



GATE AUTOMATION

Swinging and sliding gate automation systems



Be ahead

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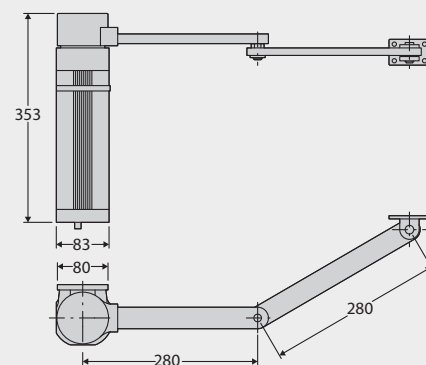
Be ahead



E5

Electromechanical automation for swing gates

Extremely compact electromechanical operator with articulated arm. Suitable for residential use; capable of automating swing gate leaves up to 1.8 metres wide and weighing up to 200 kg. This motor is non-locking.



SPECIFICATIONS

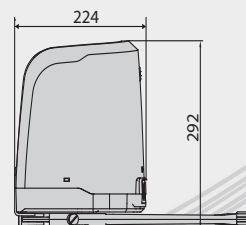
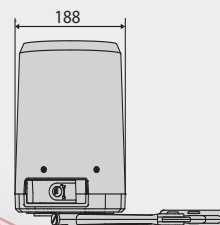
	E5
Power supply	230v
Gate leaf length	1.8m
Max Leaf	200kg
Control panel	RIGEL 6
Cycle time	22 sec
Impact reaction	mechanical clutch
Frequency of use	semi-intensive
Lock required	yes



VIRGO SMART BT A20

Electromechanical automation for swing gates

Electromechanical operator with articulated arm for residential use, for swing gates up to 2 metres per leaf and 200kg per leaf. Control panel, limit switches and mechanical stops incorporated in the operator. Ideal for any installation requirements, makes it easy to solve problems linked to large pillars. Installation is possible on pillars up to 235mm deep or with limited lateral space, using the articulated arm and sliding arm. Exclusive U-Link, U-Control App and U-Base software protocol.



SPECIFICATIONS

VIRGO SMART BT A20

Power supply	24v
Gate leaf length	2m
Max leaf	200kg
Control panel	THALIA
Maximum angle	120°
Cycle time	14 secs
Impact reaction	Electronic torque limiter
Frequency of use	Semi intensive



IGEA

Electromechanical automation for swing gates

Range of electromechanical operators with articulated arm for residential use, for swing gate leaves of up to 2.5 metres and 250 kg. Ideal for installation on large-size pillars thanks to its articulated levers that allow opening up to 125°.



ee link



24 V



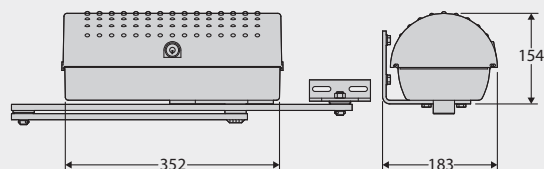
er ready



d-track



U-Link



SPECIFICATIONS

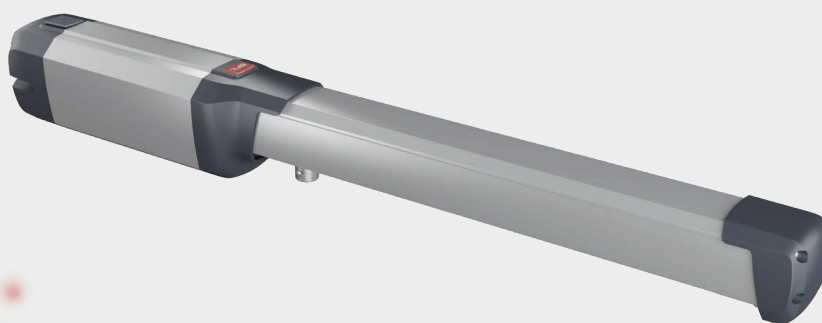
	IGEA BT	IGEA
Power supply	24v	230v
Gate leaf length	2 m/ 2.5m	2 m/ 2.5m
Max Leaf	250kg/ 200kg	250 kg/ 200 kg
Control panel	THALIA L	RIGEL6
Cycle time	15 sec	15 sec
Impact reaction	d-track	electric clutch
Frequency of use	intensive	intensive



