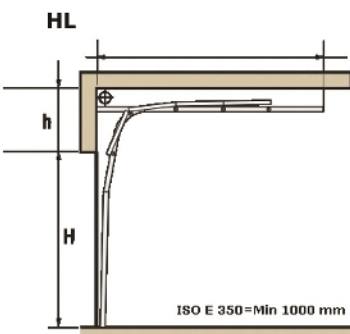
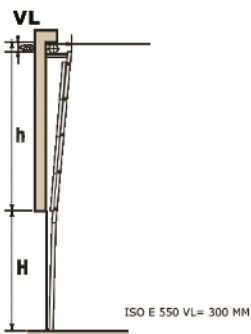
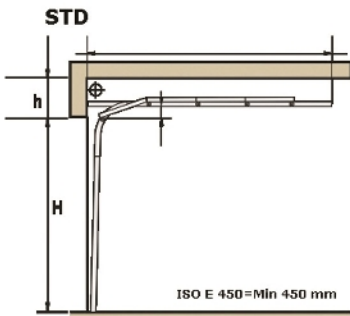


- 1 Horizontal rail
- 2 Vertical rail
- 3 Panel
- 4 Spring
- 5 Drum
- 6 Side hinge
- 7 Medium hinge
- 8 Ball Wheels
- 9 Windows
- 10 Rope breaking saf. sys



Rope breaking safety system

Bearing Types



- 1 Medium hinge
- 2 Wind Reinforcement
- 3 Panel Direction of Rotation
- 4 Tightness seal
- 5 Reinforcement plate
- 6 Panel Screw

Panel provides maximum strength screws thanks to the addition to the support plate on the panel.

Provides impermeability through the panels that may occur to prevent water, dust and dirt thanks to the sealing gasket on the panels

STD : Standard Bearing Doors

HL : High Bearing Doors

VL : High Bearing Doors (Giotin)

FTR : Standard Bearing Curved Roof Doors



Panels has finger compression safety system

With this feature while opening the door that may occur all of jams are prevented

STAC SERIES AUTOMATION SYSTEMS



STAC Series Products

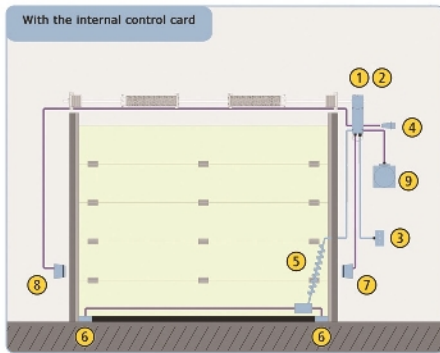
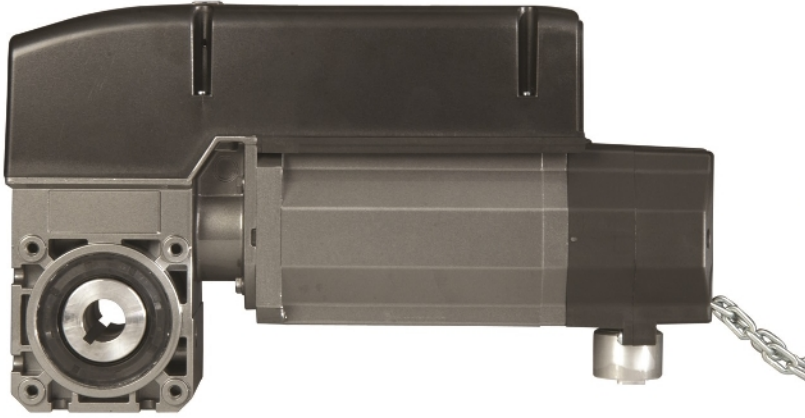
STA / STAC series engines, most suitable designed as a for arc balancing doors.

In the smallest place gear box with a special motor that provides to large power specifically developed for this use.

Therefore, motors are very compact building form. The body is quite narrow.

Specifications;

- Aluminum gray cast iron housing 25.4 mm
- Wrapped worm gear shaft
- Shaft bearing with double worm gear
- Motor winding thermal protection
- 230 / 400 / 50 Hz / 3~, special solutions on request
- Pluggable connections
- With the overall control program can be combined
- Arm to chain easy hardware mitigation



- 1 Engine
- 2 Remote control
- 3 Triple Button
- 4 CEE socket
- 5 Spiral cable
- 6 Opto sensors
- 7 Light barrier
- 8 Light barrier
- 9 Lamp

Technical Specifications

STAC1-10-24 KE

Operating Voltage	400 Vac 50 Hz
Maximum Current	2,6/1,5 A
Engine Power	0,37 KW
Motor Cycle	1350 RPM
Gear Ratio	45:1
Output Speed Reducer	24 RPM
Maximum Torque	100 Nm
Electronic Limit Switch	Yes
At 1 hour, The maximum duty cycle ratio of the engine	% 60
Applicable Shaft Diameter	25,4 mm
Structure of Release	With chain
IP Protection Coefficient	IP 54

Superior German technology MFZ OVİTOR

CS 250
Control Card



- The control over the end position sensor
- Without self stopping «OFF» direction of movement
- Without self stopping «OPEN» direction of movement
- The last position with external 3-button
- Opto laser or pneumatic safety system suitable for use.



3- Button

Opto Laser Syst.

