lominck international
partner in innovation

Product Specification

Battery Charging Locker

LMS1/LMS2/LMS3/LMS4/LMS5/LMS6/LMS7/LMS8

Mobiliteitsoplossingen - Mobility Solutions - Mobilitätslösungen - Solutions de Mobilité
Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

Charging Locker for bicycle batteries

The principle of the Battery Charging Locker is based on a basic module with 1 (*LMS1*), 2 (*LMS2*) or 4 individual lockable compartments *(LMS4)*, in which bicycle batteries, and possibly other small battery-based products, such as smart phones or tablets, can be protected and charged safely.

These basic modules can be placed on the ground, but can also be mounted onto walls. The basic modules can be extended into a configuration with 3, 5, 6, 7 or 8 individual charging compartments (LMS3/5/6/7/8).

Each separate compartment is equipped with a socket (230V). The dimensions of the compartments are designed to fit to standard batteries, including chargers.

The Battery Charging Locker is made of Stainless Steel 304 and high-quality digital pincode locks. The standard version the Battery Charging Locker is suitable for placement at indoor locations. Optionally the charging locker can be delivered with water-resistant digital pincode locks, so that the lockers can also be placed at sheltered outdoor locations. Optionally, a coin-, turn- or RFIDlock is available.

Placement (on floor or mounted to wall)

The Battery Charging Locker must be placed on a stable and preferably levelled surface. The Battery Charging Locker has adjustable feet, meaning it can be levelled/placed in a stable position. Optionally, special feet can be supplied with which the loading locker can be fixed to the ground. The basic module can also be mounted to the wall.

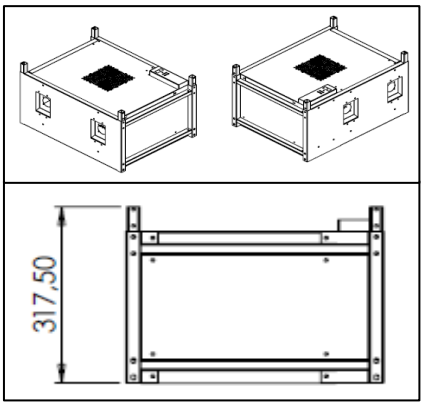
Elevation frame

Optionally, the BatteryChargingLocker (*LMS1 until LMS6*) can be placed on a stainless steel (RVS304) elevation frame so that the lower charging compartments are more accessible. The elevation frame can be leveled with adjustable feet. Optional, and at additional costs, adjustable feet can be supplied with which the elevation frame can be fixed to the ground.

Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

External charging module

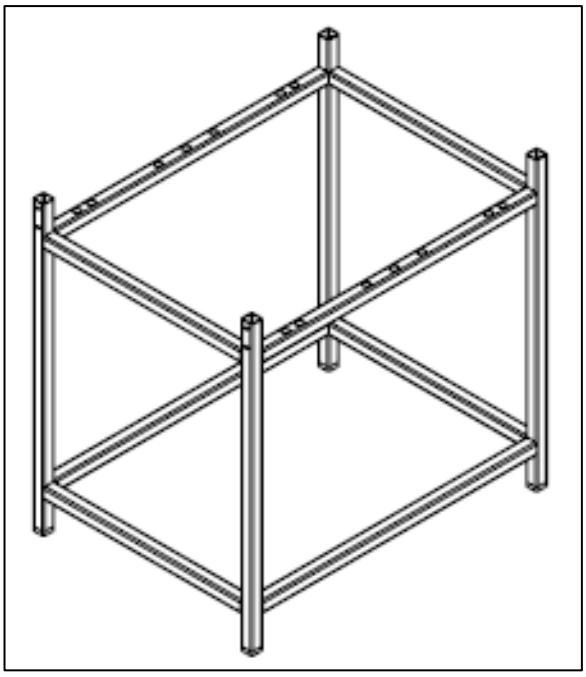
In the knowledge that some bicycle batteries are integrated in the bicycle frame and therefore cannot be disconnected from the bicycle, the BatteryChargingLocker is optionally expandable with an external charging module, which is equipped with 2 charging points on both sides (a total of 4 charging points).



Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

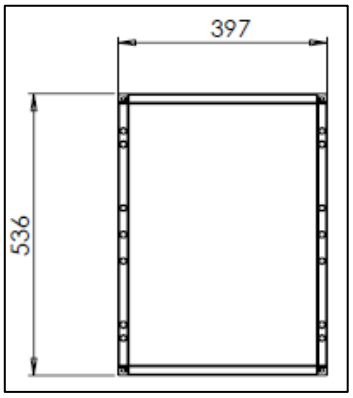
Specifications *Elevation frame*:

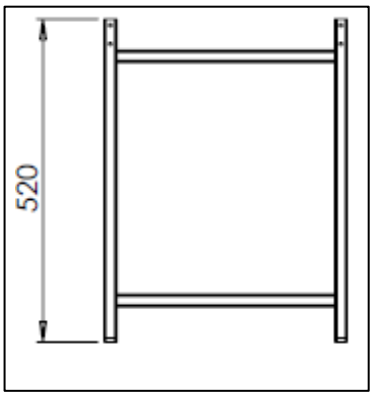
- Dimensions (DxWxH): 536x397x520mm
- Material: Stainless Steel 304 (20x20x1,5mm)



Floor fixation feet

Standard feet

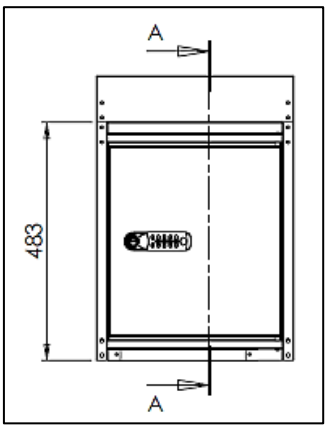


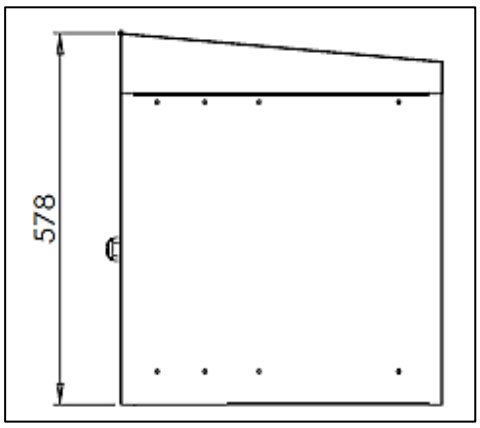


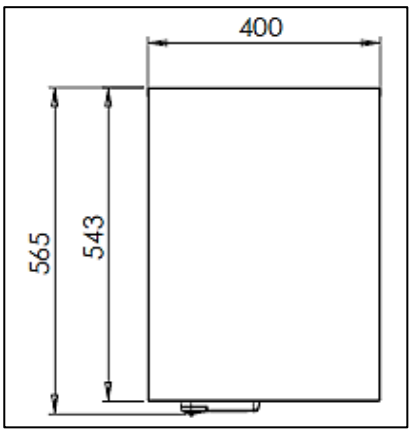
Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

Specifications *basic module* (*LMS1*):

- Dimensions (DxWxH): 543x400x483mm
- Compartment dimensions (DxWxH): 493x398x418mm
- Door opening dimensions (WxH): 355x249mm
- 1 individual lockable compartment
- Plug for 230V/16A power supply
- 1x230V sockets
- Material: Stainless Steel 304 (panels: 1mm, door: 1,5mm)
- Air circulation



