



## GENERAL CATALOGUE 2016





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# LEGENDA



**RESIDENTIAL USE**  
UP TO 100 OPENINGS PER DAY



**INTENSIVE USE**  
UP TO 500 OPENINGS PER DAY



**INDUSTRIAL USE**  
OVER 500 OPENINGS PER DAY



**COMMERCIAL USE**  
UP TO 10 OPENINGS PER DAY



**HYDRAULIC OR OIL  
BATH TECHNOLOGY**



**PERIMETER SECURITY**



**WIRELESS  
TECHNOLOGY**



**SAFETY DEVICES**



# WHO WE ARE

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## OUR MISSION

We are an Italian new, young and smart player in Home Automation field with the aim to give to market *premium quality products* at incredible prices. Our commitment is to create and promote a new well reputed brand name in European and Worldwide markets, with the goal to build a strong brand awareness.

We continuously project, develop, test and select our products in order to give our customers the best products at unbeatable price! Our *Vision* is to create a *value added* international brand with an *unbeatable ratio quality/price*.

UNBEATABLE RATIO QUALITY PRICE IS OUR CREDO.

## HISTORY

All the management team and partners of Oxygen derives from several years of international experience in Home and Building Automation. Commercial, Marketing, Project and Customer Services Skills are inside Oxygen Team.

Today, we are located in Bologna (Italy), the "cradle" of automation, where home and overall hydraulic automation has been born 50 years ago. We have day-by-day cooperation with supplier, partners, project, R&D and engineering dept, in order to give customers strong and innovative products, according the most update GMP issues. Our products are projected and developed according the last EU and International Standards, like EN 12453, EN 12445 and as well as EN 12978, regarding the securization of the installation.

## MADE IN ITALY

All our products even accessories are 100% projected and made in Italy and all of them come with **C E** mark on their labels and boxes.

We personally follow day-by-day all the production and selection process of the products and we constantly test our products in our premises with the aim to have them with *zero defects and zero returns*. Also another activity, that we constantly do, is to create and select products "*easy to install*" and "*ready to install*" so installers and even end-users could install our products easily saving time and money.

## WARRANTY

All our products are guaranteed, minimum warranty we grant to our customers is (2) years, but the majority of products has (3) years, on certain premium products we are proud to grant our customers up to (5) years of warranty. Despite this, we guarantee our customers the supplying of spares parts and technical assistance in order to optimize the process of installation and to appreciate our products in their long-life cycle.

## TEAM

*Commitment, Integrity, Respect, Initiative.*

This is our team credo, our pillars and principals, that we believe in...

Our Team is YOUNG, SMART and ENTHUSIAST and, of course, PASSIONATE for HOME AUTOMATION. We are a zero-hierarchy company, we would like to cooperate with customers, that we called partners, to share common passion for automation.

[www.oxygenautomation.com](http://www.oxygenautomation.com)



CHOOSE OXYGEN AUTOMATION PRODUCTS...  
**FUTURE YOUR PAST!**



A large, stylized blue circular logo is centered on the page. Inside the circle is a dark blue, abstract shape that resembles a bird in flight or a stylized 'S'. The background is a dark blue gradient with a subtle pattern of small white dots and faint, larger blue circles. The text "SWING GATES" is written in a bold, white, sans-serif font across the middle of the logo.

# SWING GATES





# SWING GATES

## Range of Products

### External Motors

PRODUCT	TYPE	RESIDENTIAL USE	INTENSIVE USE
	<b>SARGON 24V</b>	250Kg / 550Lb	X
	<b>SARGON 230V</b>	(S) 3mt / 9,8ft (M) 4mt / 13,1ft (L) 5mt / 16,3ft	
	<b>ARACHNE 24V</b>	200Kg / 440Lb 2mt / 6,5ft	X
	<b>ARACHNE 230V</b>	300Kg / 660Lb 2,5mt / 8,2ft	
	<b>PARIS 230V</b> *HYDRAULIC TECHNOLOGY	3mt / 9,8ft	
	<b>HECTOR 230V</b> *HYDRAULIC TECHNOLOGY	4mt / 13,1ft	
	<b>HECTOR ADV 230V</b> *HYDRAULIC TECHNOLOGY	7mt / 23ft	







# SWING GATES

## Range of Products

### Underground Motors

PRODUCT	TYPE	RESIDENTIAL USE	INTENSIVE USE
	<b>HADES 24V</b>	400Kg / 880Lb 2,5mt / 8,2ft	X
	<b>HADES 230V</b>		
	<b>CHARON 24V</b> *HYDRAULIC TECHNOLOGY	800Kg / 1750Lb 4mt / 13,1ft	
	<b>CHARON 230V</b> *HYDRAULIC TECHNOLOGY		
	<b>ACHERON 230V</b> *HYDRAULIC TECHNOLOGY	1200Kg / 2600Lb 5mt / 16,3ft	





# SARGON 230V & 24V

## Swing Gates

Electromechanical motor 230V or 24V

Max. length **3mt (S) / 4mt (M) / 5mt (L)** and max. weight **250Kg**



Special Motors 110V or 12V on request



Over 2mt length electric lock is needed

**100% ALUMINIUM AND METAL COMPONENTS**

CODE	PRODUCT
GAT1.2001L	Sargon S 230V Left
GAT1.2001R	Sargon S 230V Right
GAT1.2002L	Sargon M 230V Left
GAT1.2002R	Sargon M 230V Right
GAT1.2003L	Sargon L 230V Left
GAT1.2003R	Sargon L 230V Right
GAT1.2011L	Sargon S 24V Left
GAT1.2011R	Sargon S 24V Right
GAT1.2012L	Sargon M 24V Left
GAT1.2012R	Sargon M 24V Right
GAT1.2013L	Sargon L 24V Left
GAT1.2013R	Sargon L 24V Right
GAT1.2101	Mini Kit Sargon S 230V
GAT1.2201	Full Kit Sargon S 230V
GAT1.2102	Mini Kit Sargon M 230V
GAT1.2202	Full Kit Sargon M 230V
GAT1.2103	Mini Kit Sargon L 230V
GAT1.2203	Full Kit Sargon L 230V
GAT1.2111	Mini Kit Sargon S 24V
GAT1.2211	Full Kit Sargon S 24V
GAT1.2112	Mini Kit Sargon M 24V
GAT1.2212	Full Kit Sargon M 24V
GAT1.2113	Mini Kit Sargon L 24V
GAT1.2213	Full Kit Sargon L 24V

TECHNICAL DETAILS		
Power supply	230Vac	24Vdc
Current	1,2A	3A
Motor Power	350W	70W
Thrust Force	2200N	1500N
Stroke	300mm(S) / 400mm(M) / 600mm(L)	
Opening Time	16sec(S) / 21sec(M) / 31sec (L)	
Product weight	7Kg	
Operating Temp.	-25°C +60°C	
Class protection	IP43	



\*Grey painting on request

## MINI KIT

## Kit Solutions

(2) Motors + Control Board + Receiver + (1) Remote Control



## FULL KIT

(2) Motors + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



## ACCESSORIES

CODE	PRODUCT
GAT9.1011	<b>CLIO 24V</b>
GAT9.1002	<b>CLIO 230V</b>
GAT9.1003	<b>ERATO 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9071	<b>SAFETY KIT</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9111	<b>COLUMN 500MM</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9041	<b>SIGNAL LIGHT 24V</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT9.9055	<b>LOOP DETECTOR</b>
GAT9.9092	<b>ELECTRIC LOCK</b>
GAT9.9091	<b>ANTENNA</b>





# ARACHNE 230V & 24V

## Swing Gates

Electromechanical motor 230V or 24V

230V: Max. length **2,5mt** and max. weight **300kg**

24V: Max. length **2mt** and max. weight **200kg**



Special Motors 12V on request



**100% ALUMINIUM AND METAL COMPONENTS**

CODE	PRODUCT
GAT1.3001	Arachne 230V
GAT1.3011	Arachne 24V
GAT1.3101	Mini Kit Arachne 230V
GAT1.3201	Full Kit Arachne 230V
GAT1.3111	Mini Kit Arachne 24V
GAT1.3211	Full Kit Arachne 24V

Over 2mt lenght electric lock is needed

TECHNICAL DETAILS		
Power supply	230Vac	24Vdc
Current	1,1A	3,3A
Motor Power	320W	70W
Thrust Force	320N	260N
Stroke	90°	
Opening Time	8sec	
Product weight	9,5Kg	
Operating Temperature	-25°C +60°C	
Class protection	IP44	

**Black painting on request**



## MINI KIT

## Kit Solutions

(2) Motors + Control Board + Receiver + (1) Remote Control



## FULL KIT

(2) Motors + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



## ACCESSORIES

CODE	TYPE
GAT9.1011	<b>CLIO 24V</b>
GAT9.1002	<b>CLIO 230V</b>
GAT9.1003	<b>ERATO 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9071	<b>SAFETY KIT</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9111	<b>COLUMN 500MM</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9041	<b>SIGNAL LIGHT 24V</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT9.9055	<b>LOOP DETECTOR</b>
GAT9.9092	<b>ELECTRIC LOCK</b>
GAT9.9091	<b>ANTENNA</b>







# PARIS 230V

Hydraulic motor 230V

Max. length **3mt**, stroke **240mm**

Swing Gates



Special Motors 110V on request  
Over 2mt lenght electric lock is needed

**100% ALUMINIUM AND  
METAL COMPONENTS**



## VERSIONS:

**WOL:** WithOut Lock

**OCL:** Opening and Closing Lock (Max length 2mt)

**OOL:** Only Opening Lock (special version on request)

**OCL:** Only Closing Lock (special version on request)

CODE	PRODUCT
GAT1.1001	Paris RB OCL
GAT1.1002	Paris SB OCL
GAT1.1003	Paris RB WOL
GAT1.1004	Paris SB WOL
GAT1.1101	Mini Kit Paris RB OCL
GAT1.1201	Full Kit Paris RB OCL
GAT1.1102	Mini Kit Paris SB OCL
GAT1.1202	Full Kit Paris SB OCL
GAT1.1103	Mini Kit Paris RB WOL
GAT1.1203	Full Kit Paris RB WOL
GAT1.1104	Mini Kit Paris SB WOL
GAT1.1204	Full Kit Paris SB WOL

TECHNICAL DETAILS	
Power supply	230Vac
Current	1A
Motor Power	250W
Thrust Force	5500N
Stroke	240mm
Opening Time	18sec
Product weight	7Kg
Operating Temperature	-20°C +70°C
Class protection	IP55

## Hydraulic motor detail



## MINI KIT

## Kit Solutions

(2) Motors + Control Board + Receiver + (1) Remote Control



## FULL KIT

(2) Motors + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



## ACCESSORIES

CODE	TYPE
GAT9.1002	<b>CLIO 230V</b>
GAT9.1003	<b>ERATO 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9071	<b>SAFETY KIT</b>
GAT1.1901	<b>MECHANICAL LIMIT SWITCH RB</b>
GAT1.1902	<b>MECHANICAL LIMIT SWITCH SB</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9111	<b>COLUMN 500MM</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT9.9055	<b>LOOP DETECTOR</b>
GAT9.9092	<b>ELECTRIC LOCK</b>
GAT9.9091	<b>ANTENNA</b>







# HECTOR 230V

Hydraulic motor 230V

Max. length **4mt**, stroke **270mm**

Swing Gates



Special Motors 110V on request



Over 2mt lenght electric lock is needed

**100% ALUMINIUM AND METAL COMPONENTS**

CODE	PRODUCT
GAT1.4001	Hector OCL
GAT1.4002	Hector WOL
GAT1.4101	Mini Kit Hector OCL
GAT1.4201	Full Kit Hector OCL
GAT1.4102	Mini Kit Hector WOL
GAT1.4202	Full Kit Hector WOL

**VERSIONS:**

**WOL:** WithOut Lock

**OCL:** Opening and Closing Lock (Max length 2mt)

**OOL:** Only Opening Lock (special version on request)

**OCL:** Only Closing Lock (special version on request)

TECHNICAL DETAILS	
Power supply	230Vac
Current	1A
Motor Power	250W
Thrust Force	6500N
Stroke	270mm
Opening Time	20sec
Product weight	9Kg
Operating Temperature	-20°C +70°C
Class protection	IP55



## MINI KIT

## Kit Solutions

(2) Motors + Control Board + Receiver + (1) Remote Control



## FULL KIT

(2) Motors + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



## ACCESSORIES

CODE	TYPE
GAT9.1002	<b>CLIO 230V</b>
GAT9.1003	<b>ERATO 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9071	<b>SAFETY KIT</b>
GAT1.4901	<b>MECHANICAL LIMIT SWITCH</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9111	<b>COLUMN 500MM</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT9.9055	<b>LOOP DETECTOR</b>
GAT9.9092	<b>ELECTRIC LOCK</b>
GAT9.9091	<b>ANTENNA</b>





# HECTOR ADV 230V

Hydraulic motor 230V

Max. length **7mt**, stroke **390mm**

Swing Gates



Special Motors 110V on request



## VERSIONS:

**WOL:** WithOut Lock

**OCL:** Opening and Closing Lock (Max length 2mt)

**OOL:** Only Opening Lock (special version on request)

**OCL:** Only Closing Lock (special version on request)

CODE	PRODUCT
GAT1.4003	Hector ADV OCL
GAT1.4004	Hector ADV WOL
GAT1.4103	Mini Kit Hector ADV OCL
GAT1.4203	Full Kit Hector ADV OCL
GAT1.4104	Mini Kit Hector ADV WOL
GAT1.4204	Full Kit Hector ADV WOL