PHOBOS

Electromechanical automation for swing gates

Complete range of electromechanical worm-drives for residential use, suitable for swing gate leaves up to 5 metres wide and weighing up to 500 kg. Quick to install, its motor allows high speed opening and closing with silent operation. The motor is irreversible; the manual operation for opening is simple with a triangular key locking system.



ee link



rolling code



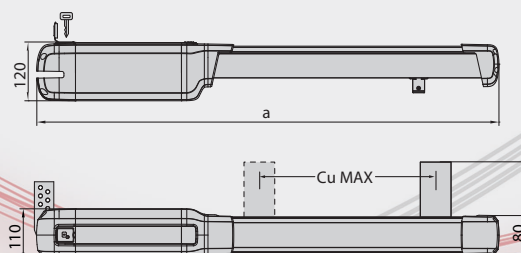
24 V



er ready



d-track



	a	b	Cu MAX
Phobos BT A25 - Phobos AC A25	850	72,5	290
Phobos BT A40 - Phobos AC A40	960	108	400

SPECIFICATIONS

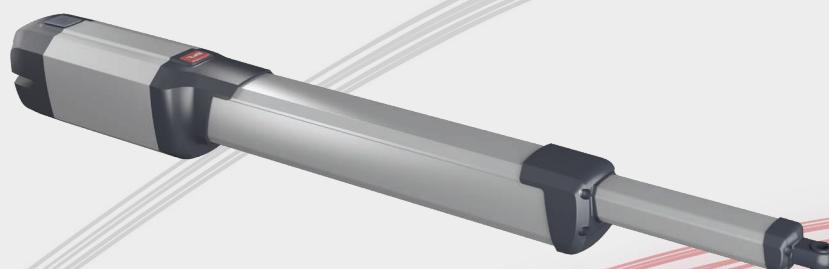
	PHOBOS AC A25	PHOBOS AC A50	PHOBOS BT A25	PHOBOS BT A40
Power supply	230v	230v	24v	24v
Gate leaf length	1.8m (self locking) 2.5m (electric lock)	3m (self locking) 5m (electric lock)	2m (self locking) 2.5m (electric lock)	3m (self locking) 4m (electric lock)
Max Leaf	400kg	500kg	400kg	500kg
Control panel	RIGEL6	RIGEL6	THALIA L	THALIA L
Cycle time	14 sec	18 sec	15 sec	20 sec
Impact reaction	electric clutch	electric clutch	d-track	d-track
Frequency of use	semi-intensive	semi-intensive	intensive	intensive



KUSTOS ULTRA BT A

Electromechanical automation for swing gates

Electromechanical worm-drive for residential and apartment building use, suitable for swing gate leaves up to 4 metres wide and weighing up to 500 kg. Quick and practical installation: the new Kustos Ultra BT A operator is designed to allow quick and easy installation, thanks to a number of important measures such as the covered worm-drive, integrated stops, magnetic limit switches and the magnetic locking pin.



ee link



rolling code



24 V



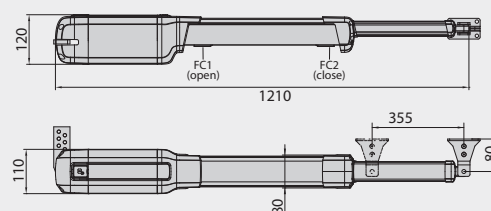
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d-track



U-Link



SPECIFICATIONS

Power supply
Gate leaf length

Max Leaf
Control panel
Cycle time
Impact reaction
Frequency of use

KUSTOS ULTRA BT A40

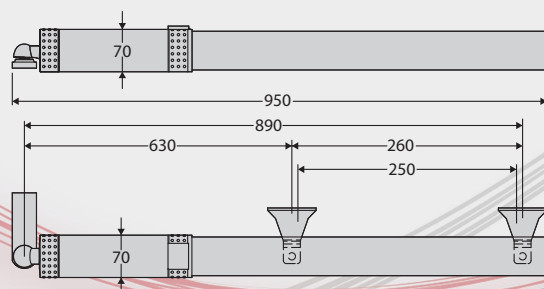
24v
3m self locking
4m (electric lock)
500kg
THALIA L
17 sec
d-track
intensive