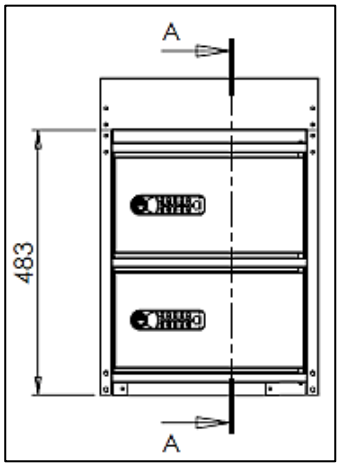


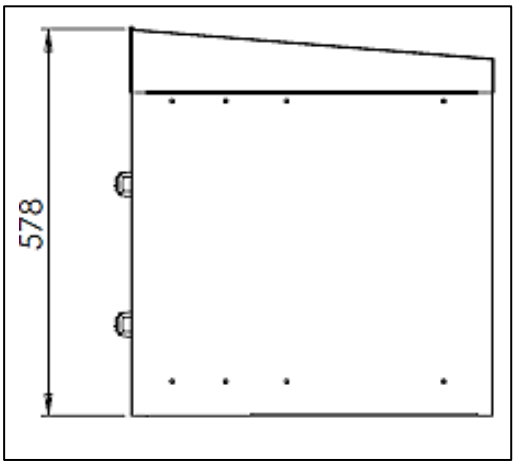


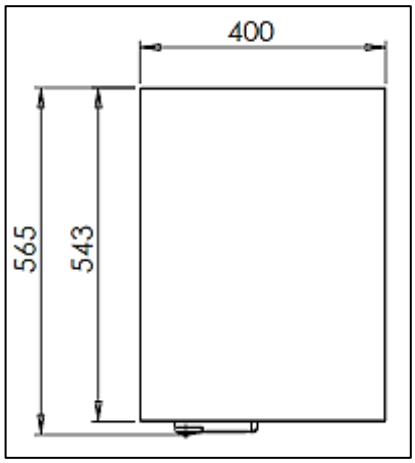
Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

Specifications *basic module* (*LMS2*):

- Dimensions (DxWxH): 500x450x483mm
- Compartment dimensions (DxWxH): 428x448x209mm
- Door opening dimensions (WxH): 152x349mm
- 2 individual lockable compartments
- Plug for 230V/16A power supply
- 2x230V sockets
- Material: Stainless Steel 304 (panels: 1mm, door: 1,5mm)
- Air circulation



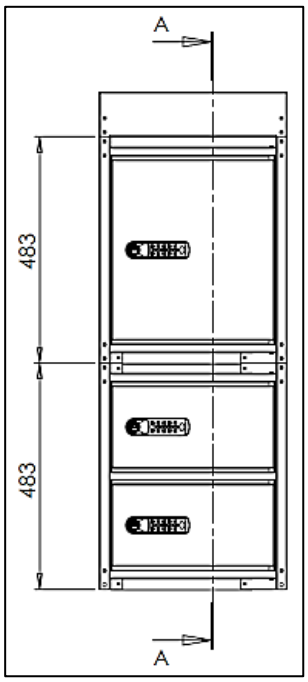


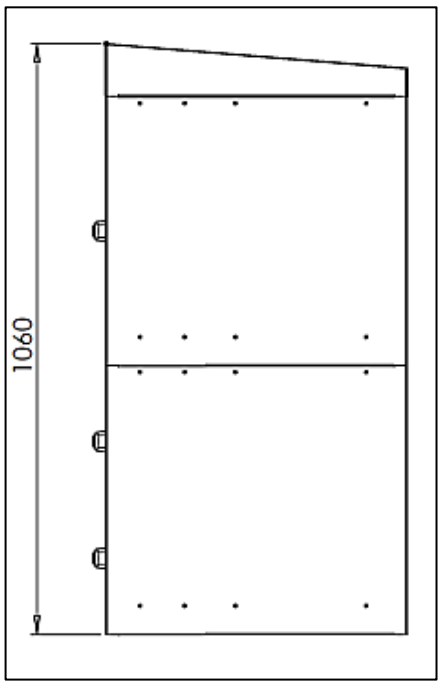


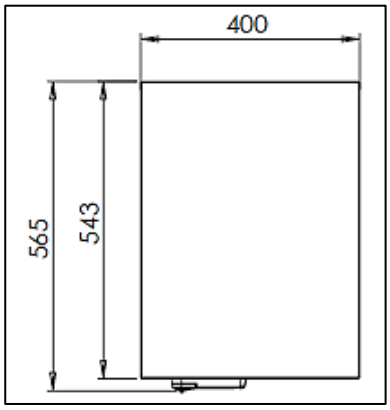
Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

Specification *assembly (LMS3)*:

- Dimensions (DxWxH): 543x400x1.060mm
- Compartment dimensions (DxWxH): 493x398x209mm/493x398x418mm
- Door opening dimensions (WxH): 152x249mm / 355x249mm
- 3 individual lockable compartments
- Plug for 230V/16A-power supply
- 3x230V-sockets
- Material: Stainless Steel 304 (panel: 1mm, door: 1,5mm)
- Air circulation