TECHNICAL DETAILS	
Power supply	230Vac
Current	1,9A
Motor Power	350W
Thrust Force	7800N
Stroke	390mm
Opening Time	30sec
Product weight	10Kg
Operating Temperature	-20°C +70°C
Class protection	IP55

Over 2mt lenght electric lock is needed

**100% ALUMINIUM AND  
METAL COMPONENTS**



## MINI KIT

## Kit Solutions

(2) Motors + Control Board + Receiver + (1) Remote Control



## FULL KIT

(2) Motors + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



## ACCESSORIES

CODE	TYPE
GAT9.1002	<b>CLIO 230V</b>
GAT9.1003	<b>ERATO 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9071	<b>SAFETY KIT</b>
GAT1.4901	<b>MECHANICAL LIMIT SWITCH</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9111	<b>COLUMN 500MM</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT9.9055	<b>LOOP DETECTOR</b>
GAT9.9092	<b>ELECTRIC LOCK</b>
GAT9.9091	<b>ANTENNA</b>







# HADES Underground 230V & 24V Swing Gates

Electromechanical motor 230V or 24V  
Max length **2,5mt** and Max weight **400kg**



Special levers for retrofit installations on request



Over 2mt lenght electric lock is needed

**100% ALUMINIUM AND METAL COMPONENTS**

CODE	PRODUCT
GAT1.5001	Hades 230V
GAT1.5011	Hades 24V
GAT1.5101	Mini Kit Hades 230V
GAT1.5201	Full Kit Hades 230V
GAT1.5111	Mini Kit Hades 24V
GAT1.5211	Full Kit Hades 24V
GAT1.5901	Foundation Box

TECHNICAL DETAILS		
Power supply	230Vac	24Vdc
Current	1,4A	3A
Motor Power	280W	50W
Thrust Force	250Nm	
Stroke	90°	
Opening Time	16sec	
Product weight	15Kg	
Operating Temperature	-20°C +55°C	
Class protection	IP67	

## Electromechanical motor



## MINI KIT

## Kit Solutions

(2) Motors + Control Board + Receiver + (1) Remote Control + (2) Foundation Boxes



## FULL KIT

(2) Motors + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells + (2) Foundation Boxes



## ACCESSORIES

CODE	TYPE
GAT9.1011	<b>CLIO 24V</b>
GAT9.1002	<b>CLIO 230V</b>
GAT9.1003	<b>ERATO 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9071	<b>SAFETY KIT</b>
GAT1.5902	<b>MECHANICAL LIMIT SWITCHES KIT</b>
GAT1.5903	<b>180° OPENING KIT</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9111	<b>COLUMN 500MM</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9041	<b>SIGNAL LIGHT 24V</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT9.9055	<b>LOOP DETECTOR</b>
GAT9.9092	<b>ELECTRIC LOCK</b>
GAT9.9091	<b>ANTENNA</b>





# CHARON Underground 230V & 24V Swing Gates

Electromechanical motor 230V or 24V  
Max length **4mt** and Max weight **800kg**



Special Motor **Acheron** 230V  
Max length **5mt** and  
Max weight **1200kg**



## VERSIONS:

**WOL:** WithOut Lock  
**OCL:** Opening and Closing Lock  
(Max length 2mt)

CODE	PRODUCT
GAT1.6001	Charon 230V OCL
GAT1.6002	Charon 230V WOL
GAT1.6003	Charon 230V 180° OCL
GAT1.6004	Charon 230V 180° WOL
GAT1.6011	Charon 24V OCL
GAT1.6005	Acheron 230V OCL
GAT1.6006	Acheron 230V WOL
GAT1.6101	Mini Kit Charon 230V OCL
GAT1.6201	Full Kit Charon 230V OCL
GAT1.6102	Mini Kit Charon 230V WOL
GAT1.6202	Full Kit Charon 230V WOL
GAT1.6111	Mini Kit Charon 24V
GAT1.6211	Full Kit Charon 24V
GAT1.6901	Foundation Box

CODE	OTHER SOLUTIONS
GAT1.6051	Charon (Only Jack)
GAT1.6052	Charon (Only Jack 180°)
GAT1.6053	Acheron (Only Jack)
GAT1.6061	Charon (Only Pump OCL)
GAT1.6062	Charon (Only Pump WOL)

TECHNICAL DETAILS		
Power supply	230Vac	24Vdc
Current	1,2A	3A
Motor Power	220W	40W
Thrust Force	560Nm	
Stroke	100°	
Opening Time	13sec	
Product weight	14Kg	
Operating Temperature	-20°C +55°C	
Class protection	IP67	

Over 2mt lenght electric lock is needed

**100% ALUMINIUM AND  
METAL COMPONENTS**





## MINI KIT

## Kit Solutions

(2) Motors + Control Board + Receiver + (1) Remote Control + (2) Foundation Boxes



## FULL KIT

(2) Motors + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells + (2) Foundation Boxes



## ACCESSORIES

CODE	TYPE
GAT9.1011	CLIO 24V
GAT9.1002	CLIO 230V
GAT9.1003	ERATO 230V
GAT9.9002	NOAH
GAT9.9001	MOSES
GAT9.9071	SAFETY KIT
GAT1.6902	MECHANICAL LIMIT SWITCHES KIT
GAT1.6903	UNLOCK WITH KEY
GAT9.9010	PHOTOCELLS STD
GAT9.9011	PHOTOCELLS 180°
GAT9.9111	COLUMN 500MM
GAT9.9031	ALUMINUM KEY SELECTOR
GAT9.9041	SIGNAL LIGHT 24V
GAT9.9043	SIGNAL LIGHT 230V
GAT9.9055	LOOP DETECTOR
GAT9.9092	ELECTRIC LOCK
GAT9.9091	ANTENNA





A large, stylized blue circular graphic is centered on the page. Inside the circle is a dark blue, fish-like shape, possibly representing a gate or a mechanical component, with several curved lines suggesting movement or segments. The background of the entire page is a dark blue grid pattern with small, light blue dots.

# **SLIDING GATES**



# SLIDING GATES

## Range of Products

PRODUCT	TYPE	RESIDENTIAL USE	INTENSIVE USE
	<b>PERSEUS 24V</b>	400Kg / 880Lb	X
	<b>PERSEUS 230V</b>		
	<b>ARTEMIS 24V</b>	600Kg / 1320Lb	X
	<b>ARTEMIS 230V</b>		
	<b>NYX 230V</b>	800Kg / 1760Lb	X



# SLIDING GATES

## Range of Products

PRODUCT	TYPE	RESIDENTIAL USE	INTENSIVE USE
	<b>MINOS 230V</b>	1000Kg / 2200Lb	800Kg / 1760Lb
	<b>TYPHON 230V</b>	2000Kg / 4400Lb	1500Kg / 3300Lb
	<b>ORION 230V / 400V</b>	4000Kg / 8800Lb	
	<b>ORION 230V / 400V ADV</b>	6000Kg / 13200Lb	





# PERSEUS 230V & 24V

Sliding Gates

Electromechanical motor 230V or 24V

Max weight **400kg**



Special Motors 12V on request



CODE	PRODUCT
GAT2.1001	Perseus 230V
GAT2.1101	Mini Kit Perseus 230V
GAT2.1201	Full Kit Perseus 230V
GAT2.1011	Perseus 24V
GAT2.1111	Mini Kit Perseus 24V
GAT2.1211	Full Kit Perseus 24V

TECHNICAL DETAILS		
Power supply	230Vac	24Vdc
Current	1,1A	5,5A
Motor Power	190W	70W
Pinion	M4 Z17	
Speed	10mt/min	
Product weight	8Kg	
Operating Temperature	-25°C +60°C	
Class protection	IP55	

## Details





## MINI KIT

## Kit Solutions

(1) Motor + Control Board + Receiver + (1) Remote Control



Control Unit inside the motor

## FULL KIT

(1) Motor + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



Control Unit inside the motor

## ACCESSORIES

CODE	TYPE
GAT9.2011	<b>THALIA 24V</b>
GAT9.2001	<b>THALIA 230V</b>
GAT9.1003	<b>ERATO 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9071	<b>SAFETY KIT</b>
GAT1.9062	<b>M4 NYLON RACK</b>
GAT1.9061	<b>M4 STEEL RACK</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9111	<b>COLUMN 500MM</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9041	<b>SIGNAL LIGHT 24V</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT9.9055	<b>LOOP DETECTOR</b>
GAT9.9091	<b>ANTENNA</b>



Safety Kit for UNI EN 12978



Antenna



Signal Light



Loop Detector



Noah



Moses



Column



Photocells STD



Thalia or Erato



Key Selector



Steel Rack



Photocells 180°





# ARTEMIS 230V & 24V

## Sliding Gates

Electromechanical motor 230V or 24V

Max weight **600kg**



Special Motors 110V or 12V on request

**100% ALUMINIUM AND  
METAL COMPONENTS**

CODE	PRODUCT
GAT2.2001	Artemis 230V
GAT2.2101	Mini Kit Artemis 230V
GAT2.2201	Full Kit Artemis 230V
GAT2.2011	Artemis 24V
GAT2.2111	Mini Kit Artemis 24V
GAT2.2211	Full Kit Artemis 24V

TECHNICAL DETAILS		
Power supply	230Vac	24Vdc
Current	1,5A	5,5A
Motor Power	350W	70W
Pinion	M4 Z17	
Speed	10mt/min	
Product weight	8Kg	
Operating Temperature	-25°C +60°C	
Class protection	IP55	

### Details



## MINI KIT

## Kit Solutions

(1) Motor + Control Board + Receiver + (1) Remote Control



Control Unit inside the motor

## FULL KIT

(1) Motor + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



Control Unit inside the motor

## ACCESSORIES

CODE	TYPE
GAT9.2011	<b>THALIA 24V</b>
GAT9.2001	<b>THALIA 230V</b>
GAT9.1003	<b>ERATO 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9071	<b>SAFETY KIT</b>
GAT1.9062	<b>M4 NYLON RACK</b>
GAT1.9061	<b>M4 STEEL RACK</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9111	<b>COLUMN 500MM</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9041	<b>SIGNAL LIGHT 24V</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT9.9055	<b>LOOP DETECTOR</b>
GAT9.9091	<b>ANTENNA</b>



Safety Kit for UNI EN 12978



Antenna



Signal Light



Loop Detector



Noah



Moses



Column



Photocells STD



Thalia or Erato



Key Selector



Steel Rack



Photocells 180°



# NYX 230V

Electromechanical motor 230V  
Max weight **800kg**

## Sliding Gates



100% ALUMINIUM AND  
METAL COMPONENTS

CODE	PRODUCT
GAT2.2003	Nyx 230V
GAT2.2103	Mini Kit Nyx 230V
GAT2.2203	Full Kit Nyx 230V

TECHNICAL DETAILS	
Power supply	230V
Current	1,5A
Motor Power	350W
Pinion	M4 Z17
Speed	10mt/min
Product weight	8Kg
Operating Temperature	-25°C +60°C
Class protection	IP55

### Details



## MINI KIT

## Kit Solutions

(1) Motor + Control Board + Receiver + (1) Remote Control



Control Unit inside the motor

## FULL KIT

(1) Motor + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



Control Unit inside the motor

## ACCESSORIES

CODE	TYPE
GAT9.2001	<b>THALIA 230V</b>
GAT9.1003	<b>ERATO 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9071	<b>SAFETY KIT</b>
GAT1.9062	<b>M4 NYLON RACK</b>
GAT1.9061	<b>M4 STEEL RACK</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9111	<b>COLUMN 500MM</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT9.9055	<b>LOOP DETECTOR</b>
GAT9.9091	<b>ANTENNA</b>



Safety Kit for UNI EN 12978



Antenna



Signal Light



Loop Detector



Noah



Moses



Column



Photocells STD



Thalia or Erato



Key Selector



Steel Rack



Photocells 180°



# MINOS 230V

Electromechanical motor 230V  
Max weight **1000kg**

Special Motors 110V on request

## Sliding Gates



Available also in Oil Bath on request

**100% ALUMINIUM AND  
METAL COMPONENTS**

CODE	PRODUCT
GAT2.3001	Minos MEC-LS
GAT2.3101	Mini Kit Minos MEC-LS
GAT2.3201	Full Kit Minos MEC-LS
GAT2.3002	Minos 230V MAG-LS
GAT2.3102	Mini Kit Minos 230V MAG-LS
GAT2.3202	Full Kit Minos 230V MAG-LS

**MEC-LS:** Mechanical Limit Switch  
**MAG-LS:** Magnetic Limit Switch

TECHNICAL DETAILS	
Power supply	230Vac
Current	1,7A
Motor Power	550W
Pinion	M4 Z16
Speed	10mt/min
Product weight	16Kg
Operating Temperature	-20°C +55°C
Class protection	IP44