ORO

Hydraulic automation for swing gates

Extremely compact and sturdy hydraulic operator suitable for residential and small apartment block use. Capable of automating swing gate leaves up to 1.8 metres wide and weighing up to 200 kg, locking in closed position only. Maximum precision in force control provided by bypass valves.



SPECIFICATIONS

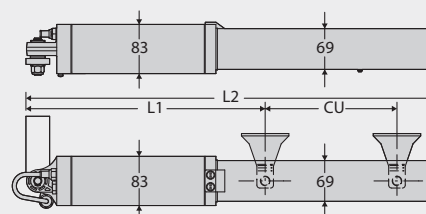
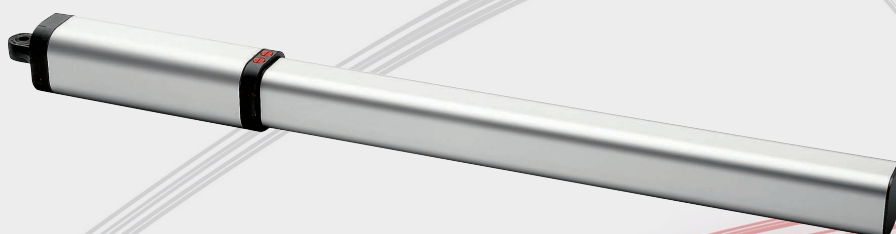
	ORO
Power supply	230v
Gate leaf length	1.8m
Max Leaf	180kg
Control panel	RIGEL 6
Cycle time	20 sec
Impact reaction	hydraulic clutch
Frequency of use	semi-intensive



LUX

Hydraulic automation for swing gates

Complete range of 230v hydraulic pistons for very intensive use, suitable for any type of residential, industrial or multi-residence application. Compact and sturdy, capable of automating swing gate leaves up to 3.5 metres wide. Available in both locking and non-locking versions, with maximum precision in torque control provided by bypass valves.



	L1	CU	L2
LUX 2B	715	270	1025
LUX FC 2B	850	280	1320
LUX R 2B	710	250	1050
LUX G	850	390	1300

SPECIFICATIONS

	LUX 2B	LUX FC 2B	LUX R 2B	LUX GVS*	LUX GV 2B
Power supply	230v	230v	230v	230v	230v
Gate leaf length	2m	2m	2m	3.5m	3.5m
Max leaf	300 kg	300kg	300kg	300kg	300kg
Control panel	RIGEL6	RIGEL6	RIGEL6	RIGEL6	RIGEL6
Cycle time	17 sec	17 sec	16 sec + slowdown	28 sec	28 sec
Impact reaction			hydraulic clutch		
Frequency of use			very intensive		

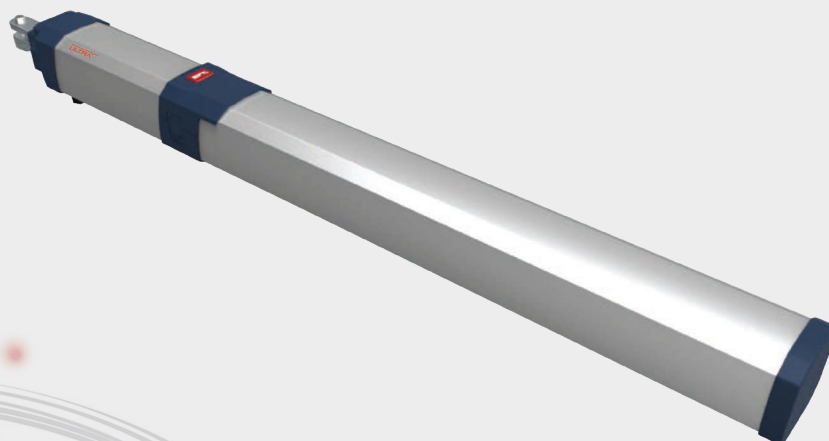
* Same model available with slowdown in the closing phase only, LUX GV R. Both the Lux GVS and Lux GVR require some form of electric lock.



