NICE FAB FAMILY.
STRONG, RELIABLE, INVISIBLE.

THE NEW FAMILY OF UNDERGROUND MOTORS FOR SWING GATES OF ALL SIZES. SO DISCRETE NOT BE SEEN.
NICE FAB FAMILY, THE RENEWED RANGE OF MOTORS FOR SWING GATE AUTOMATIONS WITH UNDERGROUND INSTALLATION.

SMALL OR LARGE, CHOOSE THE AUTOMATION MODEL THAT BEST SUITS YOUR GATE. WITH EVEN MORE RESISTANT FOUNDATION BOXES.

X-FAB
For swing gates with leaves up to 2.3 m, the most compact. Irreversible electromechanical 24 Vdc gear motor, ideal for intensive use.

UP TO 2.3 M

M-FAB
For swing gates with leaves up to 3 m. Irreversible electromechanical gear motor, also available in 24 Vdc version, with magnetic encoder.

UP TO 3 M
L-FAB
For swing gates with leaves up to 4 m. Irreversible electromechanical gear motor, also available in 24 Vdc version with magnetic encoder and mechanical stops.

UP TO 4 M

BIG-FAB
For swing gates with leaves up to 5 m. Irreversible electromechanical gear motor, 24 Vdc with magnetic encoder and mechanical stops.

UP TO 5 M
For swing gates with leaves up to 2.3 m, underground installation, ultra compact. Irreversible electromechanical 24 Vdc gear motor, ideal for intensive use.

Sturdy and discreet: compact foundation box with a height of only 81 mm. Steel with cataphoresis paint finish guarantees optimal resistance to corrosion, and thickness of 2.5 mm guarantees strength. All this in just 52 mm of protrusion from the ground.

Practical and quick installation thanks to the exit lever on the gear motor attached directly on the leaf.

Opening up to 180° as standard.

Reliable and sturdy: the gear motor, in IP67 pressure die cast aluminium, suspended inside the housing to enable drainage of any deposits, ensures optimal water resistance.

Load-bearing foundation box with adjustable mechanical stops on opening and closing: the gear motor can also be installed later as required.

Practical release easy to operate from inside and outside, acting directly on the gear motor, easy to operate by means of the special key.

XME2024, compatible with the control unit Moonclever MC424L, and for operation with Solemyo system:
- simple programming via a single key;
- memorisation of opening and closing limit positions in self-learning mode;
- pause time programming;
- pass door;
- deceleration on opening and closing;
- obstacle detection;
- provision for connection of latest generation sensitive edges;
- operation in event of power failure by means of optional rechargeable batteries (PS124) with compartment in control unit.

XME2124 with magnetic encoder, compatible with control unit Moonclever MC824H, with BlueBUS technology, and compatible for operation with Solemyo and Opera systems:
- simple programming via a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- with output for courtesy light and maintenance indicator;
- speed settings on 5 levels;
- separate and configurable inputs for Step by Step, Open and Close;
- pause time programming;
- pass door;
- deceleration on opening and closing;
- obstacle detection dual technology;
- provision for connection of latest generation sensitive edges;
- operation in event of power failure by means of optional rechargeable batteries (PS324) with compartment in control unit.

<table>
<thead>
<tr>
<th>TECHNICAL SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CODE</td>
</tr>
<tr>
<td>ELECTRICAL DATA</td>
</tr>
<tr>
<td>POWER SUPPLY (Vdc)</td>
</tr>
<tr>
<td>ABSORPTION (A)</td>
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<tr>
<td>POWER (W)</td>
</tr>
<tr>
<td>PERFORMANCE DATA</td>
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<tr>
<td>SPEED (rpm)</td>
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<tr>
<td>TORQUE (Nm)</td>
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<tr>
<td>WORK CYCLE (CYCLES/HOUR)*</td>
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<tr>
<td>DIMENSIONAL AND GENERAL DATA</td>
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<tr>
<td>PROTECTION LEVEL (IP)</td>
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<tr>
<td>WORKING TEMP. (°C MIN/MAX)</td>
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<tr>
<td>DIMENSIONS (mm)</td>
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<tr>
<td>WEIGHT (kg)</td>
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</table>

* The indicated value has to be halved if the opening is up to 180°.