### Details





## MINI KIT

## Kit Solutions

(1) Motor + Control Board + Receiver + (1) Remote Control



Control Unit inside the motor

## FULL KIT

(1) Motor + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



Control Unit inside the motor

## ACCESSORIES

CODE	TYPE
GAT9.2001	<b>THALIA 230V</b>
GAT9.1003	<b>ERATO 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9071	<b>SAFETY KIT</b>
GAT1.9062	<b>M4 NYLON RACK</b>
GAT1.9061	<b>M4 STEEL RACK</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9111	<b>COLUMN 500MM</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT9.9055	<b>LOOP DETECTOR</b>
GAT9.9091	<b>ANTENNA</b>



Safety Kit for UNI EN 12978



Antenna



Signal Light



Loop Detector



Noah



Moses



Column



Photocells STD



Thalia or Erato



Key Selector



Steel Rack



Photocells 180°



# TYPHON 230V

Electromechanical Oil Bath motor 230V  
Max weight **2000kg**

Special Motors 110V on request

Sliding Gates



**100% ALUMINIUM AND  
METAL COMPONENTS**

CODE	PRODUCT
GAT2.4001	Typhon 230V MAG-LS
GAT2.4101	Mini Kit Typhon 230V MAG-LS
GAT2.4201	Full Kit Typhon 230V MAG-LS

**MEC-LS:** Mechanical Limit Switch

**MAG-LS:** Magnetic Limit Switch

Available also with Mechanical Limit Switch on request

TECHNICAL DETAILS	
Power supply	230Vac
Current	2,4A
Motor Power	650W
Pinion	M4 Z16
Speed	10mt/min
Product weight	17Kg
Operating Temperature	-20°C +55°C
Class protection	IP44

## Details





## MINI KIT

## Kit Solutions

(1) Motor + Control Board + Receiver + (1) Remote Control



Control Unit inside the motor

## FULL KIT

(1) Motor + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



Control Unit inside the motor

## ACCESSORIES

CODE	TYPE
GAT9.2001	<b>THALIA 230V</b>
GAT9.1003	<b>ERATO 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9071	<b>SAFETY KIT</b>
GAT1.9062	<b>M4 NYLON RACK</b>
GAT1.9061	<b>M4 STEEL RACK</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9111	<b>COLUMN 500MM</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT9.9055	<b>LOOP DETECTOR</b>
GAT9.9091	<b>ANTENNA</b>



Safety Kit for UNI EN 12978



Antenna



Signal Light



Loop Detector



Noah



Moses



Column



Photocells STD



Thalia or Erato



Key Selector



Steel Rack



Photocells 180°



# ORION 230V & 400V

Electromechanical motor 230V or 400V

Max weight **4000kg** or **6000kg**

Sliding Gates



100% ALUMINIUM AND  
METAL COMPONENTS

CODE	PRODUCT
GAT2.5001	Orion*
GAT2.5101	Mini Kit Orion
GAT2.5201	Full Kit Orion
GAT2.5002	Orion ADV*

\* Control Unit included

TECHNICAL DETAILS		
Power supply	230Vac Δ	400Vac Y
Current	3A	
Motor Power	900W	
Pinion	M6 Z16	
Speed	10mt/min	
Product weight	48Kg	
Operating Temperature	-20°C +55°C	
Class protection	IP55	



# MINI KIT

## Kit Solutions

(1) Motor + Control Board + Receiver + (1) Remote Control



(1) Motor + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



# ACCESSORIES

CODE	TYPE
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9071	<b>SAFETY KIT</b>
GAT1.9063	<b>M6 STEEL RACK</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9111	<b>COLUMN 500MM</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT9.9055	<b>LOOP DETECTOR</b>
GAT9.9091	<b>ANTENNA</b>



Safety Kit for UNI EN 12978



Antenna



Loop Detector



Noah



Moses



Column



Signal Light



Photocells STD



Key Selector



Steel Rack



Photocells 180°





# TRAFFIC BARRIERS





# ERIS 230V & 24V

Electromechanical Traffic Barrier 230V or 24V  
Max length **4mt** or **6mt**

## Traffic Barriers



100% ALUMINIUM AND  
METAL COMPONENTS

CODE	PRODUCT
GAT3.1001	Eris 230V Fast*
GAT3.1002	Eris 230V Slow*
GAT3.1011	Eris 24V Fast*
GAT3.1012	Eris 24V Slow*

\* Control Unit and Spring included  
Beam and Ground Plate not included

Standard Configuration:

- Barrier
- Round Beam
- Ground Plate

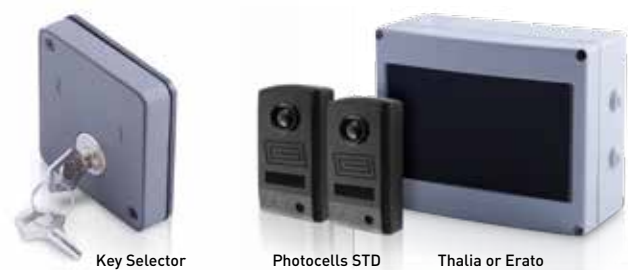
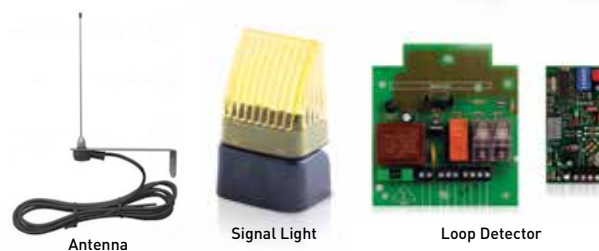
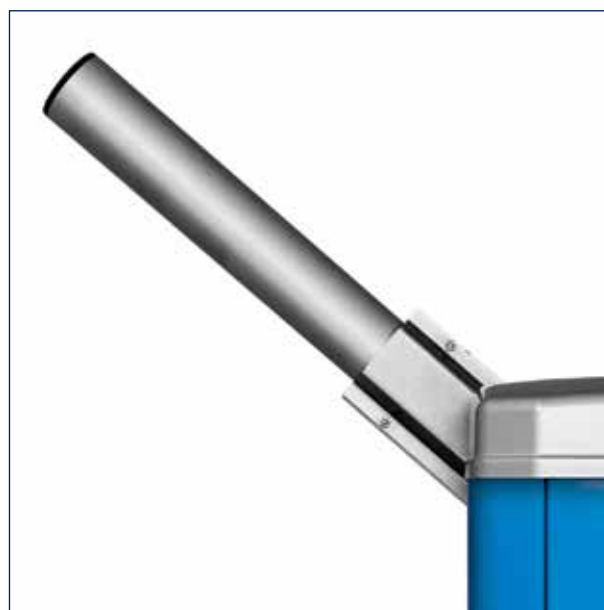
TECHNICAL DETAILS		
Power supply	230Vac	24Vdc
Current	1,4A	3A
Motor Power	250W	60W
Opening Time	10sec (slow) 5sec (fast)	
Beam length	From 3mt to 6mt (slow) From 2mt to 4mt (fast)	
Product weight	45Kg	
Operating Temperature	-20°C +55°C	
Class protection	IP44	

### Details



# ACCESSORIES

CODE	TYPE
GAT3.1802	ROUND BEAM 2MT
GAT3.1803	ROUND BEAM 3MT
GAT3.1804	ROUND BEAM 4MT
GAT3.1805	ROUND BEAM 5MT
GAT3.1806	ROUND BEAM 6MT
GAT3.1809	ROUND BEAM JOINT
GAT3.1901	GROUND PLATE
GAT3.1902	FORK
GAT3.1903	BEAM SUPPORT
GAT3.1904	2MT MOBILE CURTAIN
GAT3.1911	1MT LED KIT
GAT3.1912	LED FLASHING LIGHT CONTROL UNIT
GAT9.2011	THALIA 24V
GAT9.2001	THALIA 230V
GAT9.1003	ERATO 230V
GAT9.9002	NOAH
GAT9.9001	MOSES
GAT9.9010	PHOTOCELLS STD
GAT9.9011	PHOTOCELLS 180°
GAT9.9111	COLUMN 500MM
GAT9.9031	ALUMINUM KEY SELECTOR
GAT9.9041	SIGNAL LIGHT 24V
GAT9.9043	SIGNAL LIGHT 230V
GAT9.9055	LOOP DETECTOR
GAT9.9091	ANTENNA

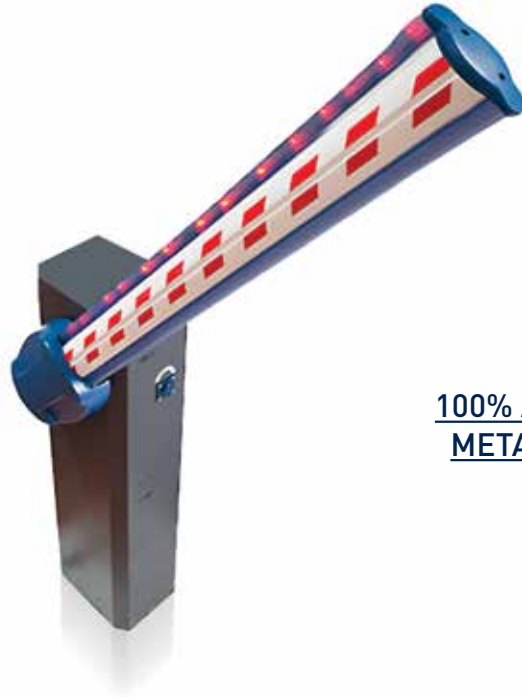




# GORGON 230V & 24V

Hydraulic Traffic Barrier 230V & 24V  
Max Beam Length **3mt / 5mt / 7,5mt**

## Traffic Barriers



100% ALUMINIUM AND  
METAL COMPONENTS

CODE	PRODUCT
GAT3.2011	Gorgon 24V*
GAT3.2001	Gorgon S*
GAT3.2002	Gorgon M*
GAT3.2003	Gorgon L*
GAT3.2004	Gorgon XL*
GAT3.2005	Gorgon S Fast*
GAT3.2006	Gorgon S Ultra*

\* Control Unit and Ground Plate  
included Beam and Spring not included

Standard Configuration:

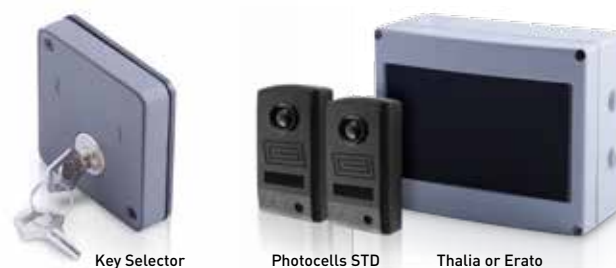
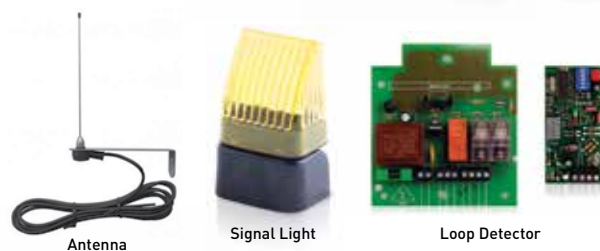
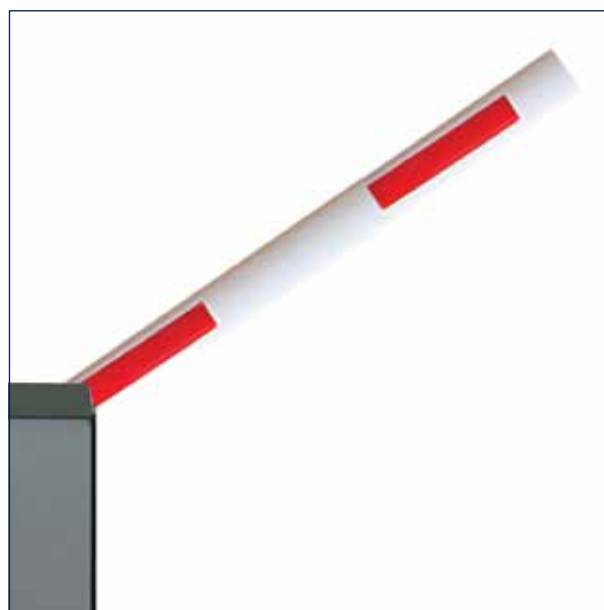
- Barrier
- Oval Beam with spring

TECHNICAL DETAILS							
Model	24V	S	M	L	XL	S Fast	S Ultra
Power supply	24V DC	230V	230V	230V	230V	230V	230V
Current	10A	1,1A	1,1A	1,1A	1,1A	2A	2A
Motor Power	45W	220W	220W	220W	230W	500W	500W
Opening Time	5-10sec	2-3sec	6-8sec	8-10sec	8-12sec	1,3-1,8sec	0,8-1,1sec
Beam Length	3-5mt	2-3mt	3-5mt	3-5mt	5-7,5mt	2-3mt	2-3mt
Product weight	51kg	51kg	51kg	51kg	83kg	70kg	70kg
Operating Temp.	-20°C +55°C						
Class protection	IP55						

# ACCESSORIES


CODE	TYPE
GAT3.2803	OVAL BEAM 3M (24V-S-M-L)*
GAT3.2804	OVAL BEAM 4M (24V-S-M-L)*
GAT3.2805	OVAL BEAM 5M (24V-S-M-L)*
GAT3.2806	OVAL BEAM 6M (XL)*
GAT3.2807	OVAL BEAM 7M (XL)*
GAT3.2808	OVAL BEAM 7.5M (XL)*
GAT3.2802	OVAL BEAM 2M (SF-SU)*
GAT3.2825	OVAL BEAM 2.5M (SF-SU)*
GAT3.2823	OVAL BEAM 3M (SF-SU)*
GAT3.2809	ARTICULATED OVAL BEAM 3.5MT (24V-S-M-L)*
GAT3.2901	FORK (24V-S-M-L-SF-SU)
GAT3.2902	FORK (XL)
GAT3.2903	BEAM SUPPORT (24V-S-M-L)
GAT3.2904	BEAM SUPPORT (XL)
GAT3.2913	3MT MOBILE CURTAIN (24V-S-M-L)*
GAT3.2914	4MT MOBILE CURTAIN (24V-S-M-L)*
GAT3.2916	6MT MOBILE CURTAIN (XL)*
GAT3.2917	7MT MOBILE CURTAIN (XL)*
GAT3.2905	1MT LED KIT
GAT9.2011	THALIA 24V
GAT9.2001	THALIA 230V
GAT9.1003	ERATO 230V
GAT9.9002	NOAH
GAT9.9001	MOSES
GAT9.9010	PHOTOCELLS STD
GAT9.9011	PHOTOCELLS 180°
GAT9.9111	COLUMN 500MM
GAT9.9031	ALUMINUM KEY SELECTOR
GAT9.9041	SIGNAL LIGHT 24V
GAT9.9043	SIGNAL LIGHT 230V
GAT9.9055	LOOP DETECTOR
GAT9.9091	ANTENNA

\*Spring included







A large, stylized blue circular logo is centered on the page. It features a pattern of curved, overlapping lines that resemble a rolling shutter or a stylized 'S' shape. The logo is set against a dark blue background with a subtle grid of small white dots and faint, glowing light effects.