GIUNO ULTRA BT A

Hydraulic automation for swing gates

Complete range of 24v hydraulic operators for very intensive use, suitable for any type of residential, industrial or multi-residence application. Compact and sturdy, capable of automating swing gate leaves up to 5 metres wide and weighing up to 800 kg. Anti-crushing safety provided by the exclusive D-Track system.



ee link



24 V



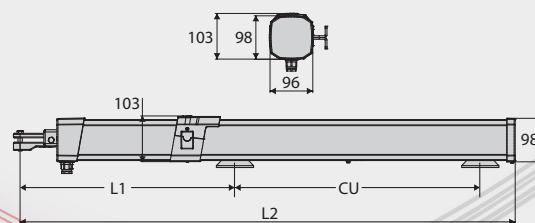
er ready



d-track



U-Link



	L1	CU	L2
GIUNO BT A20	715	270	1116
GIUNO BT A50	932	392	1381

SPECIFICATIONS

	GIUNO ULTRA BT A20	GIUNO ULTRA BT A50
Power supply	24v	24v
Gate leaf length	2m	2m/ 5m*
Max leaf	300kg	800kg/ 300kg*
Control panel	THALIA P	THALIA P
Cycle time	14 sec	20 sec
Impact reaction	d-track	d-track
Frequency of use	very intensive	very intensive

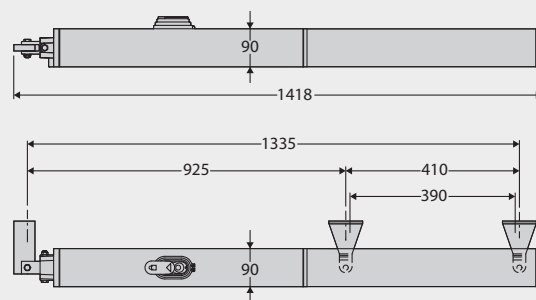
*Although the Giuno Ultra BT A50 supports a maximum leaf length of 5m and maximum gate weight of 800kgs, please be aware that at 800kg, the maximum leaf length is 2m. On a 5m gate leaf, the maximum gate weight is 300kgs. Please refer to the instruction manual for more information.



P4.5/ P7

Hydraulic automation for swing gates

Extremely sturdy and reliable hydraulic operators for industrial and commercial use. They can automate swing gate leaves up to 7m wide and weighing up to 500kg. Smooth, silent gate movements are controlled by the extremely high-performance hydraulic system and the closing slowdown. Maximum precision in traction and thrust force control is provided by the bypass valve system.



SPECIFICATIONS

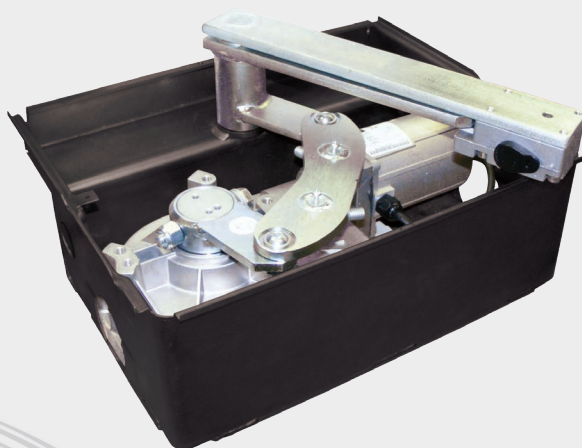
	P4.5	P7
Power supply	230v	230v
Gate leaf length	4.5m	7m
Max Leaf	500kg	500kg
Control panel	RIGEL6	RIGEL6
Cycle time	28 sec + slowdown	42 sec + slowdown
Impact reaction	hydraulic clutch	hydraulic clutch
Frequency of use	very intensive	very intensive
Lock required	yes	yes