WATERPROOF WITH IP67 PROTECTION RATING
The XMFetro2024KCE kit contains:

- XME2124: 2 gear motors.
- XMBOX: 2 foundation boxes.
- ONZE: 1 transmitter 433.92 MHz, 2 channels.
- MC424L: 1 control unit with OXI plug-in receiver.
- M0F: 1 pair of photocells for outdoor installation.
- MOSE: 1 key selector switch for outdoor installation.
- ML24T: 1 flashing light with integrated aerial.
- TS: 1 signboard.

The XMFetro2124KCE kit contains:

- XME2124: 2 gear motors.
- XMBOX: 2 foundation boxes.
- ONZE: 1 transmitter 433.92 MHz, 2 channels.
- MC824H: 1 control unit with OXI plug-in receiver.
- MOBF: 1 couple of external photocells designed for connection by Nice bluebus.
- MOSE: 1 key selector switch for outdoor installation.
- ML0T: 1 flashing light with integrated aerial.
- TS: 1 signboard.
For swing gates with leaves up to 3 m, underground installation.
Irreversible electromechanical gear motor, also available in 24 Vdc version with magnetic encoder.

3 types of electromechanical M-Fab gear motors.

Foundation boxes externally chamfered, Fab Box, with mechanical stop on opening:
- in stainless steel (MECX), ideal for use in extreme conditions,
- with cataphoresis paint finish (MECF), highly resistant to corrosion.

**Reliable and resistant**: motors made up of solid internal parts in metal. New IP67 waterproof die cast aluminium.

**Total freedom of choice**: release from inside and outside, two key-operated models or freely compatible lever version and easily activated with just one hand.

**Simple to use**: mechanical stop system on closure. Standard opening max. 110°, optional opening 360°.

**Totally compatible** with the previous Metro series.

**Recommended control units**: Mindy A6F, A60, A700F; for ME3024 Moonclevér MC824H.

24 Vdc version with magnetic encoder.

**Perfect for intensive use**, compatible with the control unit Moonclevér MC824H:
- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>PACK/PALLET</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME3024</td>
<td>IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE</td>
<td>18</td>
</tr>
<tr>
<td>ME3000</td>
<td>IRREVERSIBLE, 230 Vac, HIGH SPEED, GREASE LUBRICATION, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE</td>
<td>18</td>
</tr>
<tr>
<td>ME3000L</td>
<td>IRREVERSIBLE, 230 Vac, LOW SPEED, GREASE LUBRICATION, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE</td>
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**NOTE:** key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

**More reliability and resistance**

**Waterproof, with IP67 protection rating**

**Externally chamfered Fab Box**

**Reliable and resistant**

**Total freedom of choice**

**Simple to use**

**Totally compatible**

**Recommended control units**

**24 Vdc version** with magnetic encoder.

**Perfect for intensive use**, compatible with the control unit Moonclevér MC824H:

- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
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- provision for connection of latest generation resistive sensitive edges.

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<td>IRREVERSIBLE, 230 Vac, HIGH SPEED, GREASE LUBRICATION, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE</td>
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**NOTE:** key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

**More reliability and resistance**

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**Simple to use**

**Totally compatible**

**Recommended control units**

**24 Vdc version** with magnetic encoder.

**Perfect for intensive use**, compatible with the control unit Moonclevér MC824H:

- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

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<td>18</td>
</tr>
</tbody>
</table>

**NOTE:** key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.
For swing gates with leaves up to 4 m, underground installation.
Irreversible electromechanical gear motor, also available in 24 Vdc version with magnetic encoder and mechanical stops.

Foundation boxes with mechanical stop on opening:
- In stainless steel (BMBOX4I), ideal for use in extreme conditions,
- With cataphoresis paint finish (BMBOX4), highly resistant to corrosion.

Maximum freedom of choice: release from inside or outside, two key or lever operated models, freely combinable and easy to operate with just one hand.

Simple installation: built-in mechanical stop system on closure.
Standard opening to 110°, or optional 360°.
Ideal for intensive use, BM4024 model is compatible with the control unit Moonclever MC824H with BlueBUS technology, Solemyo and Opera systems:
- Simple programming via a single key;
- Self-learning of travel limits on opening and closing;
- Self-diagnostics of faults;
- Programming of pause time;
- Pass door;
- Deceleration on opening and closing;
- Dual technology obstacle detection;
- Operation in the event of a power failure with optional rechargeable batteries (PS324);
- Provision for connection of latest generation sensitive edges.
BM4000 model is compatible with the control units A6f and A60.