Spiral Cable Set

STA SERIES AUTOMATION SYSTEMS

MFZ OVİTOR

STA Series Products;

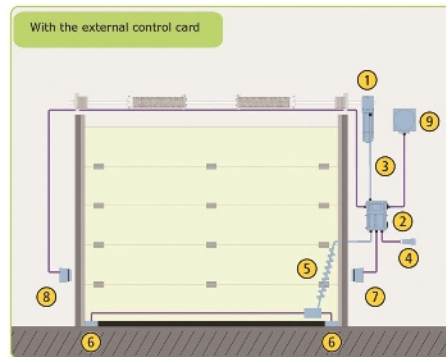
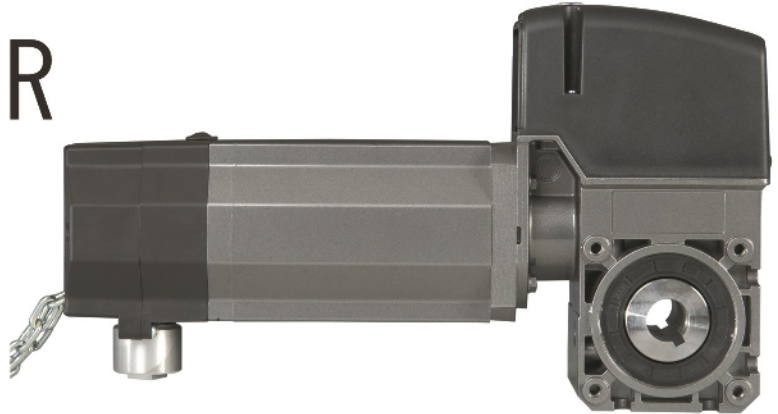
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- With the overall control program can be combined
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- 1 Engine
- 2 Remote control
- 3 Triple Button
- 4 CEE socket
- 5 Spiral cable
- 6 Opto sensors
- 7 Light barrier
- 8 Light barrier
- 9 Traffic Lights

Technical Specifications

	STA1-10-24 KE	STA1-12-19 KE
Operating Voltage	400 Vac 50 Hz	400 Vac 50 Hz
Maximum Current	2,6/1,5 A	3,45/2 A
Engine Power	0,37 KW	0,55 KW
Motor Cycle	1350 RPM	1350 RPM
Gear Ratio	45:1	45:1
Output Speed Reducer	24 RPM	19 RPM
Maximum Torque	100 Nm	120 Nm
Electronic Limit Switch	Yes	Yes
At 1 hour, The maximum duty cycle ratio of the engine	% 60	% 60
Applicable Shaft Diameter	25,4 mm	25,4 mm - 31,75 mm
Structure of Release	With chain	With chain
IP Protection Coefficient	IP 54	IP 54

Superior German technology MFZ OVİTOR



External Control Card

CS 300

- Comprehensive functions
- Programmable 4 relay outputs
- Text display LCD screen (optional)
- Large connection area with many connection
- Power supply for external devices
- Opto laser and pneumatic safety system suitable for use.



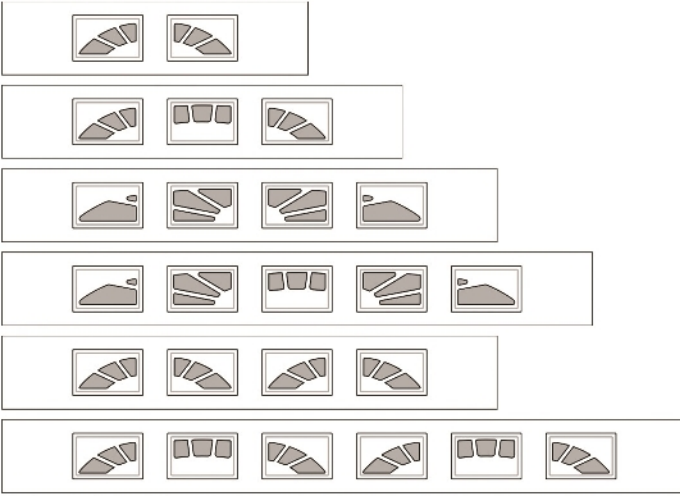
Spiral Cable

Opto Laser

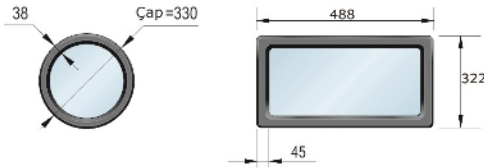
Motor Cable



Decorative Windows



Can make the garage doors more flashy with the decorative window options. (Windows have standard white framed)



Decorative garage doors underground parking entrances of detached housing, apartment buildings and sites from floor to ceiling sliding door systems.

Motorized and manually applied. Protect your vehicle from the weather conditions such as rain, wind, snow and dust. And also provides security.

All the features to increase comfort and safety

- Remote controls
- Automation system with obstacle detector
- In garage, lighting during opening
- Manual opening when electric interruption
- Normal or low lift
- Manual lock opening from outside
- Automatic closing features
- Safety photocell
- Lighting windows
- Door panels can be painted the desired color (Ral Color)

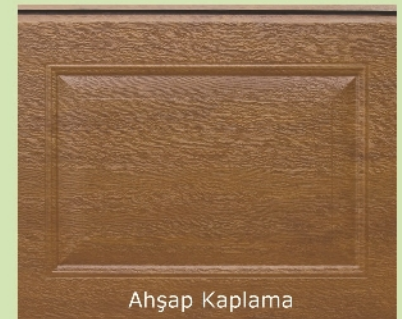
Ral Color Catalog

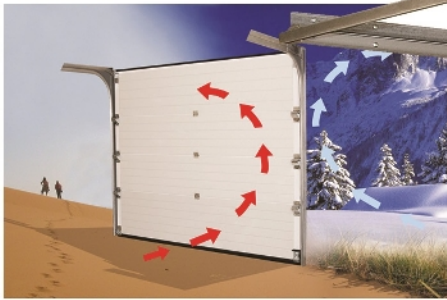
Standard Color



Panel Types

Line and cassette door panels can have any color you want the garage door. (RAL color)





* Garage is completely protected against all weather conditions



Panels has finger compression safety system

- 1 Horizontal rail
- 2 Vertical rail
- 3 Panel
- 4 Arc
- 5 Drum
- 6 Side hinge
- 7 Medium hinge
- 8 Ball Wheels
- 9 Bottom Wheel Holder
- 10 Spindle Support Plate