ELI 250

Electromechanical automation for swing gates

We offer a complete range of self locking underground electromechanical motors for residential and small apartment usage. Between them these motors are suitable for a maximum gate leaf length of 3.5m and separately, a maximum gate leaf weight of 400kg. All three motors come complete with both the open and closed mechanical gate stops built into the foundation housing which means physical ground stops do not need to be fitted. The standard ELI 250 can also provide 180° operation by means of a chain kit. Obstacle detection, also known as stop & reverse, is available on all 3 motors.



ee link



24 V



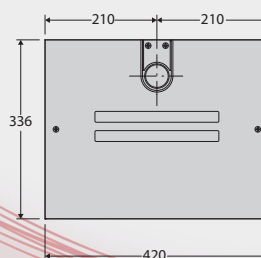
er ready



d-track



U-Link



SPECIFICATIONS

	ELI 250 V	ELI 250	ELI 250 BT
Power supply	230v	230v	24v
Gate leaf length	2m	2.5m/ 3.5m	2.5m/ 3.5m
Max Leaf	150kg	300kg/ 250kg	400kg/ 250kg
Control panel	RIGEL6	RIGEL6	THALIA L
Cycle time	14 sec	28 sec	15 sec
Impact reaction	electric clutch	electric clutch	d-track
Frequency of use	intensive	intensive	intensive



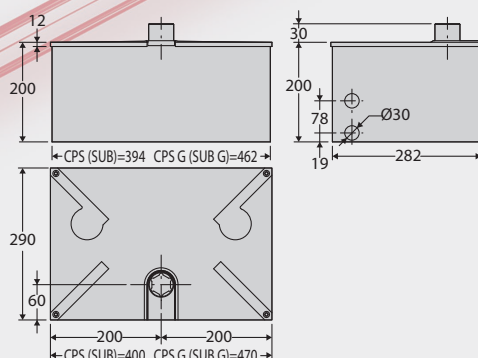
SUB

Hydraulic automation for swing gates

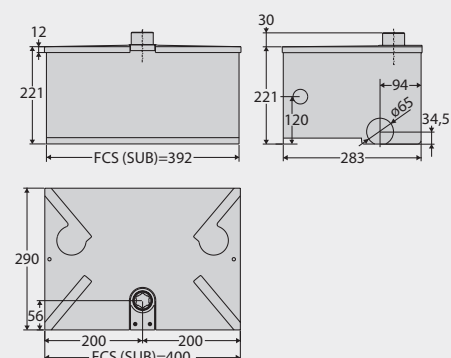
Complete range of 230v voltage underground hydraulic operators for very intensive use, suitable for any type of residential, industrial or multi-residence application. Compact and sturdy, capable of automating swing gate leaves up to 3.5 metres wide and weighing up to 800 kg. Available in locking and non-locking versions, with or without slowdown during opening and closing and with opening angles up to 180°.



180° foundation box



Standard foundation box



SPECIFICATIONS

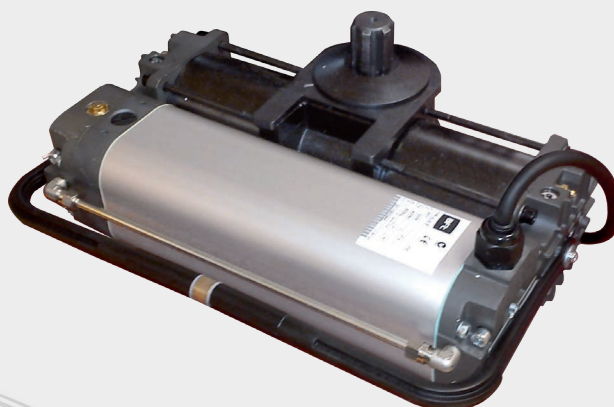
	SUB R	SUB	SUB ER	SUB EL	SUB E	SUB G/ SUB GR
Power supply	230v	230v	230v	230v	230v	230v
Gate leaf length	1.8m	1.8m	2.5m	3.5m	2.5m	1.8m/ 2m
Max Leaf	800kg	800kg	800kg	800kg	800kg	800kg
Control panel				RIGEL 6		
Cycle time (through 90°)	14 sec +slowdown	24 sec	14 sec +slowdown	33 sec	24 sec	33 sec/ 15 sec
Impact reaction				hydraulic clutch		
Frequency of use				very intensive		
Lock required			electric lock required	electric lock required	electric lock required	