# **ROLLING SHUTTERS & GARAGE DOORS**



# EOS

## Rolling Shutters

Electromechanical Rolling Shutter opener 230V  
Max weight **170kg** and **340kg (DM)**



**100% METAL COMPONENTS**

CODE	PRODUCT
GAT4.1001	EOS 200
GAT4.1002	EOS 200 EB
GAT4.1003	EOS 200 DM
GAT4.1004	EOS 200 DM EB
GAT4.1101	Mini Kit Eos 200
GAT4.1202	Full Kit Eos 200
GAT4.1102	Mini Kit Eos 200 EB
GAT4.1202	Full Kit Eos 200 EB

EB: Elettric Block / DM: Double Motor  
Special motor for 240/280mm Pulley and 101/76mm  
Tube on request

TECHNICAL DETAILS		
Power supply	230V	
Current	2,6A	5,6A
Motor Power	600W	1200W
Torque	168Nm	357Nm
Speed	10Rpm	
Product weight	7,5kg	10kg
Operating Temperature	-20°C +55°C	
Pulley	200/220mm	
Tube	60 / 48 / 42mm DM only 60mm	



## MINI KIT

## Kit Solutions

(1) Motor + Control Board + Receiver + (1) Remote Control



## FULL KIT

(1) Motor + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



## ACCESSORIES

CODE	TYPE
GAT9.4001	<b>CALLIOPE 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9033	<b>SAFE ALUMINUM BOX</b>
GAT9.9044	<b>FLASHING LIGHT 230V</b>
GAT4.1901	<b>ELECTRIC BLOCK KIT</b>
GAT4.1902	<b>SAFETY BREAK FOR ROLLING SHUTTER</b>



Noah



Moses



Flashing Light



Photocells STD



Calliope



Key Selector



Safe Box



Photocells 180°



# ANUBIS 24V

## Garage Doors

Electromechanical sectional door opener 24V

Max weight **80kg**



100% ALUMINIUM AND  
METAL COMPONENTS

CODE	PRODUCT
GAT5.2101	Mini Kit Anubis 3mt
GAT5.2201	Full Kit Anubis 3mt

TECHNICAL DETAILS	
Power supply	24Vdc
Motor Power	200W
Thrust Force	800N
Door surface	13mq
Opening Speed	12cm/s
Product weight	15Kg
Operating Temperature	-20°C +40°C
Class protection	IP30

### Details



## MINI KIT

## Kit Solutions

(1) Motor + 3mt Rail + Control Board + Receiver + (1) Remote Control



Control Unit inside the motor

## FULL KIT

(1) Motor + 3mt Rail + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



Control Unit inside the motor

## ACCESSORIES

CODE	TYPE
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9033	<b>SAFE ALUMINUM BOX</b>
GAT9.9042	<b>FLASHING LIGHT 24V</b>
GAT5.2901	<b>RELEASE LOCK</b>
GAT5.2902	<b>500mm RAIL KIT</b>



Noah



Moses



Flashing Light



Photocells STD



Key Selector



Safe Box



Photocells 180°





# SISYPHUS 230V

## Garage Doors

Electromechanical counterweight door opener 230V

Max surface **9m<sup>2</sup>**



\*2 motors over 9m<sup>2</sup>

100% ALUMINIUM AND  
METAL COMPONENTS

CODE	PRODUCT
GAT5.1001	Sisyphus
GAT5.1101	Mini Kit Sisyphus
GAT5.1201	Full Kit Sisyphus

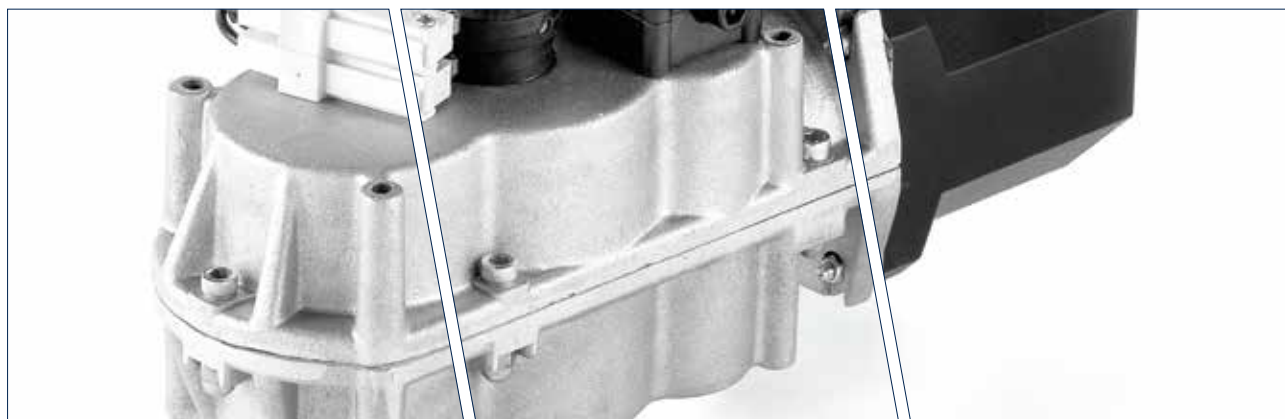
TECHNICAL DETAILS	
Power supply	230Vac
Current	1,1A
Motor Power	320W
Thrust Force	320N
Opening Time	8sec
Product weight	10Kg
Operating Temperature	-25°C +60°C
Class protection	IP44

Control Unit Included

\*Single motor kit: (2) curved arms + (2) power shaft + (2) screw sets

\*Double motor kit: (2) straight arms + (2) screw sets

### Details



## MINI KIT

## Kit Solutions

(1) Motor + Support Bar + Single Motor Kit + Control Board + Receiver + (1) Remote Control



## FULL KIT

(1) Motor + Support Bar + Single Motor Kit + Control Board + Receiver + (2) Remote Controls + Flashing Light + Key Selector + (1 couple) Photocells



## ACCESSORIES

CODE	TYPE
GAT9.2001	<b>THALIA 230V</b>
GAT9.1003	<b>ERATO 230V</b>
GAT9.9002	<b>NOAH</b>
GAT9.9001	<b>MOSES</b>
GAT9.9010	<b>PHOTOCELLS STD</b>
GAT9.9011	<b>PHOTOCELLS 180°</b>
GAT9.9031	<b>ALUMINUM KEY SELECTOR</b>
GAT9.9033	<b>SAFE ALUMINIUM BOX</b>
GAT9.9043	<b>SIGNAL LIGHT 230V</b>
GAT5.1902	<b>SINGLE MOTOR KIT</b>
GAT5.1903	<b>DOUBLE MOTOR KIT</b>
GAT5.1901	<b>SUPPORT BAR</b>
GAT5.1904	<b>RELEASE LOCK</b>





A large, stylized blue circular graphic with a leaf-like or petal-like pattern, centered on the page. The pattern consists of several curved, overlapping shapes that form a circular motif. The background is a dark blue gradient with a subtle grid of small white dots.







# **CONTROL UNITS & ACCESSORIES**



# CONTROL UNITS

## Range of Products

For Swing Gates

PRODUCT		TYPE	CODE	TECHNICAL DATA
 		<b>CLIO 24V</b>	GAT9.1011	433MHz Radio on Board
				Working time programming
				Soft stop programming
				Obstacle detection
				Plug-in terminals
				Limit switch input
 		<b>CLIO 230V</b>	GAT9.1002	433MHz Radio on Board
				Working time programming
				Soft stop programming <small>*only electromechanical motors</small>
				Plug-in terminals
 		<b>ERATO 230V</b>	GAT9.1.003	433MHz Radio on Board
				Programming by display
				Working time programming
				Soft stop programming <small>*both hydraulic and electromechanical motors</small>
				Obstacle detection <small>*only electromechanical motors</small>
				Plug-in terminals
				Limit switch input









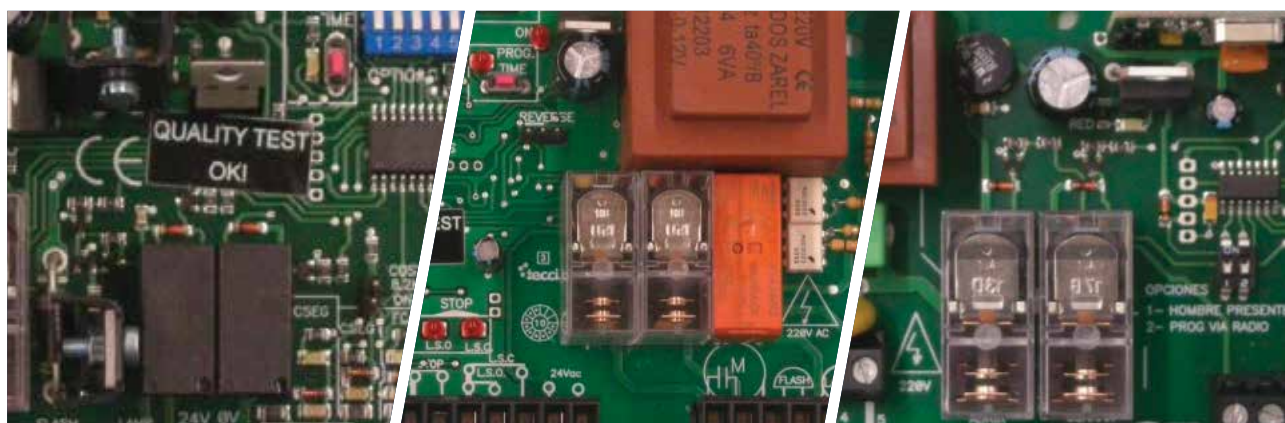


# CONTROL UNITS

## Range of Products

For Sliding Gates, Traffic Barriers and Garage Doors

PRODUCT		TYPE	CODE	TECHNICAL DATA
 		<b>THALIA 24V</b>	GAT9.2011	433MHz Radio on Board
				Working time programming
				Soft stop programming
				Obstacle detection
				Plug-in terminals
				Limit switch input
 		<b>THALIA 230V</b>	GAT9.2001	433MHz Radio on Board
				Working time programming
				Soft stop programming
				Plug-in terminals
				Limit switch input
 		<b>CALLIOPE</b> <small>*for Rolling shutters</small>	GAT9.4001	433MHz Radio on Board
				Working time programming
				Plug-in terminals







# ACCESSORIES

## Range of Products


### REMOTE CONTROLS



PRODUCT	TYPE	CODE	TECHNICAL DATA	
	<b>NOAH</b>	GAT9.9002	Power supply	1 x 12Vdc Alkaline Battery
			Encryption type	Hopping code
			Frequency	433,92Mhz <small>*special 868,35Mhz on request</small>
			Number of buttons	3
	<b>MOSES</b>	GAT9.9001	Number of functions	5
			Max distance	100mt
			Operating Temperature	-20°C +85°C

DIP SWITCHES REMOTE CONTROLS AVAILABLE ON REQUEST

### RECEIVERS

PRODUCT	TYPE	CODE	TECHNICAL DATA	
	<b>RECEIVER 230V</b>	GAT9.9003	Frequency	433,92Mhz <small>*special 868,35Mhz</small>
			Output	1relay Up to 3 relais with optional card
	<b>RECEIVER 24V</b>	GAT9.9004	Number of codes	255