The door lock and door handle

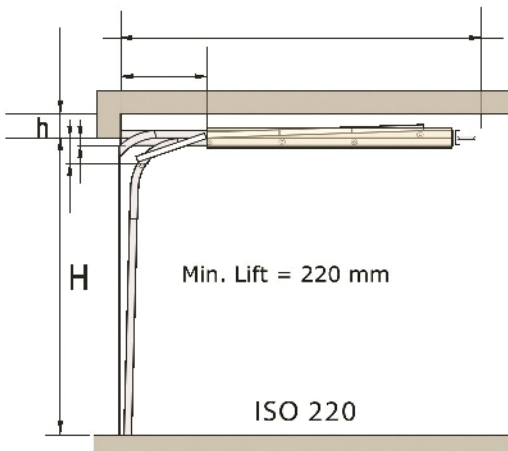


Set the release



Spring Road Safety System

Lift Types



The standard features on the doors

- Double arc of Arc set
- Galvanized side plates and hinges
- Galvanized painted springs
- 1.5 mm 2 "galvanized steel rail kit
- Can be mounting side impermeability seal to the rail
- Aluminum upper seal profile
- Aluminum bottom seal profile
- Easy mounting system
- The top seal
- The bottom seal
- Filled pipe shaft with a keyway
- Filled pipe shaft without a keyway
- Door Handle



JIM SERIES AUTOMATION SYSTEMS



Quick and easy release mechanism.



The doors run silent thanks to belt rail kit



No need to extra receiver card and flasher thanks to on the control panels functions



Technical Specifications

JM.3

JM.4

Operating Voltage	24 Vdc	24 Vdc
Maksimum Current	0,7 A	1,5 A
Engine Power	600 N	1200 N
Start Time	8,9 m/dk	8,9 m/dk
Working Time	Suitable for intensive use	Suitable for intensive use
Limit Switch	Encoder, electronic	Encoder, electronic
Maximum Door Removal Area	12 squaremeters	15 squaremeters
Working Temperature	-20 +50 °C	-20 +50 °C
Traction	200 W	250 W
Ray Sets Compatible	SNA 6	SNA 11
Structure of Release	corded	corded
IP Protection Coefficient	IP 40	IP 40



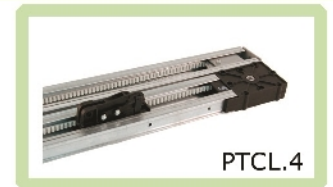
PTCI.3

The one piece rail kit can be used seamlessly up to 2350 mm door height. Works quietly and doesn't bother you thanks to belt.



PTC.3

The two pieces rail kit can be used seamlessly up to 2350 mm door height. Works quietly and doesn't bother you thanks to belt. 1,5 m of each of part



PTCL.4

The two pieces rail kit can be used seamlessly up to 2350 mm door height. Works quietly and doesn't bother you thanks to belt. 2 m of each of part

Beninca Accessories



2-Channel Control Types



4-Channel Remote Control



Safety photocell

SPIN SERIES AUTOMATION SYSTEMS



Quick and easy release mechanism.



The doors run silent thanks to belt rail kit



No need to extra receiver card and flasher thanks to on the control panels functions



Technical Specifications

SPIN 11

SPIN 22

Operating Voltage	24 Vdc	24 Vdc
Maksimum Current	0,7 A	0,8 A
Engine Power	550 N	650 N
Start Time	8,4 m/dk	12 m/dk
Working Time	Suitable for intensive use	Suitable for intensive use
Limit Switch	Encoder, electronic	Encoder, electronic
Maximum Door Removal Area	9 squaremeters	12 squaremeters
Working Temperature	-20 +50 °C	-20 +50 °C
Traction	200 W	250 W
Ray Sets Compatible	SNA 6	SNA 11
Structure of Release	corded	corded
IP Protection Coefficient	IP 40	IP 40



SNA-6

The two-piece (3+1 m) rail kit can be used seamlessly up to 3350 mm door height. Works quietly and does not bother you thanks to belt. For SPIN 22 .



SNA-11

The one-piece (3) rail kit can be used seamlessly up to 2350 mm door height. Works quietly and does not bother you thanks to belt. For SPIN 11 .

Nice Aksesuarları



2-Channel Control Types

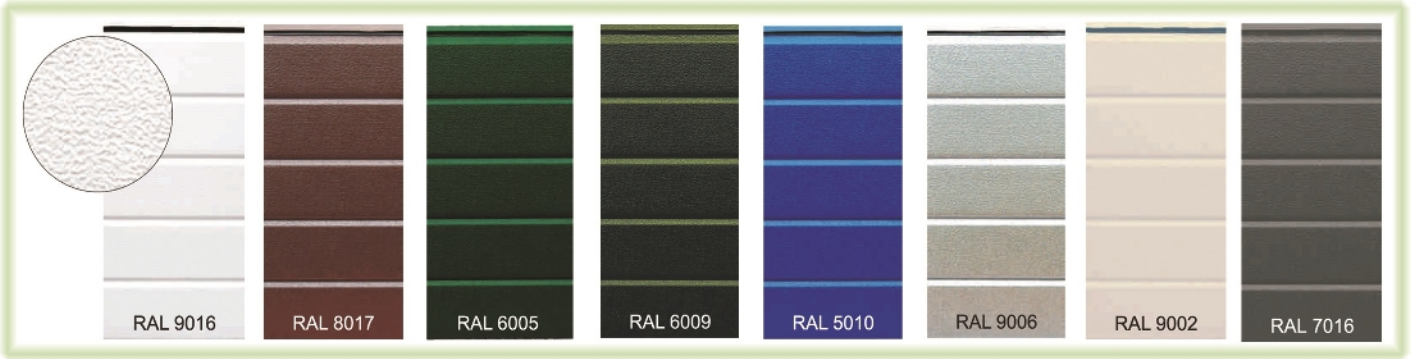


Password Control Panel



Safety photocell

Rib Panel (Surface patterned)