SUB BT

Hydraulic automation for swing gates

Range of 24v hydraulic operators for very intensive use, suitable for any type of residential, industrial or multi-residence application. Compact and sturdy, they can automate swing gate leaves up to 2.5m wide and weighing up to 800kg. Fitted with mechanical stops and virtual encoder, providing maximum anti-crushing safety with the electronic slowdown and D-Track system



ee link



24 V



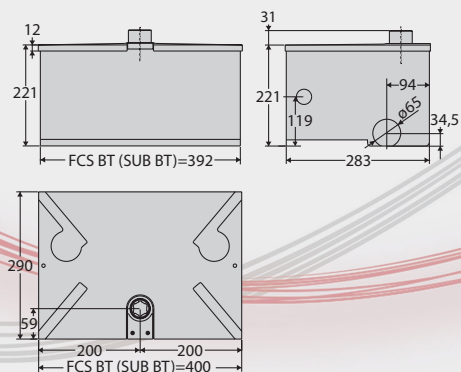
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d-track



U-Link



SPECIFICATIONS

Power supply
Gate leaf length

Max Leaf
Control panel
Cycle time
Impact reaction
Frequency of use

SUB BT

24v
2m (self-locking)
2.5m (electric lock required)
800kg
THALIA P
9° per sec
d-track
very intensive



DEIMOS BT A

Sliding gate automation systems

Operator for sliding gates weighing up to 600 kg. Maximum leaf speed up to 12 m/min. Newly designed magnetic limit switch for quicker installation; precise and suitable for residential use. Control board with U-Link protocol embedded.



ee link



24 V



er ready



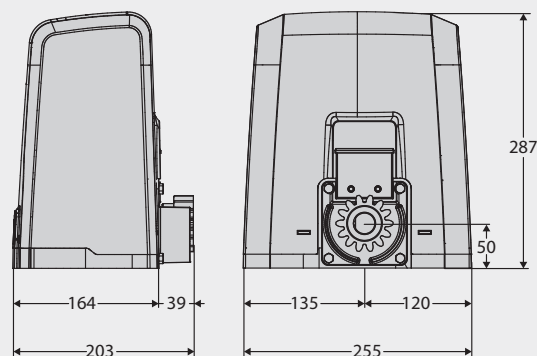
d-track



U-Link



Silentech



SPECIFICATIONS

	DEIMOS BT A400	DEIMOS ULTRA BT A600
Power supply	24v	24v
Max leaf	400kg	600kg
Control panel	HAMAL SL1	MERAK SL2
Gate speed	9 m/min	12 m/min
Impact reaction	d-track	d-track
Frequency of use	intensive	intensive



ARES ULTRA BT A

Sliding gate automation systems

24 V sliding gates operator for intensive use, up to 1500 Kg in weight. Leaf speed up to 9 m/min. Magnetic limit switch and control board with U-link protocol embedded



ee link



24 V



er ready



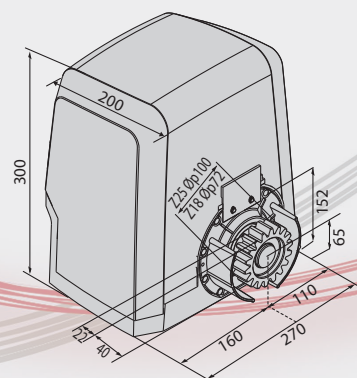
d-track



U-Link



Silentech



SPECIFICATIONS

	ARES ULTRA BT A1000	ARES ULTRA BT A1500
Power supply	24v	24v
Max Leaf	1000kg	1500kg
Control panel	MERAK-ARES	MERAK-ARES
Gate speed	9 m/min	9 m/min
Impact reaction	d-track	d-track
Frequency of use	intensive	intensive