# SPECIAL ACCESSORIES

## Range of Products

### SAFETY AND ANTI-VANDALISM ACCESSORIES



PRODUCT	TYPE	CODE	TECHNICAL DATA
	<b>SAFETY KIT</b> comply UNI EN 12978 standard	GAT9.9071	1 x Wireless RX
			1 x Wireless TX
			1 x 8K2 200mm Safety Edge
	<b>WIRELESS RX</b>	GAT9.9072	Bi-directional 868Mhz
			N.C or 8K2 Input
			Up to 16 TX
	<b>WIRELESS TX</b>	GAT9.9073	Bi-directional 868Mhz
			N.C or 8K2 Input
			With Self Test
	<b>8K2 SAFETY EDGE</b>	GAT9.9121 (150mm)	With double contact
		GAT9.9122 (170mm)	
		GAT9.9123 (200mm)	With redundancy and sensitive over entire lenght
		GAT9.9124 (250mm)	
	<b>NC SAFETY EDGE</b>	GAT9.9021 (150mm)	Mechanical edge
		GAT9.9022 (170mm)	
		GAT9.9023 (200mm)	N.C. Contact
		GAT9.9024 (250mm)	
	<b>TRIVIA ANTI-VANDALISM PHOTOCELLS</b>	GAT9.9082	180° Adjustment
			Anti-Vandalism Protection
	<b>HEKATE ANTI-VANDALISM KEYPAD</b>	GAT9.9081	Strong case made in anodized aluminium
			2 Channels 120 codes
			From 1 to 8 digit codes
			Single code erasing
			Two-colors LED free for the user
			Anti-tamper micro switch (device)
			IP65 or IP67
			Dimension: 142 x 42 x 23mm







# ACCESSORIES

## Range of Products

### PHOTOCELLS










PRODUCT	TYPE	CODE	TECHNICAL DATA
	<b>WALL STD</b>	GAT9.9010	Infrared Photocells with range up to 20m
	<b>WALL 180</b>	GAT9.9011	Infrared Photocells with range up to 15m and 180° orientable optic
	<b>WALL 180B</b> *with battery	GAT9.9016	
	<b>WALL SLIM</b>	GAT9.9012	Small size Infrared Photocells with range up to 15m
	<b>WALL MINI</b>	GAT9.9013	Mini size Infrared Photocells with range up to 15m
	<b>RECESS</b>	GAT9.9014	Recess mounted Infrared Photocells with range up to 30m
	<b>MIRROR</b>	GAT9.9015	Reflection Infrared Photocells with range up to 15m
	<b>COLUMN</b>	GAT9.9111	500mm
		GAT9.9112	1000mm
	<b>PLUG-IN</b>	GAT9.9113	Plug-in Top for Wall STD
		GAT9.9114	Plug-in Top for Recess

# ACCESSORIES

## Range of Products

### CONTROL ACCESSORIES

PRODUCT	TYPE	CODE	TECHNICAL DATA
	<b>ALUMINIUM CASE KEY SELECTOR</b>	GAT9.9031	Outdoor aluminium case Switch start and stop
	<b>PLASTIC CASE KEY SELECTOR</b>	GAT9.9032	Outdoor plastic case Switch start and stop
	<b>SAFE ALUMINIUM BOX</b>	GAT9.9033	Wall-mounted aluminium box with release and button
	<b>PROXIMITY READER</b>	GAT9.9051	Proximity Reader with 24V receiver included
		GAT9.9052	Key
		GAT9.9053	Card
	<b>KEYPAD</b>	GAT9.9054	Keypad with 24V receiver included
	<b>LOOP DETECTOR</b>	GAT9.9055	Loop Detector with 8 level sensibility adjustment up to 5x2,5m detection field
	<b>GSM MODULE</b>	GAT9.9056	GSM Module for mobile management



# ACCESSORIES

## Range of Products

### OTHER ACCESSORIES

PRODUCT	TYPE	CODE	TECHNICAL DATA
	<b>24V SIGNAL LIGHT</b>	GAT9.9041	24V LED card
	<b>24V FLASHING LIGHT</b>	GAT9.9042	24V Flashing LED card
	<b>230V SIGNAL LIGHT</b>	GAT9.9043	230V Lamp card
	<b>230V FLASHING LIGHT</b>	GAT9.9044	230V Flashing Lamp card
	<b>12/24V LIGHT</b>	GAT9.9045	12/24V Flashing LED card IP66
	<b>ANTENNA</b>	GAT9.9091	433Mhz Antenna
	<b>ELECTRIC LOCK</b>	GAT9.9092	Horizontal Electric Lock interchangeable side with button
	<b>NYLON RACK M4</b>	GAT9.9062	Nylon Rack up to 800Kg
	<b>STEEL RACK M4</b>	GAT9.9061	Steel Rack up to 2000Kg
	<b>STEEL RACK M6</b>	GAT9.9063	Steel Rack up to 6000Kg
	<b>BATTERY 12VDC 1.2AH</b>	GAT9.9093	12VDC 1.2Ah
	<b>BATTERY 12VDC 7AH</b>	GAT9.9094	12VDC 7Ah



## NOTES

This image shows a full page of a document template designed for handwriting practice or general note-taking. It consists of approximately 28 evenly spaced horizontal dotted lines across the entire width of the page. The background is plain white, and there are no margins, headers, footers, or other markings present.



A stylized, abstract graphic in shades of blue, resembling a tubular motor or a stylized eye. It features curved, overlapping segments and a central area with radiating lines, all set against a dark blue background with a subtle grid pattern.

# **TUBULAR MOTORS**



# MEROPE S

Tubular motor 230V

Tubular Motors



CODE	PRODUCT	DIAMETER	TORQUE	SPEED	MOTORPOWER	LENGTH
SAS1.1001	Merope 35S 4Nm	35mm	4Nm	28Rpm	123W	516mm
SAS1.1002	Merope 35S 10Nm	35mm	10Nm	12Rpm	121W	516mm
SAS1.2001	Merope 45S 20Nm	45mm	20Nm	16Rpm	180W	571mm
SAS1.2002	Merope 45S 30Nm	45mm	30Nm	16Rpm	235W	591mm
SAS1.2003	Merope 45S 50Nm	45mm	50Nm	12Rpm	285W	591mm
SAS1.3001	Merope 59S 80Nm	59mm	80Nm	12Rpm	380W	726mm
SAS1.3002	Merope 59S 100Nm	59mm	100Nm	12Rpm	485W	726mm
SAS1.3003	Merope 59S 120Nm	59mm	120Nm	8Rpm	350W	726mm

## Details



## Performance Data



### ROLLING SHUTTERS

CODE	PRODUCT	OCTAGONAL TUBE DIAMETER	LIFTED WEIGHT	OCTAGONAL TUBE DIAMETER	LIFTED WEIGHT
SAS1.1001	Merope 35S 4Nm	40mm	0-8Kg	-	-
SAS1.1002	Merope 35S 10Nm	40mm	9-18Kg	-	-
SAS1.2001	Merope 45S 20Nm	60mm	19-35Kg	-	-
SAS1.2002	Merope 45S 30Nm	60mm	36-55Kg	70mm	0-45Kg
SAS1.2003	Merope 45S 50Nm	60mm	56-90Kg	70mm	46-80Kg
SAS1.3001	Merope 59S 80Nm	70mm	81-90Kg	-	-
SAS1.3002	Merope 59S 100Nm	70mm	91-115Kg	-	-
SAS1.3003	Merope 59S 120Nm	70mm	116-140Kg	-	-

### AWNINGS

CODE	PRODUCT	ROUND TUBE DIAMETER	PROJECTION 2 ARMS	PROJECTION 4 ARMS	PROJECTION 6 ARMS
SAS1.1001	Merope 35S 4Nm	-	-	-	-
SAS1.1002	Merope 35S 10Nm	-	-	-	-
SAS1.2001	Merope 45S 20Nm	-	-	-	-
SAS1.2002	Merope 45S 30Nm	70mm	2m	-	-
SAS1.2003	Merope 45S 50Nm	70mm	-	4m	2m - 2,5m
SAS1.3001	Merope 59S 80Nm	78mm	3,5 - 4m	3m - 3,5m	2m - 2,5m
SAS1.3002	Merope 59S 100Nm	78mm	4,5m	4m	3m - 3,5m - 4m
SAS1.3003	Merope 59S 120Nm	78mm	-	4,5m	4,5m



# MEROPE M

## Tubular Motors

Tubular motor 230V with Manual Overdrive



CODE	PRODUCT	DIAMETER	TORQUE	SPEED	MOTORPOWER	LENGTH
SAS2.2001	Merope 45M 20Nm	45mm	20Nm	16Rpm	180W	630mm
SAS2.2002	Merope 45M 30Nm	45mm	30Nm	16Rpm	235W	630mm
SAS2.2003	Merope 45M 50Nm	45mm	50Nm	12Rpm	285W	630mm
SAS2.3001	Merope 59M 80Nm	59mm	80Nm	12Rpm	380W	719mm
SAS2.3002	Merope 59M 100Nm	59mm	100Nm	12Rpm	485W	719mm
SAS2.3003	Merope 59M 120Nm	59mm	120Nm	8Rpm	350W	719mm

### Details





## Performance Data



### ROLLING SHUTTERS

CODE	PRODUCT	OCTAGONAL TUBE DIAMETER	LIFTED WEIGHT	OCTAGONAL TUBE DIAMETER	LIFTED WEIGHT
SAS2.2001	Merope 45M 20Nm	60mm	19-35Kg	-	-
SAS2.2002	Merope 45M 30Nm	60mm	36-55Kg	70mm	0-45Kg
SAS2.2003	Merope 45M 50Nm	60mm	56-90Kg	70mm	46-80Kg
SAS2.3001	Merope 59M 80Nm	70mm	81-90Kg	-	-
SAS2.3002	Merope 59M 100Nm	70mm	91-115Kg	-	-
SAS2.3003	Merope 59M 120Nm	70mm	116-140Kg	-	-

### AWNINGS

CODE	PRODUCT	ROUND TUBE DIAMETER	PROJECTION 2 ARMS	PROJECTION 4 ARMS	PROJECTION 6 ARMS
SAS2.2001	Merope 45M 20Nm	-	-	-	-
SAS2.2002	Merope 45M 30Nm	70mm	2m	-	-
SAS2.2003	Merope 45M 50Nm	70mm	-	4m	2m - 2,5m
SAS2.3001	Merope 59M 80Nm	78mm	3,5 - 4m	3m - 3,5m	2m - 2,5m
SAS2.3002	Merope 59M 100Nm	78mm	4,5m	4m	3m - 3,5m - 4m
SAS2.3003	Merope 59M 120Nm	78mm	-	4,5m	4,5m



# ELETTRA S

Tubular motor 230V with radio and electronic limit switch integrated

## Tubular Motors



CODE	PRODUCT	DIAMETER	TORQUE	SPEED	MOTORPOWER	LENGTH
SAS5.1001	Elettra 35S 4Nm	35mm	4Nm	28Rpm	123W	516mm
SAS5.1002	Elettra 35S 10Nm	35mm	10Nm	12Rpm	121W	516mm
SAS5.2001	Elettra 45S 20Nm	45mm	20Nm	16Rpm	180W	571mm
SAS5.2002	Elettra 45S 30Nm	45mm	30Nm	16Rpm	235W	591mm
SAS5.2003	Elettra 45S 50Nm	45mm	50Nm	12Rpm	285W	591mm
SAS5.3001	Elettra 59S 80Nm	59mm	80Nm	12Rpm	380W	726mm
SAS5.3002	Elettra 59S 100Nm	59mm	100Nm	12Rpm	485W	726mm
SAS5.3003	Elettra 59S 120Nm	59mm	120Nm	8Rpm	350W	726mm

### Details



## Performance Data



### ROLLING SHUTTERS

CODE	PRODUCT	OCTAGONAL TUBE DIAMETER	LIFTED WEIGHT	OCTAGONAL TUBE DIAMETER	LIFTED WEIGHT
SAS5.1001	Elettra 35S 4Nm	40mm	0-8Kg	-	-
SAS5.1002	Elettra 35S 10Nm	40mm	9-18Kg	-	-
SAS5.2001	Elettra 45S 20Nm	60mm	19-35Kg	-	-
SAS5.2002	Elettra 45S 30Nm	60mm	36-55Kg	70mm	0-45Kg
SAS5.2003	Elettra 45S 50Nm	60mm	56-90Kg	70mm	46-80Kg
SAS5.3001	Elettra 59S 80Nm	70mm	81-90Kg	-	-
SAS5.3002	Elettra 59S 100Nm	70mm	91-115Kg	-	-
SAS5.3003	Elettra 59S 120Nm	70mm	116-140Kg	-	-

### AWNINGS

CODE	PRODUCT	ROUND TUBE DIAMETER	PROJECTION 2 ARMS	PROJECTION 4 ARMS	PROJECTION 6 ARMS
SAS5.1001	Elettra 35S 4Nm	-	-	-	-
SAS5.1002	Elettra 35S 10Nm	-	-	-	-
SAS5.2001	Elettra 45S 20Nm	-	-	-	-
SAS5.2002	Elettra 45S 30Nm	70mm	2m	-	-
SAS5.2003	Elettra 45S 50Nm	70mm	-	4m	2m - 2,5m
SAS5.3001	Elettra 59S 80Nm	78mm	3,5 - 4m	3m - 3,5m	2m - 2,5m
SAS5.3002	Elettra 59S 100Nm	78mm	4,5m	4m	3m - 3,5m - 4m
SAS5.3003	Elettra 59S 120Nm	78mm	-	4,5m	4,5m