Rib Panel (Wood accents)



Flush Panel (Wood / Plaster patterned)



Cassette Panel (wood accents)



Midrib Panel

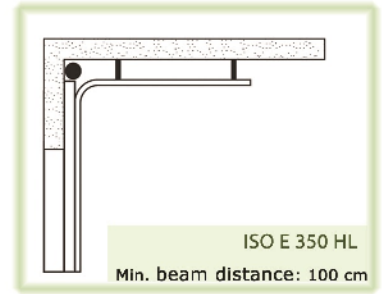
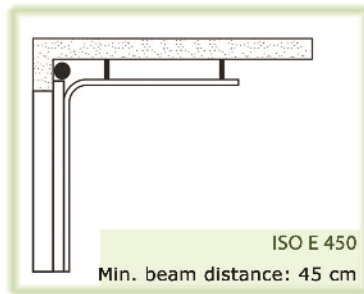
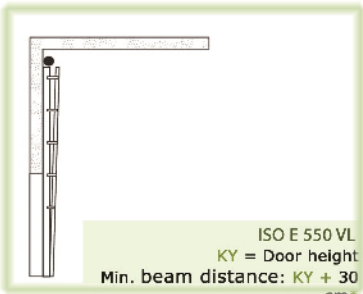
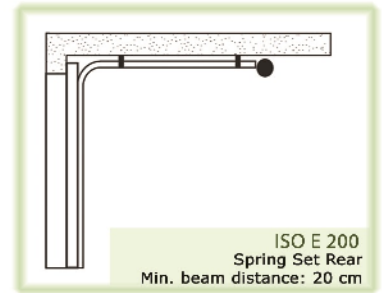
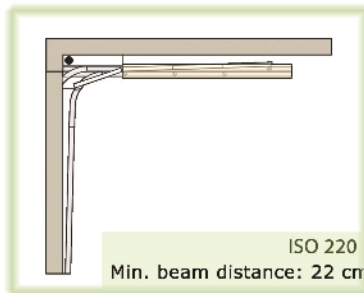
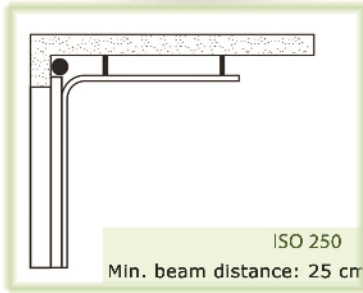


Microrib Panel



B
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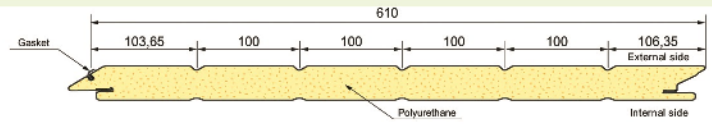
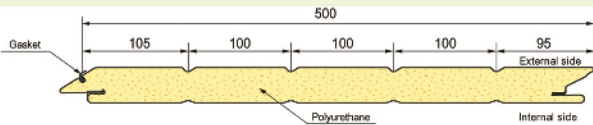
Some standard features of doors

- Spring kit, consists of two springs
- Galvanized side cover and hinges
- Horizontal ray background connection profiles
- 1.5 mm 2 "galvanized steel rail kit
- Raya interlocking side anti leak seal
- Aluminum upper anti leak seal and the panel support profile
- Aluminum bottom anti leak seal profile
- Strap connection profile

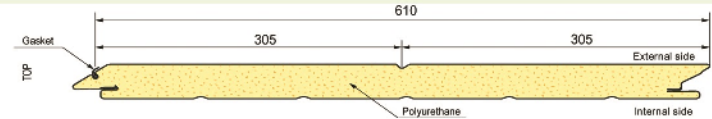
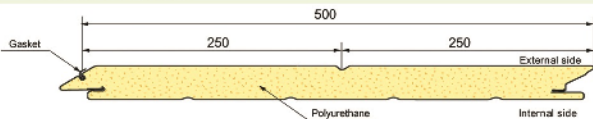
- Anti leak seal of the upper support
- Sub-anti leak seal
- Galvanized spring teams
- Horizontal rails straight piece of hanger L +
- Empty pipe shafts with a keyway
- Empty pipe shafts without a keyway
- Special cardboard packaging for door panels
- Back-connecting C-profile
- Rope breaking safety system

- Spring bumpers
- Door Handles
- Between 5000-7000 mm wide panels for Omega is 65mm the panel support
- Omega panel support profile for than 7000 mm width 110 mm panels
- For 4000-5500 mm for aluminum panels include support profiles.
- Panels with density 50 kg / m².

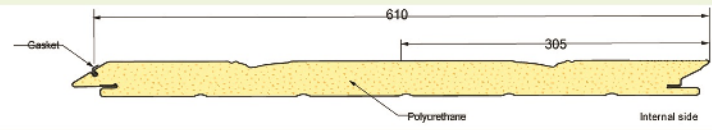
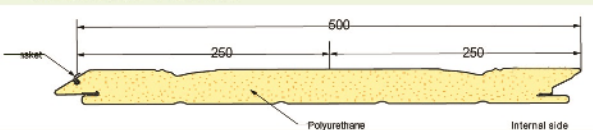
Rib Panel



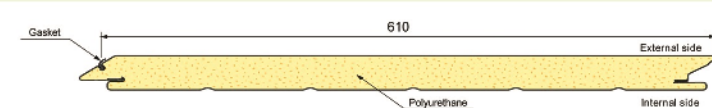
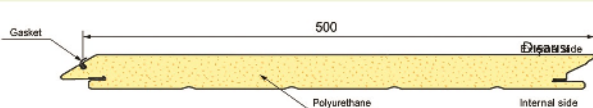
Midrib Panel