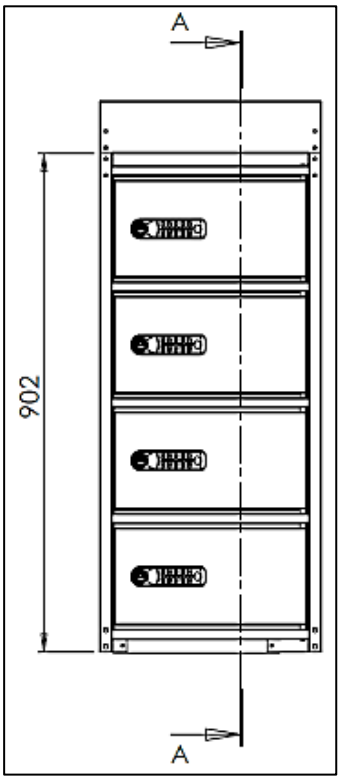


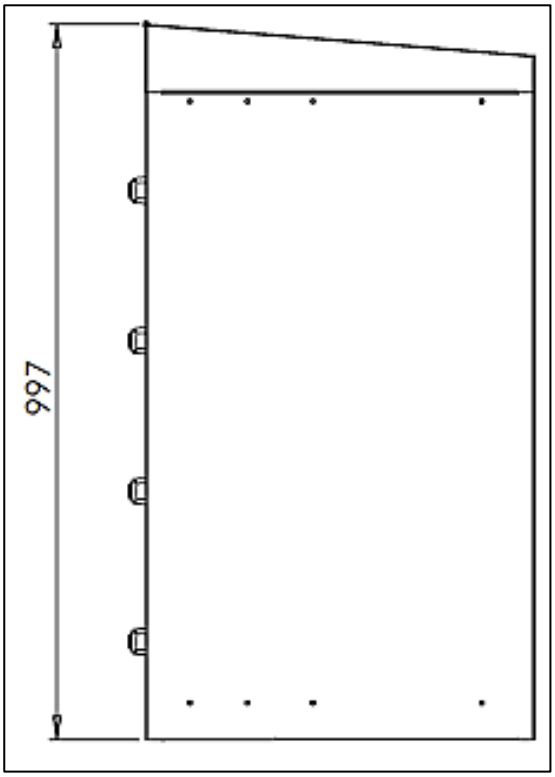


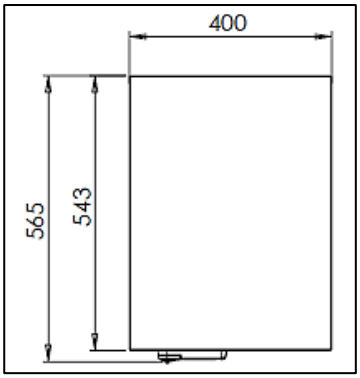
Mobiliteitsoplossingen - Mobility Solutions - Mobilitätslösungen - Solutions de Mobilité
Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

Specifications *basic module* (*LMS4*):

- Dimensions (DxWxH): 543x400x997mm
- Compartment dimensions (DxWxH): 493x398x209mm
- Door opening dimensions (WxH): 152x249mm
- 4 individual lockable compartments
- Plug for 230V/16A power supply
- 4x230V sockets
- Material: Stainless Steel 304 (panels: 1mm, door: 1,5mm)
- Air circulation