# ELETTRA M

Tubular motor 230V with radio and electronic limit switch integrated and manual overdrive

## Tubular Motors



CODE	PRODUCT	DIAMETER	TORQUE	SPEED	MOTORPOWER	LENGTH
SAS6.2001	Eletttra 45M 20Nm	45mm	20Nm	16Rpm	180W	630mm
SAS6.2002	Eletttra 45M 30Nm	45mm	30Nm	16Rpm	235W	630mm
SAS6.2003	Eletttra 45M 50Nm	45mm	50Nm	12Rpm	285W	630mm

### Details



## Performance Data



### ROLLING SHUTTERS

CODE	PRODUCT	OCTAGONAL TUBE DIAMETER	LIFTED WEIGHT	OCTAGONAL TUBE DIAMETER	LIFTED WEIGHT
SAS6.2001	Elettra 45M 20Nm	60mm	19-35Kg	-	-
SAS6.2002	Elettra 45M 30Nm	60mm	36-55Kg	70mm	0-45Kg
SAS6.2003	Elettra 45M 50Nm	60mm	56-90Kg	70mm	46-80Kg

### AWNINGS

CODE	PRODUCT	ROUND TUBE DIAMETER	PROJECTION 2 ARMS	PROJECTION 4 ARMS	PROJECTION 6 ARMS
SAS6.2001	Elettra 45M 20Nm	-	-	-	-
SAS6.2002	Elettra 45M 30Nm	70mm	2m	-	-
SAS6.2003	Elettra 45M 50Nm	70mm	-	4m	2m - 2,5m

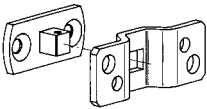
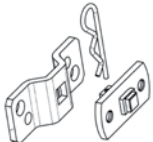

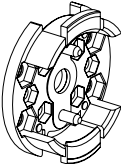
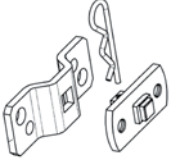
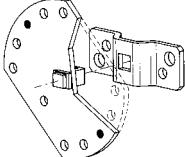
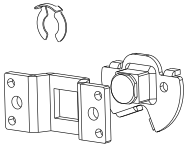
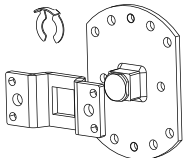




# ACCESSORIES

## Tubular Motors

### Brackets

PRODUCT	MOTOR DIAMETER	TECHNICAL DATA	CODE
	35S	Bracket with square pin center-to-center distance 48/60 mm - threaded holes	SAS9.3001
	45S	Bracket with square pin center-to-center distance 48/60 mm	SAS9.3002
	45S	Bracket Ø 10 threading pin for the direct clutch ideal for the existing clamp	SAS9.3003
	45S	Clipable bracket for high torques	SAS9.3004
	45M (for motors with manual override)	Bracket with square pin center-to-center distance 48/60 mm	SAS9.3005
	45M (for motors with manual override)	Revolving bracket with square pin and housing	SAS9.3006
	59S	Bracket with square pin	SAS9.3007
	59M (for motors with manual override)	Square bracket 48mm center-to-center box	SAS9.3008

Many other Brackets available on request

## Tubular Motors

### Adapters

PRODUCT	MOTOR DIAMETER	TECHNICAL DATA	CODE
	35	Ø 40mm Adapters for octagonal rolling tube - plastic	SAS9.4001
	45	Ø 60mm Adapters for octagonal rolling tube - metal	SAS9.4002
	45	Ø 70mm Adapters for octagonal rolling tube - metal	SAS9.4003
	45	Ø 70mm Adapters for round rolling tube - metal	SAS9.4004
	45	Ø 78mm Adapters for round with groove rolling tube - metal	SAS9.4005
	59	Ø 70mm Adapters for octagonal rolling tube - metal	SAS9.4006
	59	Ø 78mm Adapters for round with 14mm groove rolling tube - metal	SAS9.4007
	59	Ø 102mm Adapters for round rolling tube - metal	SAS9.4008

Many other Adapters available on request

[www.oxygenautomation.com](http://www.oxygenautomation.com)

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# ACCESSORIES

## Tubular Motors

Remote Controls  
433.42Mhz Rolling code



PRODUCT	TYPE	CODE
	Athena 1 white 1 channel	SAS9.1001
	Athena 1 black 1 channel	SAS9.1101
	Athena 4 white 4+1 channels	SAS9.1004
	Athena 4 black 4+1 channels	SAS9.1104
	Athena 1 wall white 1 channel	SAS9.1021
	Athena 1 wall black 1 channel	SAS9.1121
	Athena 1 sun & wind white 1 channel + sun & wind sensor control	SAS9.1031
	Athena 1 sun & wind black 1 channel + sun & wind sensor control	SAS9.1131
	Athena 6 white 6 channels with timer function	SAS9.1006
	Athena 6 black 1 channel + sun & wind sensor control	SAS9.1106
	Athena 16 white 16 channels	SAS9.1016
	Athena 16 black 16 channels	SAS9.1116

## Tubular Motors

### Radio Accessories

433.42Mhz



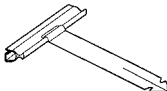

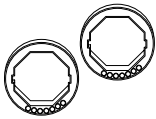

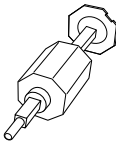



PRODUCT	TYPE	TECHNICAL DATA	CODE
	Sun & wind sensor	433.42Mhz radio control 230Vac IP34 -20°C +50°C	SAS9.2001
	Wind sensor	Only for awnings (2) alkaline batteries 1.5Vdc IP44 -20°C +60°C	SAS9.2002
	Sun & temperature sensor	(1) lithium battery 3Vdc IP31 0°C +60°C	SAS9.2003
	Wall timer	(2) batteries 1.5Vdc IP30 +5°C +40°C	SAS9.2004
	External receiver	433.42MHz receiver for MEROPE motors 230Vac IP55 -20°C +60°C	SAS9.2005



# ACCESSORIES

## Tubular Motors

### Mechanical Accessories

PRODUCT	TECHNICAL DATA	CODE
	Security spring for 9 mm slats	SAS9.5001
	Security spring for 14 mm standard slats	SAS9.5002
	Security block for shutters	SAS9.5003
	Set of two security block adapters for Ø 60 octagonal rolling tube	SAS9.5004
	Set of two security block adapters for Ø 70 octagonal rolling tube	SAS9.5005
	3 m Ø 60 octagonal tube	SAS9.5006
	3 m Ø 70 octagonal tube	SAS9.5007
	Adjustable plastic cap with pivot for Ø 60 octagonal rolling tube	SAS9.5008
	Adjustable plastic cap with pivot for Ø 70 octagonal rolling tube	SAS9.5009
	Plastic cap with pivot for Ø 60 octagonal rolling tube	SAS9.5010
	Plastic cap with pivot for Ø 70 octagonal rolling tube	SAS9.5011
	Rigid handle with hook	SAS9.5012
	Crack handle	SAS9.5013
	Square joint with short eye solar protection applications (6cm L)	SAS9.5014
	45° joint with eye. Rising from the box floor	SAS9.5015
	90° joint with eye. Rising from the box front	SAS9.5016



# SELECTION CHART

## Tubular Motors

Table for application

MATERIAL	WEIGHT m <sup>2</sup>
Pvc	5Kg
Wood	10Kg
Insulating Aluminium	4Kg
Insulating Steel	10Kg
Armoured Steel	16Kg

Rolling Shutter Standard Configuration

PRODUCT	PAGE
Merope S & Elettra S	64 & 68
Brackets	72
Adapters	73
Cap	76
Octagonal Tube	76

Awnings Standard Configuration

PRODUCT	PAGE
Merope M & Elettra M	66 & 70
Brackets	72
Adapters	73
Joint	76
Handle	76



A large, stylized blue bird logo, resembling a phoenix or a similar mythical creature, is centered on the page. The bird is depicted in a circular, flame-like shape with intricate feather details. The word "WINDOWS" is written in white, bold, sans-serif capital letters across the middle of the bird's body.

**WINDOWS**



# MEDEA 230V & 24V

Chain Electrical Linear Motors

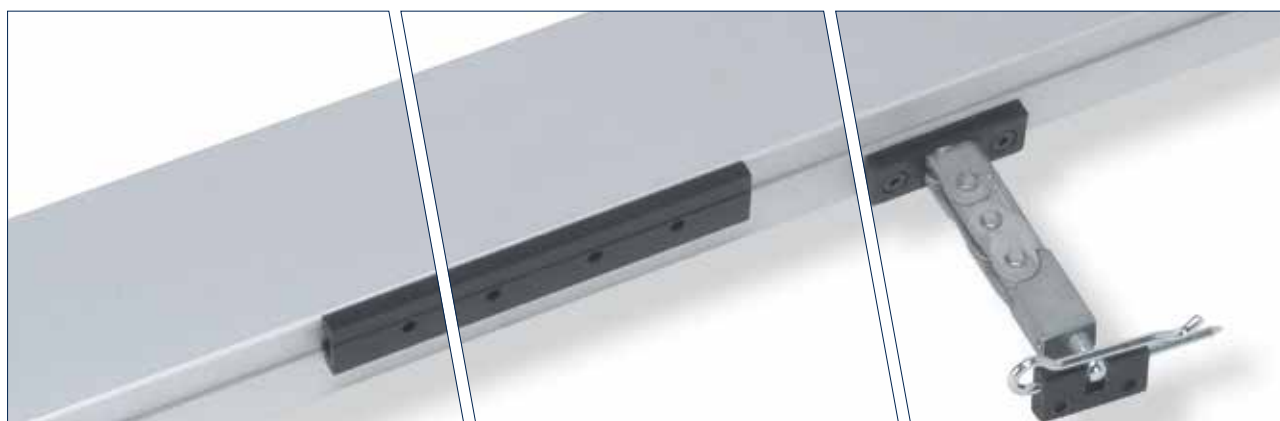
Windows



SIZE	POWER SUPPLY	THRUST FORCE	MOTOR POWER	SPEED	IP
S	230V	200N	30W	10mm/sec	20
	24Vdc	200N	20W	10mm/sec	
M	230V	350N	110W	15mm/sec	22
	24Vdc	350N	25W	16mm/sec	
L	230V	400N	160W	22mm/sec	22
	24Vdc	400N	50W	17mm/sec	

Operating temperature -10°C +40°C

\*Black and white paintings on request



## Performance Data

### VERSIONS

CODE	PRODUCT	STROKE	RWA
WIN1.1001	Medea S AC 200mm	200mm	-
WIN1.1002	Medea S AC 250mm	250mm	-
WIN1.1011	Medea S DC 200mm	200mm	-
WIN1.1012	Medea S DC 250mm	250mm	-
WIN1.2001	Medea M AC 280mm	280mm	-
WIN1.2002	Medea M AC 380mm	380mm	-
WIN1.2011	Medea M DC 280mm	280mm	RWA
WIN1.2012	Medea M DC 380mm	380mm	RWA
WIN1.3001	Medea L AC 420mm	420mm	-
WIN1.3002	Medea L AC 600mm	600mm	-
WIN1.3011	Medea L DC 420mm	420mm	RWA
WIN1.3012	Medea L DC 600mm	600mm	RWA
WIN1.3013	Medea L DC 835mm	835mm	RWA

many other versions available on request

### ACCESSORIES

CODE	PRODUCT	SIZE
WIN1.9093	Outward Windows Universal Kit	S
WIN1.9094	Inward Windows Universal Kit	S
WIN1.9096	Domer Windows Universal Kit	S
WIN1.9080	Pivoting Bracket Group	S
WIN1.9090	Outward Windows Universal Kit	M / L
WIN1.9092	Inward Windows Universal Kit	M
WIN1.9091	Inward Windows Universal Kit	L
WIN1.9095	Pivoting Bracket Group	L



# TETI 230V & 24V

Rod Electrical Linear Motors

Windows



SIZE	POWER SUPPLY	THRUST FORCE	MOTOR POWER	SPEED	IP
S	230V	200N	160W	30mm/sec	44
M	230V	450N	25W	10mm/sec	55
	24Vdc	450N	22W	10mm/sec	
L	230V	1000N	20W	2,5mm/sec	55
	24Vdc	1000N	16W	2,5mm/sec	

Operating temperature -10°C +40°C

\*Black and white paintings on request





## Performance Data

### VERSIONS

CODE	PRODUCT	STROKE
WIN2.1002	Teti S AC 180mm	180mm
WIN2.1004	Teti S AC 300mm	300mm
WIN2.2001	Teti M AC 200mm	200mm
WIN2.2003	Teti M AC 300mm	300mm
WIN2.2005	Teti M AC 500mm	500mm
WIN2.2010	Teti M DC 200mm	200mm
WIN2.2012	Teti M DC 300mm	300mm
WIN2.2014	Teti M DC 500mm	500mm
WIN2.3006	Teti L AC 70mm	70mm
WIN2.3008	Teti L AC 300mm	300mm
WIN2.3015	Teti L DC 70mm	70mm
WIN2.3017	Teti L DC 300mm	300mm

many other versions available on request

### ACCESSORIES

CODE	PRODUCT	SIZE
WIN2.9101	"T" attachment group bracket	S
WIN2.9102	Front pin for sunshades application	M / L
WIN2.9093	Fitting for snap lock GEZE OL 90	M / L
WIN1.9004	Fitting for snap lock GEZE OL 100	M / L