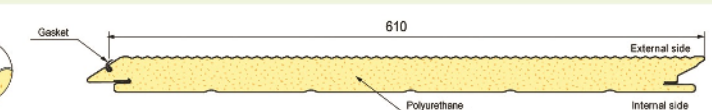
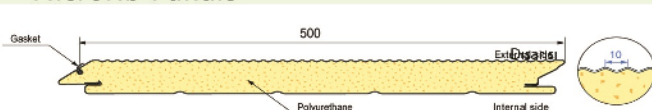
Cassette Panels



Flush Panels



Microrib Panels



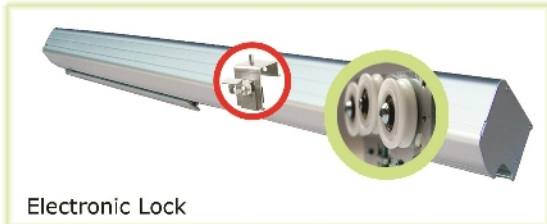


Specifications;

- TOPP branding mechanisms, there are emergency response mode thanks to battery.
- In models of winged gives as an optional electronic lock for interventions.
- When the door closing if it encounters any objects the doors will return back and again closes slowly.
- TOPP branding mechanisms, according to your request radar, electronic card reader, fingerprint reader, open system with buton and password control panel mounted on a mechanism is provided a high level of comfort.
- On TOPP branding mechanisms, the anti-panic function are made for your in order to avoid any damage. For emergency situation, When you hit the door wings immediately the door opens and allows you to leave out easily.
- Our mechanisms you can use it in summer and winter smoothly.



- 1 Motor
- 2 Battery
- 3 The control board
- 4 Transformer
- 5 Electrical filtering



Electronic Lock

Preventing the opening of doors by hand provides the maximum security.



Safety photocell

That may occur between the blades prevents jams.



Digital Control Switch

Position switches are used for opening doors and radar status of active and passive states to set.

Radar functions;

Internal radar active-passive,
External radar active-passive.

Wing functions;

Half opening,
Remain fully open,
Remain fully closed,
Automatic opening,
Automatic shut-off.



Long Radar



Ellipse Radar

When the radars see any object approaching provides door to be opened by the trigger.
Ellipse radar sensor distance to the trigger can be adjusted with play up and down.



Manual Cont. Switch

If you wish, you can control your door with the digital or manual devices

K140 Topp automation features;

Working Frequency: Suitable for frequent use.

Maximum blade capacity: A wing up to 140 kg - 500 2800 mm
Maximum of two wings each 80 kg - 500 up to 1400 mm.

The maximum thrust force: 150N .

Opening / closing speed: can be set to 15-55 cm / sec .

Deceleration / speed of approach: 1 - 10 cm/sn

Deceleration / approach distance: 1 - 50 cm

Stopped off time (automatic / semi-automatic / manual): Adjustable from 0-60 seconds Gear motor / electronic card.

Converter / Battery: Chassis-mounted.

Engine: 24V DC - 45W permanent magnet and brushes is integrated .

Gear reduction unit: Reversible - Free protected.

Movement transfer format: Anti-static timing belt is made of steel.

Wing adjustments: Height adjustments can be made by vertically and horizontally.

Power supply: 230V + / - 10% 50/60 Hz 24V low voltage with transformer.

The amount of power consumption: Max.150 watt.

Working temperature range: - 20°C + 50°C.

Protection class: IP 23.

Radar: 0,60 - 4.8 m adjustable distance the radar micro-processor.



M1

Magnetic automation
for concealed sliding doors

The M1 new automation system for concealed sliding doors, is the new frontier of TOPP innovation. The door opens and closes with a precise and smooth movement driven by magnetic fields.



WS2 (Microwave Sensor)



TS8 (Remote Control)



Sensitive Sensor

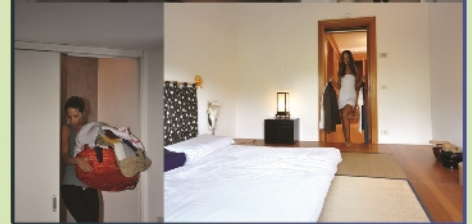
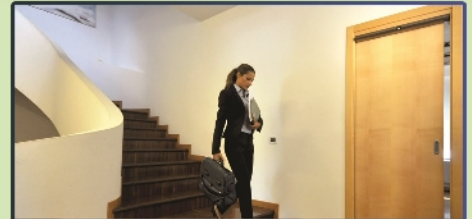


Mechanic System with Magnetic

The motion transmission by action of magnetic fields allows:

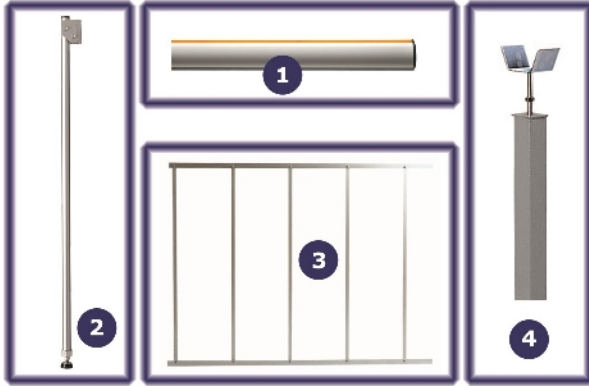
- *Easy installation.
- *Simple adaptability to existing sliding doors.
- *Minimal dimensions and appealing design.

The product, in accordance with the EN16005 standard for "Low Energy Movement", manages the door speed by a sophisticated electronic control with no need of sensors or safety photocells. It can be easily installed on the existing concealed sliding doors.



Barrier systems, vehicle entry-exit density is used to provide the vehicle transitions with the controls. Open or closed car park entrances, garden or car park entrances of factory, house, garden, apartment buildings and sites, public and crowded places such as airports and bus terminals are the most suitable systems for ensure with controlled and often the passage therethrough.

BENINCA barriers has an excellent design and operating effectiveness of its field. Protected against all weather conditions. You can check with the remote control. Thanks to fast opening and closing operations not keep waiting on the road.