TECHNICAL SPECIFICATIONS

<table>
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<tr>
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<tbody>
<tr>
<td>BM4000</td>
<td>IRREVERSIBLE 230 Vac WITH BUILT-IN MECHANICAL STOPS ON CLOSING</td>
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<tr>
<td>BM4024</td>
<td>IRREVERSIBLE 24 Vdc, WITH MAGNETIC ENCODER, WITH MECHANICAL STOPS ON CLOSING</td>
<td>18</td>
</tr>
<tr>
<td>BMBOX4</td>
<td>FOUNDATION BOX WITH CATAPHORESIS PAINT FINISH FOR BM4000 AND BM4024</td>
<td>18</td>
</tr>
<tr>
<td>BMBOX4I</td>
<td>STAINLESS STEEL FOUNDATION BOX FOR BM4000 AND BM4024 WITH BUILT-IN MECHANICAL STOP ON OPENING. COMPLETE WITH LEAF COUPLING LEVER</td>
<td>18</td>
</tr>
</tbody>
</table>

NOTE: key release mechanism, freely compatible with selection of models M6A2 and M6A3 motor.

BMA2 - ACCESSORY
Adaptors for a dual motor automation, compatible with the majority of foundation boxes on the market.
PC/Pack, 4

Foundation box
- Weight (Kg) 14.6

Utilisation limits: BM4000 - BM4024

Dimensions

The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side. Use in windy areas 230 Vac models.
For swing gates with leaves up to 5 m, underground installation.
Irreversible electromechanical gear motor, 24 Vdc with magnetic encoder and mechanical stops.

Chamfered foundation boxes with mechanical stop on opening:
- in stainless steel (BMBOXI), ideal for use in extreme conditions,
- with cataphoresis paint finish (BMBOX), highly resistant to corrosion.

Maximum freedom of choice: release from inside or outside, two key or lever operated models, freely combinable and easy to operate with just one hand.

Simple to use: mechanical stop system on closure. Standard opening to 110°, or optional 360°.

Ideal for intensive use, compatible with the control unit Moonclever MC824H:
- simple programming via a single key;
- self-learning of travel limits on opening and closing;
- self-diagnostics of faults;
- programming of pause time;
- pass door;
- deceleration on opening and closing;
- dual technology obstacle detection;
- operation in the event of a power failure with optional rechargeable batteries (PS324);
- provision for connection of latest generation sensitive edges.

CODE | DESCRIPTION | PACK/PALLET
---|---|---
BMS24 | IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, WITH MECHANICAL STOPS ON CLOSING | 18

CODE | DESCRIPTION | PACK/PALLET
---|---|---
BMBOX | FOUNDATION BOX, WITH CATAPHORESIS PAINT FINISH, WITH BUILT-IN MECHANICAL STOPS ON OPENING | 18

BMBOXI | STAINLESS STEEL FOUNDATION BOX, WITH BUILT-IN MECHANICAL STOPS ON OPENING | 18

NOTE: key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

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<tr>
<td></td>
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<tr>
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<td>POWER (W)</td>
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<td>SPEED (rpm)</td>
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<td>TORQUE (Nm)</td>
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<td>WORK CYCLE (CYCLES/HOUR)*</td>
<td>WORK CYCLE (CYCLES/HOUR)*</td>
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<td>PROTECTION LEVEL (IP)</td>
<td>PROTECTION LEVEL (IP)</td>
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<td>67</td>
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<tr>
<td></td>
<td>WORKING TEMP. (°C Min/Max)</td>
<td>WORKING TEMP. (°C Min/Max)</td>
</tr>
<tr>
<td></td>
<td>-20 ÷ +50</td>
<td>-20 ÷ +50</td>
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<tr>
<td></td>
<td>DIMENSIONS (mm)</td>
<td>DIMENSIONS (mm)</td>
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<td>400x325x152 h</td>
<td>400x325x152 h</td>
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<tr>
<td></td>
<td>WEIGHT (kg)</td>
<td>WEIGHT (kg)</td>
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<tr>
<td></td>
<td>13.3</td>
<td>13.3</td>
</tr>
</tbody>
</table>

* The indicated value has to be halved if the opening is up to 180° – by using the BMA1 accessory.