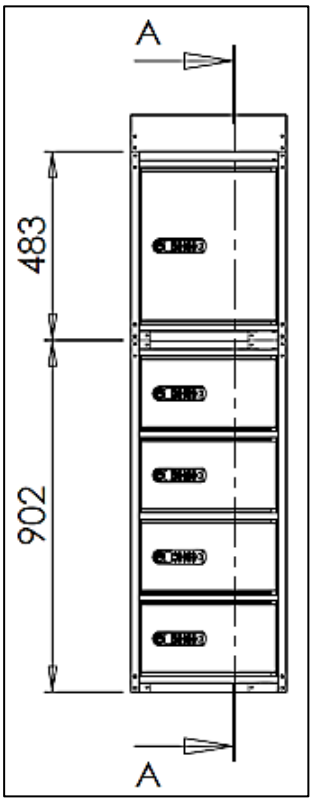


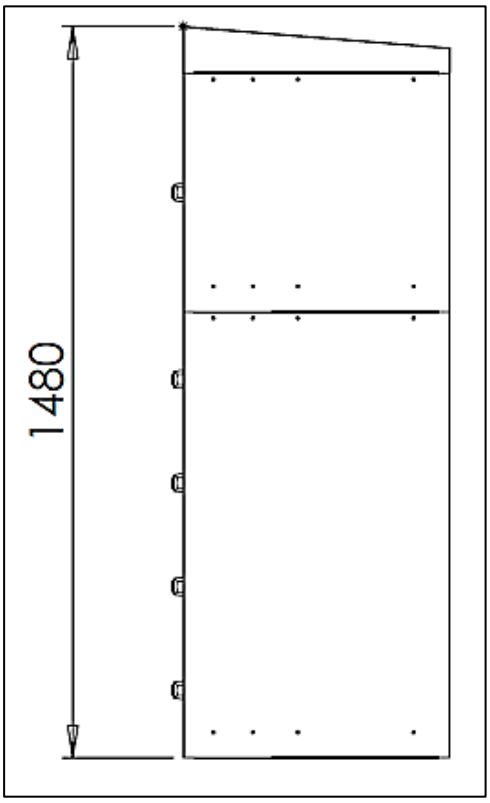


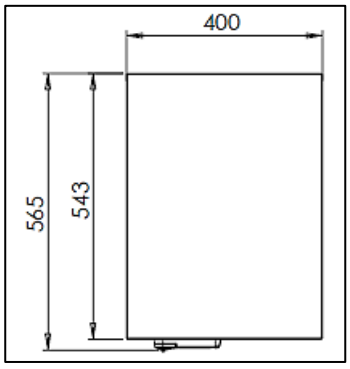
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

Specification *assembly (LMS5)*:

- Dimensions (DxWxH): 543x400x1.480mm
- Compartment dimensions (DxWxH): 493x398x209mm / 493x398x418mm
- Door opening dimensions (WxH): 152x249mm & 355x249mm
- 5 individual lockable compartments
- Plug for 230V/16A-power supply
- 5x230V-sockets
- Material: Stainless Steel 304 (panel: 1mm, door: 1,5mm)
- Air circulation