EVA.5

- Opening and closing speed: 3 - 5 sn.
- Engine Power: 205 Nm.
- Suitable for intensive use with 24 Vdc
- Arm length is suitable for places between 3 and 5 m.
- Adjustable automatic shut-off system
- Release with keyed
- Turning on and off 1000 times a day
- Protection level: IP 44



- 1) 5 m EVA 5 arm
- 2) With portable arm bag
- 3) Aluminum curtain
- 4) With fixed arm bag
- 5) 4 m LADY arm



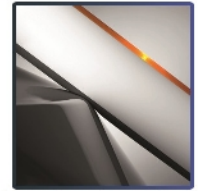
Apparatus Broken Arm



Easily accessible control panel



Built in flashing light systems



Articulated arm in line with built in rubber profile and light system



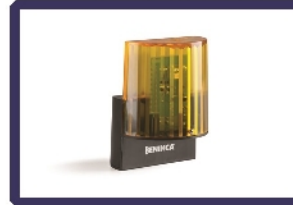
LADY

- Opening and closing speed: 3 - 5 sn.
- Engine Power: 205 Nm.
- Suitable for intensive use with 24 Vdc
- Arm length is suitable for places between 2 and 4 m.
- Adjustable automatic shut-off system
- Release with keyed
- Turning on and off 1000 times a day
- Protection level: IP 44



New control panel with all the standard features and pull-out terminals

Flashing Light



Receiver card



* 512 adet kumanda kodlanabilir

Safety photocell



2 Channel remote control



VE.SOR



Piston automation

DA.S04



Control Panel

DA.E



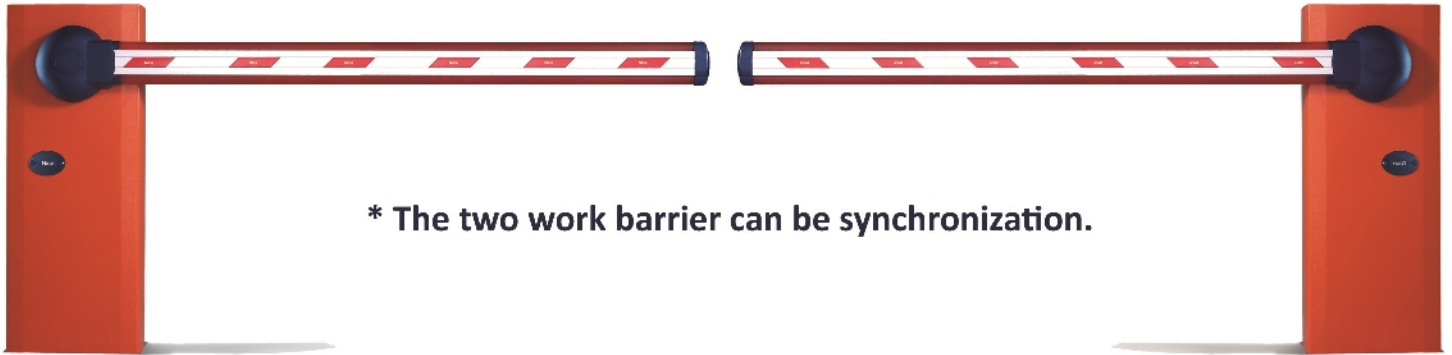
Control Card

ONE.2WI



Receiver Card

- Parking area protection 24 V • Opening speed: 9 sn • Protection level: IP 54 • Used for controlling the parking places
- Installation performed quickly and easily. • Can be used together with the 1 control panel and receiver card and 4 control card



* The two work barrier can be synchronization.

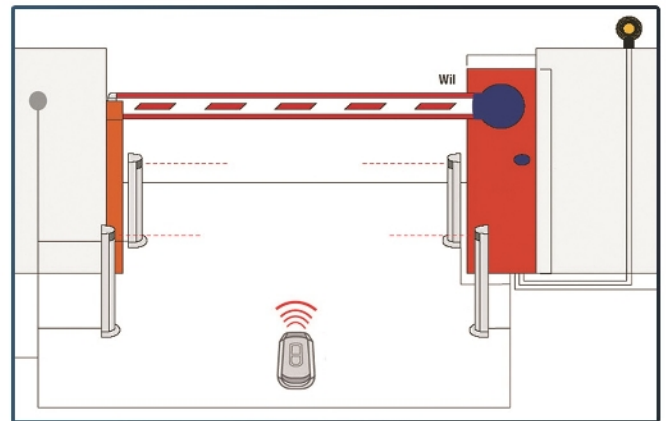
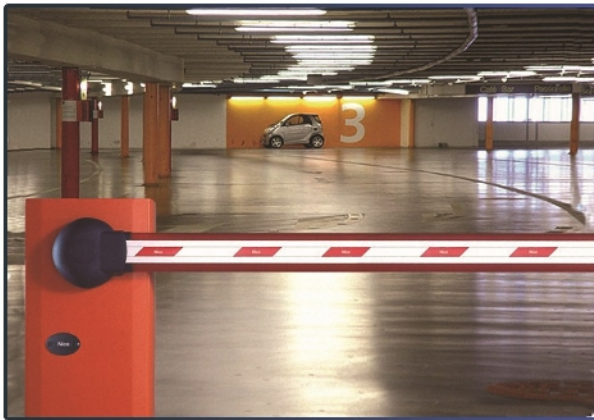
Technical specifications

WILL 4 / 5

WILL 6

Electrical Input	230 Vac	230 Vac
Maximum current	1,1 A	0,6 A
Engine Power	300 W	360 W
Opening Time	3,5 sn	5 sn
Operating temperature	-20 +50 °C	-20 +50 °C
Motor Voltage	24 Vdc	24 Vdc
Maksimum Tork	140 Nm	200 Nm
Intensive Use	Appropriate	Appropriate
Length of Arm	4 or 5 m	6 m
Arm Mounts	Suitable for right or left	Suitable for right or left
Battery Connection	Can be used as an external	Can be used as an external
IP Protection Coefficient	IP 54	IP 54

* During the opening, closing and slowdown used switches are adjustable.