# DAFNE 230V & 24V

Rack Electrical Linear Motors

Windows



SIZE	POWER SUPPLY	THRUST FORCE	MOTOR POWER	SPEED	IP
S	230V	500N	45W	13mm/sec	55
	24Vdc	500N	27W	13mm/sec	
M Rush	230V	200N	20W	14mm/sec	
	24Vdc	300N	25W	20mm/sec	
L	230V	1000N	39W	7mm/sec	
	24Vdc	1000N	40W	7mm/sec	

Operating temperature -10°C +40°C

\*White paintings on request



## Performance Data

### VERSIONS

CODE	PRODUCT	STROKE
WIN3.1001	Dafne S 180 AC	180mm
WIN3.1002	Dafne S 230 AC	230mm
WIN3.1003	Dafne S 350 AC	350mm
WIN3.1004	Dafne S 550 AC	550mm
WIN3.1005	Dafne S 750 AC	750mm
WIN3.1006	Dafne S 1000 AC	1000mm
WIN3.1011	Dafne S 180 DC	180mm
WIN3.1012	Dafne S 230 DC	230mm
WIN3.1013	Dafne S 350 DC	350mm
WIN3.1014	Dafne S 550 DC	550mm
WIN3.1015	Dafne S 750 DC	750mm
WIN3.1016	Dafne S 1000 DC	1000mm
WIN3.3002	Dafne L 230 AC	230mm
WIN3.3004	Dafne L 550 AC	550mm
WIN3.3006	Dafne L 1000 AC	1000mm
WIN3.3012	Dafne L 230 DC	230mm
WIN3.3014	Dafne L 550 DC	550mm
WIN3.3016	Dafne L 1000 DC	1000mm

many other versions available on request

### GEAR DRIVEN RACK (TANDEM OPERATIONS)

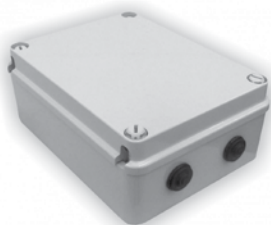


CODE	PRODUCT	SIZE
WIN3.9528	Gear Driven Rack assembly with brackets 180mm	S
WIN3.9538	Gear Driven Rack assembly with brackets 230mm	S
WIN3.9384	Gear Driven Rack assembly with brackets 350mm	S
WIN3.9548	Gear Driven Rack assembly with brackets 550mm	S
WIN3.9550	Gear Driven Rack assembly with brackets 750mm	S
WIN3.9551	Gear Driven Rack assembly with brackets 1000mm	S
WIN3.9793	Gear Driven Rack assembly with brackets 230mm	L
WIN3.9795	Gear Driven Rack assembly with brackets 550mm	L
WIN3.9797	Gear Driven Rack assembly with brackets 1000mm	L
WIN3.9081	Connection Rod 890mm	S / M / L
WIN3.9082	Connection Rod 1140mm	S / M / L
WIN3.9083	Connection Rod 1390mm	S / M / L
WIN3.9084	Connection Rod 1640mm	S / M / L
WIN3.9085	Connection Rod 1890mm	S / M / L
WIN3.9086	Accessories for Connection Rod	S / M / L



# ACCESSORIES

## Windows

### Control Units

PRODUCT	TYPE	TECHNICAL DATA	CODE
	Rhea Tandem	Control Units for two actuators on the same window	WIN9.1001
		For windows over 1,5m width	
		230V	
	Rhea 4 Wi-Fi	Control Units for four actuators	WIN9.1002
		Ready for wireless or wired sensors	
		230V - 400W	
	Rhea 4	Control Units for four actuators	WIN9.1003
		With centralized or group control in low voltage	
		230V - 600W	
	Rhea 2 Wi-Fi	Control Units for two actuators	WIN9.1004
		Ready for wireless or wired sensors	
		230V - 600W	
	Rhea 2	Control Units for two actuators	WIN9.1005
		With centralized or group control in high voltage	
		230V - 500W	
	Rhea Weather Station	Control Unit for one actuator	WIN9.1006
		Wind, rain and sun sensors on board	
		230V - 500W	

Control Units for 24VDC motors available on request

PRODUCT	TYPE	TECHNICAL DATA	CODE
 	Weather Station Wi-Fi	Wind, sun and rain sensors to be coupled with Rhea Wi-Fi Control Unit	WIN9.2001
		230V - 3W	
		433,92Mhz	
	Wind Sensor	Wind sensor to be coupled with Rhea Wi-Fi Control Unit	WIN9.2002
		Wired	
	Sun and Wind Sensor	Sun and wind sensor to be coupled with Rhea Wi-Fi Control Unit	WIN9.2003
		Wired	
 	Wall Remote Control Radio	Wall mounted two channels trasmitter	WIN9.2004
		433,92Mhz	
	Wall Remote Control Wired	Wall mounted two channels trasmitter	WIN9.2005
		Wired	



# SELECTION CHART

## Windows

### Table of applications

APPLICATION	MEDEA	TETI	DAFNE
Top hinged windows	1 motor	1 motor	1 motor
Top hinged windows over 1.5m width	2 motors +Rhea Tandem	2 motors +Rhea Tandem	1 motor +Gear Driven Rack
Bottom hinged windows	1 motor	-	-
Bottom hinged windows over 1.5m width	2 motors +Rhea Tandem	-	-
Domes & roof windows	-	1 motor	1 motor
Domes & roof windows over 1.5m width	-	2 motors +Rhea Tandem	1 motor +Gear Driven Rack
Sunshade & Louvre	-	1 motor	1 motor

**\*IP55 motors needed for external use**

### Load Formula

PRODUCT	PAGE
Top Hinged Windows	$F = \frac{S}{H} \times \frac{W}{2}$
Bottom Hinged Windows	$F = \frac{S}{H} \times \frac{W}{2}$
Horizontal Pivot Windows	$F = \frac{S}{H} \times W$
Domes & Roof Windows	$F = \frac{W + S_n}{2}$

F = Force  
S = Stroke  
H = Height  
W = Weight  
Sn = Snow Load



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# **CONTROL ENTRY WIRELESS**



# PULSAR KIT

Smartphone, gates and doors opener

Control Entry Wireless



## TECHNICAL DETAILS

Power Supply Transformer	110-240V / 50-60Hz
Power Supply Control Unit	8-30Vdc
Output for PC	Serial port RS232
Number of Input / Output	10
Frequency	Quadri-band GSM 850 / 900 / 1800 / 1900Mhz
Working Temperature	-30°C +70°C
Dimension	130mm x 90mm x 37mm
Output Relay	2-60Vdc 5A
Antenna	h=7cm / cable lenght=2m / magnetic fixing

## Gate Details



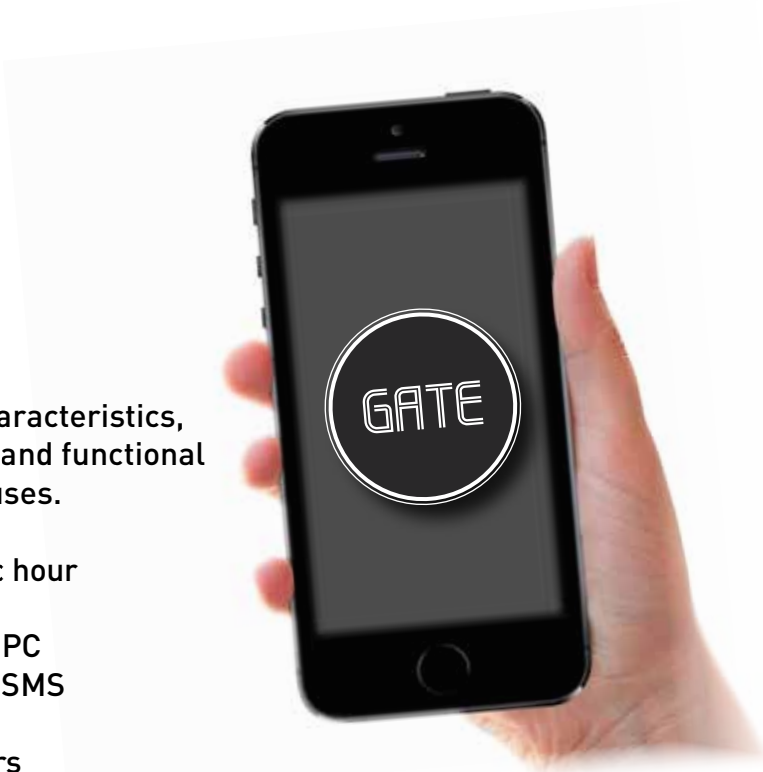
## The ideal solution for many applications

With up to 2000 registered users, **PULSAR KIT** is particularly suitable to:

- Large condos
- Medium and large companies
- Car parks
- Hotels
- Large department stores
- Nautical and sporting clubs
- Hospitals and nursing homes
- Surgeries and shops
- Public administrations

For its security and access control characteristics, **PULSAR KIT** is also an advantageous and functional solution for small companies and houses.

- Can be configured to open, in specific hour ranges, to any number
- Easy and intuitive programming via PC
- Fast and effective programming via SMS
- Remote programming via Internet
- Access allowed only to enabled users
- Larger security with respect to remote controls and RFID
- Specification of the hour ranges enabled for access
- Register the accesses for the last 30 days
- Remote block of all accesses with a SMS
- Programming with password protection
- Just a phone ring from your Smartphone to open your automatic gate
- Can be integrated with any other automatic opening system
- Easy to install
- The call is refused by the system with no costs for the user
- Save up to 2000 remote controls
- Control up to 10 different gates



CODE	PRODUCT	NUMBER OF USERS	DETAILS
CEW1.1001	Pulsar 200 kit	200	Includes: GSM control board, magnetic base antenna, power relay, power supply, management via PC, SMS and internet, software configuration - free download
CEW1.1002	Pulsar 500 kit	500	
CEW1.1003	Pulsar 1000 kit	1000	
CEW1.1004	Pulsar 2000 kit	2000	



# QUASAR KIT

GSM intercom Retrofit Kit

Control Entry Wireless



## TECHNICAL DETAILS

Power Supply Transformer	110-240V / 50-60Hz
Power Supply Control Unit	8-15Vdc
Number of Output	4
Frequency	Quadri-band GSM 850 / 900 / 1800 / 1900Mhz
Working Temperature	-30°C +70°C
Control Unit Dimensions	130mm x 90mm x 37mm
Interface Circuit Dimensions	128mm x 108mm
Output Relay	220V - 1A
Antenna	h=7cm / cable lenght=3m

## Intercom Details





## The ideal solution for many applications

**QUASAR KIT** is particularly suitable to:

- Companies and factories
- Parking lots and garages
- Construction sites
- Unguarded service areas
- Hotels, Bed & Breakfast and campings
- Sporting and recreational clubs
- Condominiums
- Residential homes
- Clinics, hospitals and ambulatories
- Agricultural estates and farms

Advantages than traditional intercom systems

### 1) "Remote gate"

- Possibility to install an intercom in locations with high wiring costs
- The external intercom requires only the power supply

### 2) "Nobody at home"

- Possibility to speak anywhere with the person at the door bell
- The called number can be any Smartphone

### 3) "Out of range"

- Possibility to answer even from remote or noisy areas



CODE	PRODUCT	NUMBER OF UNITS	DETAILS
CEW1.5001	Quasar 1 kit	1	Includes: GSM control board, magnetic base antenna. Power supply, interface circuit, GPIO and RJ9 cables, management via PC, SMS and internet, software configuration - free download
CEW1.5002	Quasar 2 kit	2	
CEW1.5003	Quasar 3 kit	3	
CEW1.5004	Quasar 4 kit	4	



# QUASAR B

GSM intercom

Control Entry Wireless



In-Box Series



Wall Series

## TECHNICAL DETAILS

Power Supply Transformer	110-240V / 50-60Hz
Power Supply Control Unit	8-15Vdc
Maximum number of buttons	16
Frequency	Quadri-band GSM 850 / 900 / 1800 / 1900Mhz
Working Temperature	-30°C +70°C
Control Unit Dimensions	130mm x 90mm x 37mm
Interface Circuit Dimensions	128mm x 108mm
Output Relay	220V - 1A
Antenna	h=7cm / cable lenght=3m

## Intercom Details



## The ideal solution for many applications

Advantages than traditional intercom systems

### 1) "Remote gate"

- Possibility to install an intercom in locations with high wiring costs
- The external intercom requires only the power supply

### 2) "Nobody at home"

- Possibility to speak anywhere with the person at the door bell
- The called number can be any Smartphone