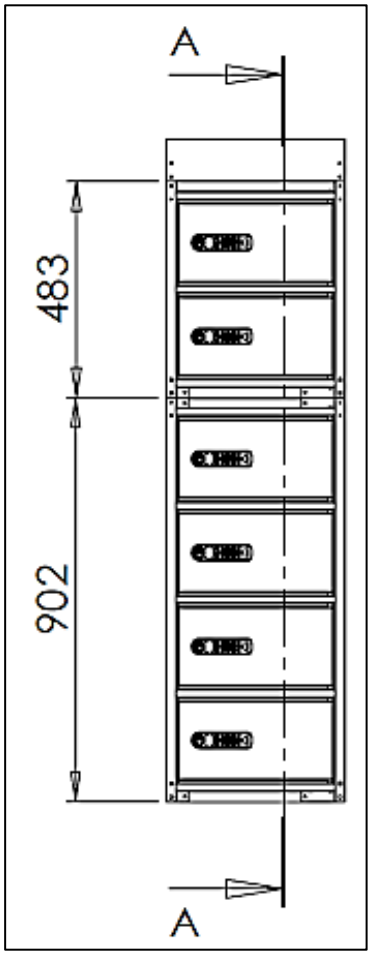


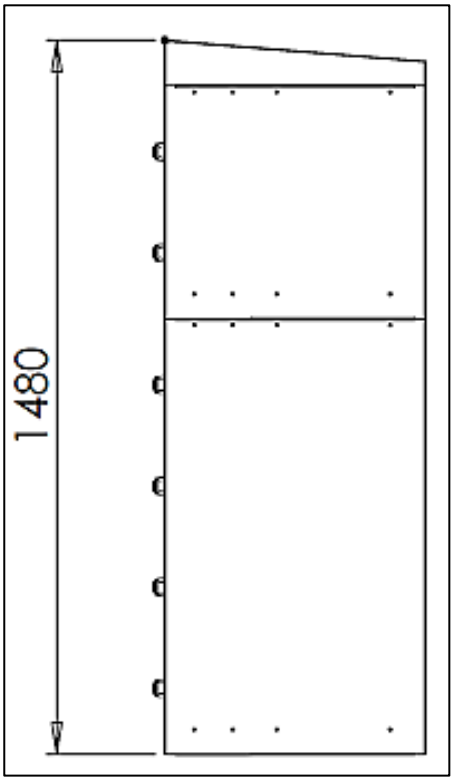


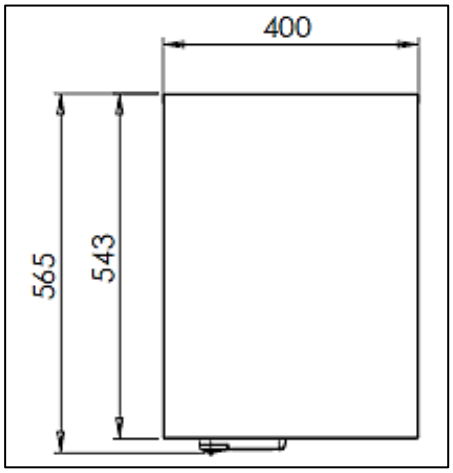
Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

Specifications *basic module* (*LMS6*):

- Dimensions (DxWxH): 500x450x1.531mm
- Compartment dimensions (DxWxH): 428x448x209mm
- Door opening dimensions (WxH): 152x349mm
- 6 individual lockable compartments
- Plug for 230V/16A power supply
- 6x230V sockets
- Material: Stainless Steel 304 (panels: 1mm, door: 1,5mm)
- Air circulation