Flashing light



Control Panel



Safety Photocell



2 Channel Remote Control



KBULL 5M

- 230 V AC single phase automation
- Maximum weight of door opening capacity 500 kg
- Maximum current output: 1.3 A
- Printing force: 650 N
- On - off speed: 10.5 m / min
- Easy locking system
- Receiver card can be coded to 64 .
- Protection level: IP 44



KBULL 624

- 24 V AC single phase automation
- Maximum weight of door opening capacity 600 kg
- Maximum current output: 0,5 A
- Printing force: 857 N
- On - off speed: 10 m / min
- Easy locking system
- Receiver card can be coded to 64 .
- Protection level: IP 44



Steel Rack



Slotted nylon with steel rack



* It's eyes can return the 180 creek

SAFETY PHOTOCELL



* Led product

BLINKER



* Encoded to 512 controller

RECEIVER CARD



Types of remote controler

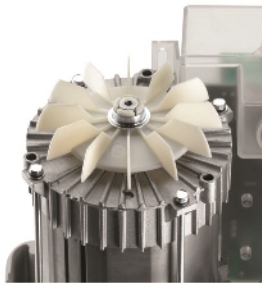


KBULL 10M

- 230 V AC single phase automation
- Maximum weight of door opening capacity 1000 kg
- Maximum current output: 1,6 A
- Printing force: 1000 N
- On - off speed: 10.5 m / min
- Easy locking system
- Receiver card can be coded to 64 .
- Protection level: IP 44

KBULL 20M

- 230 V AC single phase automation
- Maximum weight of door opening capacity 2000 kg
- Maximum current output: 2,9 A
- Printing force: 1667 N
- On - off speed: 10.5 m / min
- Easy locking system
- Receiver card can be coded to 64 .
- Protection level: IP 44



230 Vac self-propellers



Blinker



Feature of easy release



Safety Photocell



Steel Gear

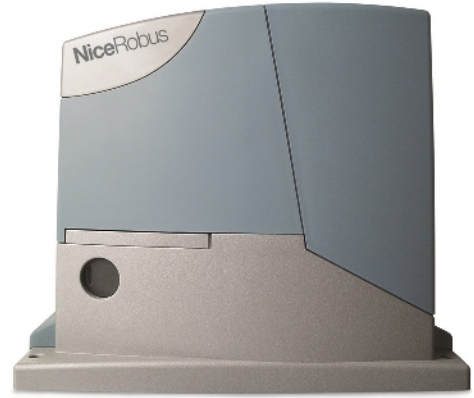


* Encoded to 512 controller

Receiver Card



Types of remote controller

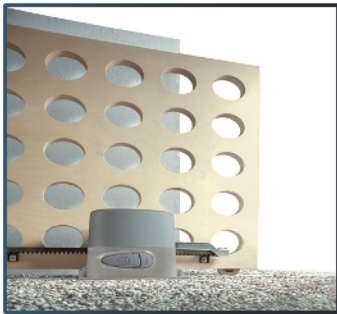


ROBO 500

- 230 Vac automation
- Maximum weight of door opening capacity 500 kg
- Maximum current output: 0.5 A
- Thrust: 410 N
- Opening - Closing speed: 9 m / min
- Control receiver on the control unit.
- Protection level: IP 44
- Operating temperature: -20 to +50 ° C
- Engine power : 300 W

ROAD 400

- 24 Vac automation
- Maximum weight of door opening capacity 400 kg
- Maximum current output: 1,1 A
- Thrust: 400 N
- Opening - Closing speed: 12 m / min
- Control receiver on the control unit.
- It has a two-stage speed
- Protection level: IP 44
- Engine power : 210 W



Lcl Roa-8

Lcl Roa-6

Types of steel and slotted nylon with steel rack



2-channel control



MOF

Safety photocell for road series automations



Blinker



2-Channel Controller



Safety Photocell

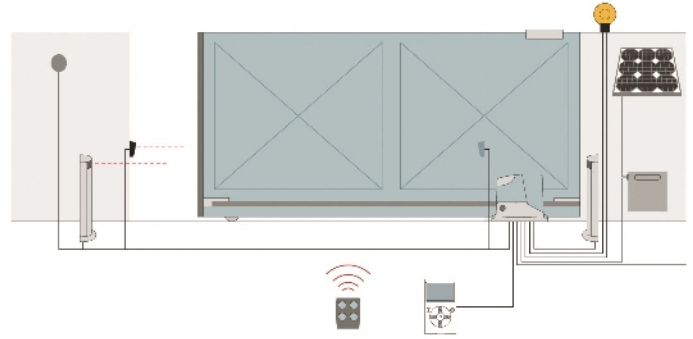
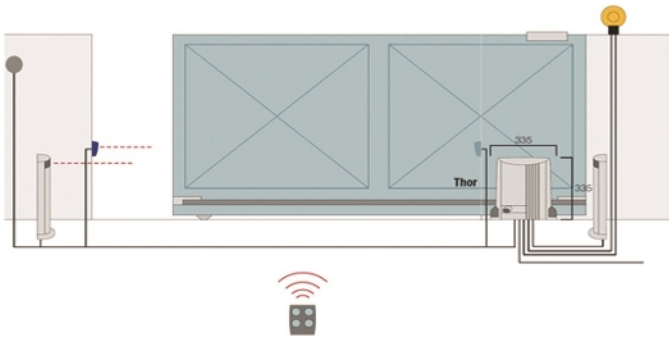


THOR 1551

- 230 Vac automation
- Max. opening capacity weight of door 1500 Kg
- Maximum current output: 3.5 A
- Thrust: 800 N
- Opening -closing speed: 10 m / min
- Control receiver on the control unit.
- Protection level: IP 44
- Operating temperature: -20 to +50 ° C
- Engine power : 650 W