ICARO

Sliding gate automation systems

230V sliding gate operators for very intensive use, extremely sturdy and high-performance thanks to oil bath transmission. Control of torque via D-track technology and absolute encoder for maximum precision of movement. Control unit arranged for communication with U-link protocol and with tamper-proof function. The control unit ensures safety with the exclusive torque control system.



ee link



er ready



d-track



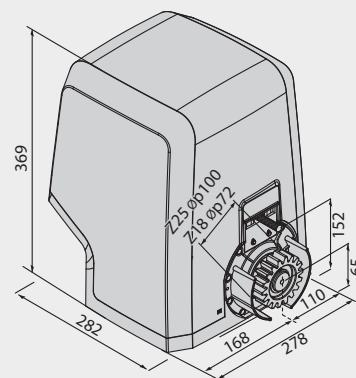
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U-Link



Encoder



SPECIFICATIONS

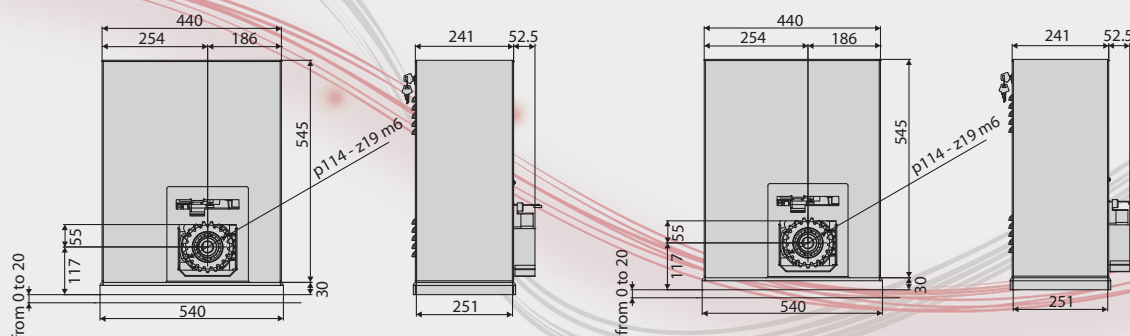
	ICARO SMART AC A	ICARO ULTRA AC A
Power supply	230v	230v
Max Leaf	2000kg	2000kg
Control panel	Leo B CBB	Leo B CBB
Gate speed	9 m/min	9 m/min
Impact reaction	d-track	d-track
Frequency of use	very intensive	very intensive
Type of limit switch	electromechanical spring switch	magnetic



OBERON & SP3500

Sliding gate automation systems

Powerful, sturdy 230V or 400V three-phase operators, specially designed for large-size, heavy gates. The heavy structure of the gear motor, the painted galvanised steel casing and the on-board control unit make it the ideal solution for all industrial situations where reliability and power are essential.



SPECIFICATIONS

	OBERON	SP3500
Power supply	230v inverted up to 400v	400v 3-phase
Max Leaf	2000kg	3500kg
Control panel	SIRIO C BA	SIRIO CBB 400
Gate speed	opening 39 m/min max (adjustable) closing 25 m/min max (adjustable)	10.5 m/min
Impact reaction	electromechanical brake and clutch	mechanical clutch
Frequency of use	very intensive	very intensive



RIGEL 6

Universal control panel with LCD display for swing operators



ee link



er ready



U-Link



Universal control board with display for one or two swing gate leafs, 230V - 650+650W. Main features: removable terminal blocks, programming and diagnostics with display, built-in four-channel receiver, electro lock, electronic torque limiter, electronic deceleration at opening and closing, a separate limit switch inputs for each motor, traffic light management, preheating hydraulic operators, weekly timer, possibility to delete a specific remote control, customisation of the 4 radio channels, personalisation of the duration of the delayed output, adjustable sensitivity to the obstacle.



THALIA L/ THALIA P

Universal control panels with LCD display for swing operators



U-Link



d-track



24 V



Control panel for one or two 24v operators for swing gates. The main features include removable terminal blocks with new standard colour-coding, simplified scenario based programming with display and incorporated dual channel receiver, D-Track anti-crushing system, slowdown during opening and closing and electronic self learning.

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.



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