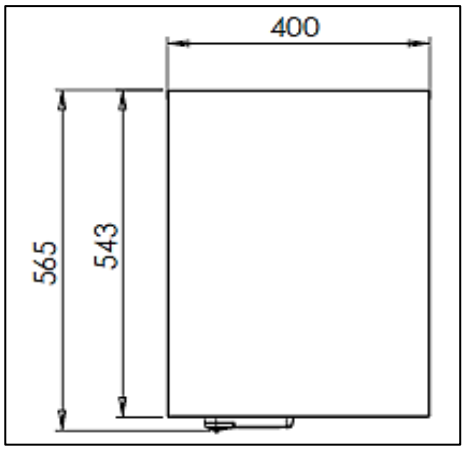


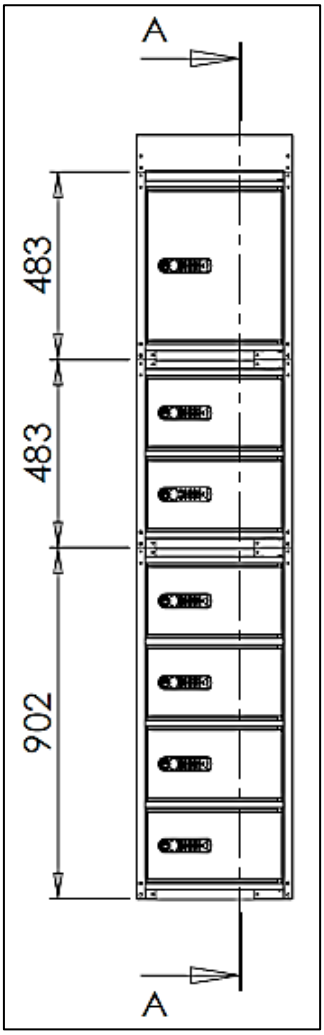


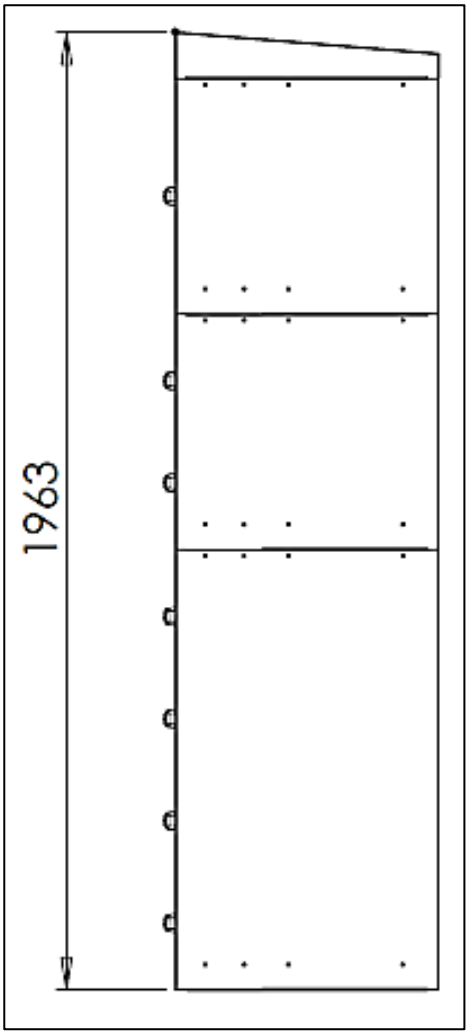
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

Specification *assembly (LMS7)*:

- Dimensions (DxWxH): 543x400x1.963mm
- Compartment dimensions (DxWxH): 493x398x209mm/493x398x418mm
- Door opening dimensions (WxH): 152x249mm/355x249mm
- 7 individual lockable compartments
- Plug for 230V/16A-power supply
- 7x230V-sockets
- Material: Stainless Steel 304 (panel: 1mm, door: 1,5mm)
- Air circulation



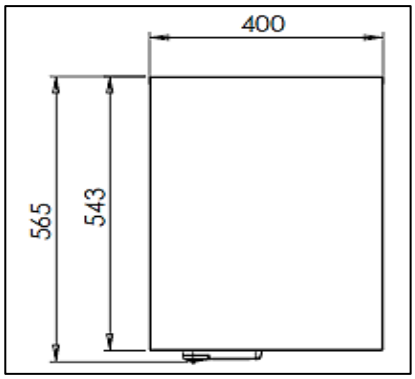


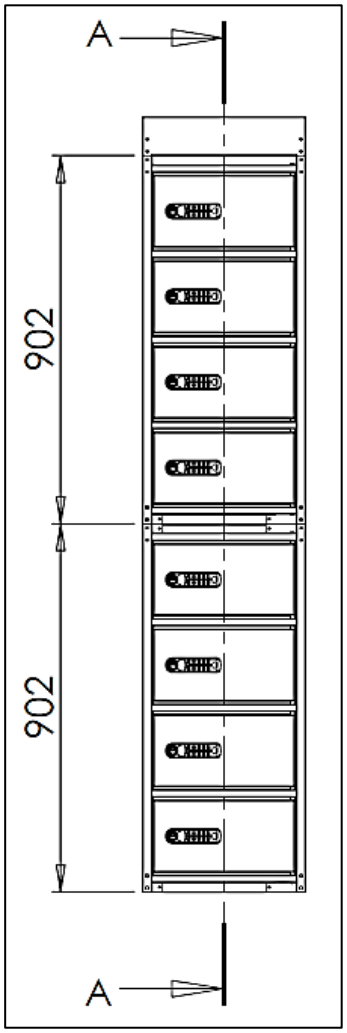


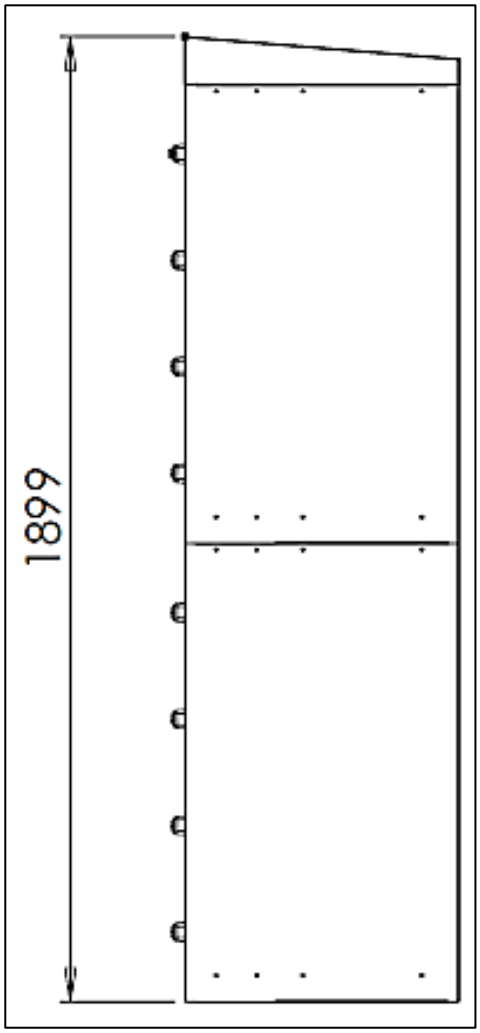
Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