ROBUS 600

- 24 Vac automation
- Max. opening capacity weight of door 600 Kg
- Maximum current output: 2,5 A
- Thrust: 600 N
- Openin - closing speed: 18 m / min
- Engine power : 515W
- It has 6 levels of speed
- It has Bluebus safety system
- Protection level: IP 44



Types of steel and slotted nylon with steel rack



2-channel remote control



Safety photocell for Robus automations



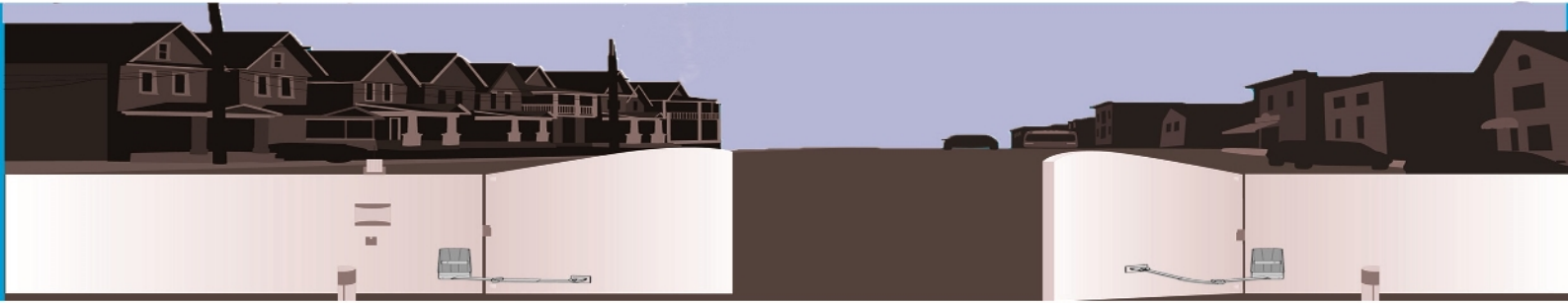
Blinker



Blinker



Safety Photocell



MBE 24

- Works with 230 V AC
- Suitable 2.5-meter-long wings.
- Control panel or control without integrated panel has happened.
- 24 V DC motor has the power.
- 200 Nm of engine power.
- Opening - closing speed 10 seconds.
- It has built-in control unit.



MB 24

- Works with 230 V AC
- Suitable 2.5-meter-long wings.
- Control panel or control without integrated panel has happened.
- 24 V DC motor has the power.
- 200 Nm of engine power.
- Opening - closing speed 10 seconds.
- Motors are not included in the arms

Control Card



HEADY

Door Lock



DU.V90

BENINCA[®]
TECHNOLOGY TO OPEN

Door Lock



DU.V96

Control Card



BRAINY 24



BOB21M

- Suitable. 2.10-meter-long wings
- Durable mechanical parts.
- It has the power to 230 V AC motor.
- 1800 Nm of engine power.
- Opening - closing speed is 9 seconds.
- Safe and durable self-locking electromechanical motor.



Mechanics made of metal

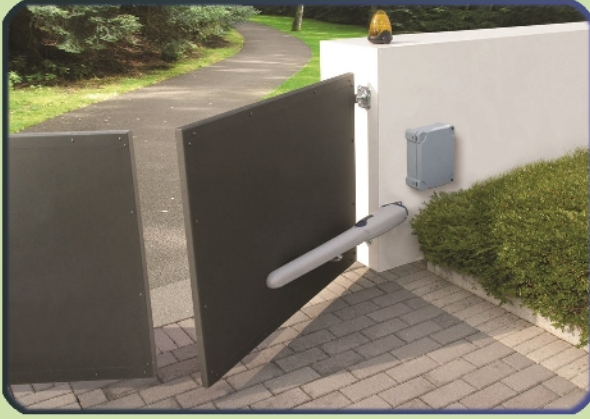


Easy and fast installation thanks to conical shape and the reduced size



Unlock device operating from the top, very fast and easy to use





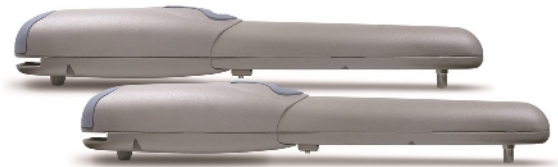
Wingo 2024 Automation



Wingo 3524 Automation



Nice



Specifications;

- 2 motor, the control unit , Fk photocell, Lucy, 24 v. lamp, SMXII Remote Control receiver
- There are 2pcs Flo2R the control.
- Single-wing width is used on doors up to 2 mt.
- There are 200 kg carrying capacity.
- Width of the wing with decreasing carrying capacity increases.
- There are limit switches in the direction of opening.
- Required stop in the direction of closing.
- Reffluent power 3,5 A-85 w
- Max. Speed : 0,018 m/s
- Max. Impulse Power: 15 N
- Working Temperature: -20°C ~ 50°C
- Protection Class:IP 44
- Motor Power Supply: 24 v
- System Power Supply:230V AC - 50 Hz

Specifications;

- 2 motor, the control unit , Fk photocell, Lucy, 24 v. lamp, SMXII Remote Control receiver
- There are 2pcs Flo2R the control.
- Single-wing width is used on doors up to 3,5 mt.
- There are 200 kg carrying capacity.
- Width of the wing with decreasing carrying capacity increases.
- There are limit switches in the direction of opening.
- Required stop in the direction of closing.
- Reffluent power 3,5 A-85 w
- Max. Speed : 0,016 m/s
- Max. Impulse Power: 17 N
- Working Temperature: -20°C ~ 50°C
- Protection Class:IP 44
- Motor Power Supply: 24 v
- System Power Supply:230V AC - 50 Hz



Blinker



Remote Control



Control Card



Safety Photocell



**Bilka Otomatik Kapi Sistemleri
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