### 3) "Out of range"

- Possibility to answer even from remote or noisy areas



CODE	PRODUCT	NUMBER OF BUTTONS	DETAILS
CEW2.1001	Quasar B 1	1	<b>WALL SERIES</b> Includes: Quasar Kit, Speech Unit , Entrance Panel, RainProof Cover, Surface Wall Mounted Back Box
CEW2.1002	Quasar B 2	2	
CEW2.1004	Quasar B 4	4	
CEW2.1006	Quasar B 6	6	
CEW2.1008	Quasar B 8	8	
CEW2.1010	Quasar B 10	10	
CEW2.1014	Quasar B 14	14	
CEW2.1016	Quasar B 16	16	
CEW2.2001	Quasar B 1	1	<b>IN-BOX SERIES</b> Includes: Quasar Kit, Speech Unit , Entrance Panel, Surface Wall Mounted Back Box
CEW2.2002	Quasar B 2	2	
CEW2.2004	Quasar B 4	4	
CEW2.2006	Quasar B 6	6	
CEW2.2008	Quasar B 8	8	
CEW2.2010	Quasar B 10	10	
CEW2.2014	Quasar B 14	14	
CEW2.2016	Quasar B 16	16	



# QUASAR K

GSM intercom

Control Entry Wireless



Without Name Plate



With Name Plate



TECHNICAL DETAILS	
Power Supply Transformer	110-240V / 50-60Hz
Power Supply Control Unit	8-15Vdc
Maximum number of buttons	16
Frequency	Quadri-band GSM 850 / 900 / 1800 / 1900Mhz
Working Temperature	-30°C +70°C
Control Unit Dimensions	130mm x 90mm x 37mm
Interface Circuit Dimensions	128mm x 108mm
Output Relay	220V - 1A
Antenna	h=7cm / cable lenght=3m

## Intercom Details



CODE	PRODUCT	NUMBER OF USERS	DETAILS
CEW3.1005	Quasar K 50	50	<b>WALL SERIES</b> Includes: Quasar Kit, Numeric Plate, Digital Keypad
CEW3.1010	Quasar K 100	100	
CEW3.1020	Quasar K 200	200	
CEW3.1030	Quasar K 300	300	
CEW3.1040	Quasar K 400	400	
CEW3.1050	Quasar K 500	500	
CEW3.1100	Quasar K 1000	1000	

CEW3.2015	Quasar K 15 NM	15	<b>WALL SERIES - NAME PLATE</b> Includes: Quasar Kit, Numeric Plate, Digital Keypad, and NamePlate
CEW3.2030	Quasar K 30 NM	30	
CEW3.2060	Quasar K 60 NM	60	
CEW3.2090	Quasar K 90 NM	90	
CEW3.2150	Quasar K 150 NM	150	
CEW3.2240	Quasar K 240 NM	240	
CEW3.2330	Quasar K 330 NM	330	

CEW3.3005	Quasar K 50	50	<b>IN-BOX SERIES</b> Includes: Quasar Kit, Numeric Plate, Digital Keypad
CEW3.3010	Quasar K 100	100	
CEW3.3020	Quasar K 200	200	
CEW3.3030	Quasar K 300	300	
CEW3.3040	Quasar K 400	400	
CEW3.3050	Quasar K 500	500	
CEW3.3100	Quasar K 1000	1000	

CEW3.4015	Quasar K 15 NM	15	<b>IN-BOX SERIES - NAME PLATE</b> Includes: Quasar Kit, Numeric Plate, Digital Keypad, and NamePlate
CEW3.4030	Quasar K 30 NM	30	
CEW3.4060	Quasar K 60 NM	60	
CEW3.4090	Quasar K 90 NM	90	
CEW3.4150	Quasar K 150 NM	150	
CEW3.4240	Quasar K 240 NM	240	
CEW3.4330	Quasar K 330 NM	330	



# NOTES

[illegible]



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# GENERAL CONDITIONS OF SALE

Both Parties agree that all sales of products (hereinafter "Products") made by Oxygen Automation srl, with headquarters in Bologna, Italy (hereinafter "Oxygen") to customers (hereinafter the "Customer") are regulated by these General Conditions, being an integrating part of the contract existing between the parties and replacing any other different clause contained in previous agreements, in the order (hereinafter "the Order") or in any other document coming from the Customer.

## Orders and Order Confirmation

Oxygen reserves the right to accept, refuse or modify, wholly or partially, the Customer's Order, according to availability of stock and current production capacity, in conformity with these General Conditions. Should Oxygen modify the Order made by the Customer, the modified Order shall have the value of a new offer and must be accepted in writing by the Customer, also by fax, otherwise the Order will be cancelled. It remains agreed that, in any case, the lack of an explicit Order Confirmation from Oxygen (hereinafter, the "Order Confirmation") shall not be considered as a tacit acceptance of said Order. In compliance with these General Conditions, Orders may not be, under any circumstances or in any way, cancelled or modified, either wholly or partially by the Customer once Oxygen has dispatched the Order Confirmation unless otherwise agreed between the Parties. Should the order be cancelled, wholly or partially, after Oxygen has dispatched the Order Confirmation, as in the case that the Customer refuses to collect the ordered goods, Oxygen shall have the right to obtain payment from the Customer of the full price of the ordered goods, as well as a right to major damages.

## Prices

Oxygen sells and the Customer buys at the prices indicated in the Oxygen General Price List (hereinafter the "Price List"), always intended ex works and exclusive of VAT (hereinafter the "Price" or the "Prices"). The Customer shall pay the General Price List in force on the date of each delivery of Products to the Customer. Each new Oxygen Price List cancels and replaces all those previous, as from the date on which it is adopted. The Customer undertakes to accept, unconditionally, all changes to the Price List made between the date of each Order and the date of the relative delivery.

## Payment Conditions

Unless otherwise agreed in writing by the Parties, the Price shall be paid according to the terms and conditions stated in the Oxygen invoice. In absence of such indication in the invoice or different written agreement between the Parties, payments are to be made 100% in advance or by means of Irrevocable Letter of Credit (issued and confirmed by International Leading Bank). Payments are to be made by means of bank transfer or bank remittance. Lack of payment of the Price before shipment of the Products shall automatically block and/or cancelled the Order without the need of any communication or the placing in the fault of the Customer by Oxygen. In these cases, Oxygen shall have right to the integral reimbursement of costs borne to recover any sums not punctually received, save, in any case, the refunding of major damages. Notwithstanding the above, in the case of split-delivery Orders, should the Customer delay payment, even for one delivery or a part of it, with respect to the forecast expiry, Oxygen shall have the right to suspend further deliveries until the whole outstanding sum has been paid, without prejudice to the right to cancel the contract in compliance with the following point 12.

## Delivery Terms

Delivery terms of Products are those indicated in Oxygen's Order Confirmation. The Products are sold ex-works (Ex-W), from the factory and/or warehouse of Oxygen Partners Ltd. or a secondary branch which will be indicated to the customer each time. Oxygen fulfils the obligation to deliver the Products by consigning the same to the carrier. Oxygen shall be considered free of this obligation in all cases where consignment to the carrier has become impossible or exceedingly expensive, due to major force or unforeseen circumstances such as for example: strikes, earthquakes, floating, wars or terrorist attacks, massacres, no raw material availability or any other event outside Oxygen's control. The Parties expressly agree that a simple delay in delivering the Products does not attribute any right to the Customer to request cancellation of the contract or to refuse collection of the Products, or not to pay the relative Price. On his side, the Customer undertakes to do all the necessary to collect the goods once they are available. For any delays on the Customer's part in collecting the goods Oxygen shall have the right, further to payment of the Price, to payment of costs connected with the storage of the goods in Oxygen warehouses, third-party warehouses, or those of the carrier, save, in any case, the right to refunding of any damages. Furthermore, if the Products are collected late, the Customer personally assumes all risks for any damage deriving from storage of the goods, be it in Oxygen warehouses, those of appointed third parties, or the carrier.

## Deliveries

Unless otherwise agreed in writing, Oxygen, in the name and on behalf of the Customer, will name a trusted carrier or a carrier indicated by the Customer to deliver the Products, and the cost will be included each time in the invoice to the Customer. In any case, should the Product be stolen, lost or damaged, even partially, during transport and the events not directly caused by Oxygen, the Customer shall be liable to pay the whole Price to Oxygen, save the right to take action against the carrier and /or the third party resulting to be responsible. Save the responsibilities of the appointed carrier, all risks linked with the transport of the Products from the Oxygen factory to the Customer's address or the place indicated by the Customer for delivery shall remain entirely to the Customer's charge. Unless otherwise agreed between the Customer and Oxygen, deliveries are not covered by any insurance policy other than the policy eventually stipulated by the carrier.

## **Warranties**

Oxygen guarantees that the Products in the General Price List have been accurately manufactured, tested and inspected according to Oxygen standard and GMP. Furthermore, Oxygen supplies the Customer with a warranty for the Products against manufacturing faults for a period of 24 (twenty-four) months from the date of delivering (invoice date) the Products. Warranty will be granted to the final user and will be exclusively managed from the seller of the Product in compliance with European Directive 99/44/EC. The period of the warranty shall be extended to 36 (thirty-six) months or more in case the Customer-Seller agreed to the Oxygen customer program. The warranty will be honored by Oxygen after the presentation of a fiscally valid document (invoice) relative to the sale of the Products to the Customer and the relative transport document. The defect and/or malfunction must be reported by the Customer to Oxygen in writing (also by fax) within a maximum limit of 30 (thirty) days from the date of its discovery, otherwise the warranty will not be valid. The figured defects must be immediately reported in the delivery moment, otherwise the warranty will not be valid. By effect of the warranty, the seller must identify the defect and, where is possible, proceed with repair or the replacement of the faulty Products or components and the payment of the costs concerning the replacing (transport, replacement work). When the detected non conformity is due to Oxygen manufacturing process, the Customer-seller shall be allowed to the right of refunding against Oxygen. However, Oxygen warranty will not be valid in cases of damage, malfunctions or faults deriving from the incorrect installation of the Products differing from the indications given in the appropriate instructions for installation, supplied each time with the Products, as well as the relative standards in force at the time of installation and the general safety rules applied to this sector. Oxygen declines equally all responsibility for the non-observance, by the Customer or other user of the Products, of the safety standards and good rules of practice for the use and maintenance of said Products. It is agreed that the Oxygen warranty shall not be valid in all cases in which the Products are not installed by qualified staff (who issue a suitable certificate) and in all cases in which the Products are installed and/ or used with accessories, complementary automotive articles, non-original mechanical or electronic parts supplied by other parties. Finally, it is expressly agreed that Oxygen shall not be responsible toward the Customer or third parties for any indirect, accidental or consequent damage suffered by the latter, including, purely for example, loss of production, reduced profits, loss of concluded contracts, waiver of commercial opportunities.

## **Split-delivery sales**

When deliveries of sold Products are split, the ownership of the goods is transferred to the Customer only after the Price, relative to the supplied Products, have been paid. It is agreed that, however, the Customer assumes all risks relative to the Products as from the time of delivery, even when the goods have already been delivered, in compliance with previous article 4.

## **Brands and Industrial property**

Oxygen guarantees its ownership of the brand Oxygen Automation and its branded products or, in any case, to fully and freely own the registered brands that distinguish the Products. All persons are therefore forbidden to remove, cancel, integrate, alter in any way or replace with others, the brands, marks and other distinguishing signs applied to the Products, to their components or on their packaging. Unless authorized in writing by Oxygen, all persons are expressly forbidden to reproduce (wholly or partially) the brands and any other distinguishing marks owned by Oxygen, nor may they use them in any other way for their own purposes or those of third parties. The Customer and other third parties are forbidden to reproduce, copy or imitate in any way the Products patented by or on behalf of Oxygen or protected by other rights of industrial or intellectual property in favor of Oxygen.

## **Privacy**

Both parties undertake to apply all the measures necessary to adequately safeguard privacy of information received regarding or due to the supply of the Products.

### **Governing Law and Competent Court**

These General Conditions and contractual terms for the sale of the Products are subject to European Law. Any controversy arising with reference to the interpretation and application of the General Conditions, as well as the execution of supply governed by the same, shall be referred to International Chamber of Commerce of Paris.

## **Modification to General Conditions**

Possible modifications of the General Conditions shall be effective unless previously agreed between the Parties in writing.

## **Resolute and Final Clause**

In the case of non-fulfillment of the obligation to pay the Price as stated in previous articles 2 and 3, or in the absence of collection of the Products by the Customer, Oxygen may send the defaulting Party notice to comply, by either registered mail or telefax. After a fruitless period of 15 (fifteen) days from the date of notice without any effect, Oxygen shall consider cancelled the contract regulated by the General Conditions. In conformity with the Law, Oxygen shall also have the right to request cancellation of the contract if the Customer is declared bankrupt or submitted to any other legal procedure and/or put into liquidation. The invalidity and/or the inefficiency of one or part of the clauses in these General Conditions do not render invalid or inefficient any of the others. The partial or delayed exercise of any right, power or faculty foreseen in these General Conditions do not constitute the waiver of either Party with regard to the same. The Customer agrees of having viewed and expressly accepted the clauses contained in articles 3) Payment; 4) Delivery Terms; 6) Warranties; 7) Split-delivery sales; 10) Governing Law of these General Conditions of Sale.

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**OXYGEN AUTOMATION Srl**  
40100 Bologna (Italy)  
[info@oxygenautomation.com](mailto:info@oxygenautomation.com)  
[www.oxygenautomation.com](http://www.oxygenautomation.com)