BMA2 - ACCESSORY
ADAPTERS FOR A DUAL MOTOR AUTOMATION, COMPATIBLE WITH THE MAJORITY OF FOUNDATION BOXES ON THE MARKET. PC/PACK. 4

The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side. Use in windy areas 230 Vac models.
ACCESSORIES FAB RANGE

ACCESSORIES COMPLIANT WITH ALL FAB RANGE MOTORS

PS324
24 V BATTERY
WITH INTEGRATED
BATTERY CHARGER.
FOR MEB924H.
PC/PACK 1

PLA10
VERTICAL 12 V
ELECTRIC LOCK.
PC/PACK 1

PLA11
HORIZONTAL 12 V
ELECTRIC LOCK.
PC/PACK 1

TS
SIGNBOARD.
PC/PACK 1

MEA2
KEY UNLOCK SYSTEM.
PC/PACK 1

MEA3
LEVER-TYPE KEY UNLOCK SYSTEM TO USE WHEN SYSTEM IS INSTALLED ON SURFACES SUCH AS SAND OR EARTH.
PC/PACK 1

MEA5
LEVER-TYPE UNLOCK KEY FOR MEA3.
PC/PACK 4

BMA1
ACCESSORY FOR OPENING UP TO 360° FOR GATES MAX. 3.5 m IN LENGTH.
PC/PACK 1

FOR L-FAB AND BIG-FAB

FOR M-FAB

MEA2
KEY UNLOCK SYSTEM.
PC/PACK 1

MEA3
LEVER-TYPE KEY UNLOCK SYSTEM TO USE WHEN SYSTEM IS INSTALLED ON SURFACES SUCH AS SAND OR EARTH.
PC/PACK 1

MEA5
LEVER-TYPE UNLOCK KEY FOR MEA3.
PC/PACK 4

MEAN
ACCESSORY FOR OPENING UP TO 360° FOR GATES MAX. 2.5 m IN LENGTH.
PC/PACK 1

FOR X-FAB

MEA1
ACCESSORY FOR OPENING UP TO 360° FOR GATES MAX. 2.5 m IN LENGTH.
PC/PACK 1

PS124
24 V BATTERY
WITH INTEGRATED
BATTERY CHARGER.
FOR MCA424L.
PC/PACK 1
THE STRENGTH OF THE SUN, THE INTELLIGENCE OF WIRELESS TECHNOLOGY.

THANKS TO THE NICE WIRELESS AND SOLAR SYSTEM, THE INSTALLATION BECOMES SIMPLE AND FLEXIBLE; USE GOES ECOLOGICAL WITHOUT RENOUNCING SAFETY. NO NEED FOR WIRING: IDEAL DURING CURRENT OR FUTURE RESTORATION WORKS.
Photocells and flashing lights all acquire a new function: power is supplied by means of a built-in miniature solar panel. The solar panel powers rechargeable batteries to ensure independent operation of the automation system in any conditions.

**EVER-MORE ELEGANT AND DISCRETE INSTALLATIONS**

- **Era Light Solemyo**, Flashing signal light.
- **LLW**, wireless flashing light with built-in photovoltaic panel. Pc./pack. 1
- **Solemyo Kit**, the solar power kit for the automation of gates, installable anywhere with no connections or excavations, even in the most remote places or difficult to access with mains electricity.
  
  More information in the Nice Gate&Door.
- **Era Photocell Solemyo**, photocell.
- **PHW**, pair of wireless photocells with built-in photovoltaic panel. Pc./pack. 1
- **Era Post Solemyo**, Solemyo Era Photocell post.
  
  **PPH1**, photocell post, h. 50 cm. Pc./pack. 1
  
  **PHWA1**, pair of adapters for PHW on PPH1 posts. Pc./pack. 1
NICE TOTAL CONTROL
INTEGRATED SOLUTIONS FOR THE HOME.
EASE OF USE, AESTHETIC QUALITY, SAFETY.

NICE KEEPS THE HOME UNDER CONTROL WITH JUST A FEW, SIMPLE GESTURES. THANKS TO THE NEW ERA TOUCH CONTROL UNIT, AUTOMATIONS FOR GATES, GARAGE DOORS AND ROLLING DOORS, AWNINGS AND SHUTTERS CAN ALL BE MANAGED THROUGH A SINGLE SUPPORT, AS LIGHTING AND ALARM SYSTEMS.

NICE IS INNOVATIVE SOLUTIONS THAT SIMPLIFY LIFE.

Find out more about Nice products and services on the website: www.niceforyou.com