Specification *assembly (LMS8)*:

- Dimensions (DxWxH): 543x400x1.946mm
- Compartment dimensions (DxWxH): 493x398x209mm
- Door opening dimensions (WxH): 152x249mm
- 8 individual lockable compartments
- Plug for 230V/16A-power supply
- 8x230V-sockets
- Material: Stainless Steel 304 (panel: 1mm, door: 1,5mm)
- Air circulation







Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

Power

A conventional charger of a bicycle battery consumes a maximum of 350W (around 1,5A). If the 1 until 8 compartments are all used simultaneously at full power then this means a maximum power of 350W (*LMS1*), 700W (*LMS2*), 1.050W (*LMS3*), 1.400W *(LMS4)*, 1.750W (*LMS5*), 2.100W *(LMS6), 2.450W (LMS7)* en 2.800W *(LMS8)* respectively. The Battery Charging Locker would therefore preferably be connected to a separate electrical ring-main circuit (230V/16A).

Digital pincode lock

The individual compartments have an autonomous digital pincode lock based on a battery power supply. The lock can be programmed for private or public use. Users have access without a key. Users can set a code themselves. A master code ensures that the administrator always has access. Mechanical opening by the administrator with a master key is also possible.

Digital pincode lock specifications:

- 4-digit user code
- 6-digit master code (6-digit Sub Master Code, 6-digit Technical Code)
- 80.000 openings with 2x AA-battery
- Low battery warning (LED flashes)
- Mechanical ‘’emergency opening’’ with key
- Suitable for indoor locations
- Audible ''beep'' at key pressure (can be switched off)
- Optional automatic opening when time is exceeded
- LED-indicator

Warranty

- 1 year factory warranty (from date of delivery).

Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

lominck international
partner in innovation

Manual

Battery Charging Locker

LMS1/LMS2/LMS3/LMS4/LMS5/LMS6/LMS7/LMS8

Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

Manual

The Battery Charging Locker is suitable for charging bicycle batteries or other small battery-based products, such as smartphones or tablets. It is preferable to connect the Battery Charging Locker to an electrical ring-main circuit (230V/16A).

Settings

The Battery Charging Locker is supplied with one key and the following settings (codes) as standard:
- Mastercode: **11335577**
- User code: **2244**

These codes and other settings can be adjusted according to the instructions in Appendix 1.

Digital PIN-code lock

The individual lockers are closed with a digital pincode lock. It is possible to set the locks for private use or public use, and possibly with automatic opening. Each lock is powered by 2 AA-batteries which must be regularly replaced. In case of an empty battery, the lock can only be opened with the key.

Remarks

All acceptable key presses are indicated by a green light.
- Incomplete commands expire after 4 seconds;
- Errors and "time-outs" are indicated by flashing red light;
- In case of an error or "time-out" you will return to previous settings;
- Errors expire after 10 seconds;
- Always wait until the LED is off before you press a next button.

Battery test

Press the logo button twice (red arrow). The battery capacity is shown by the LEDs.

- 4 green LED: excellent condition;
- 3 green LED: very good condition;
- 2 green LED: good condition;
- 1 green LED: low battery status, replace the battery;
- Red LED: replace the battery as soon as possible.

Flashing red light prior to locking or unlocking indicates a low battery voltage. Batteries must be replaced as soon as possible.
With a closed locker in a public mode, you can not test the battery. Unlock the lock to test the battery.

Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

How to open and close to Public mode?

If the locks are set to public mode, you can close an individual locker with a one-time code. When you open the locker with your code, the code is deleted. To prevent unwanted prolonged use, it is possible to have the lockers open automatically after an adjustable time. When an individual locker is in use, the LED flashes red every 10 seconds.

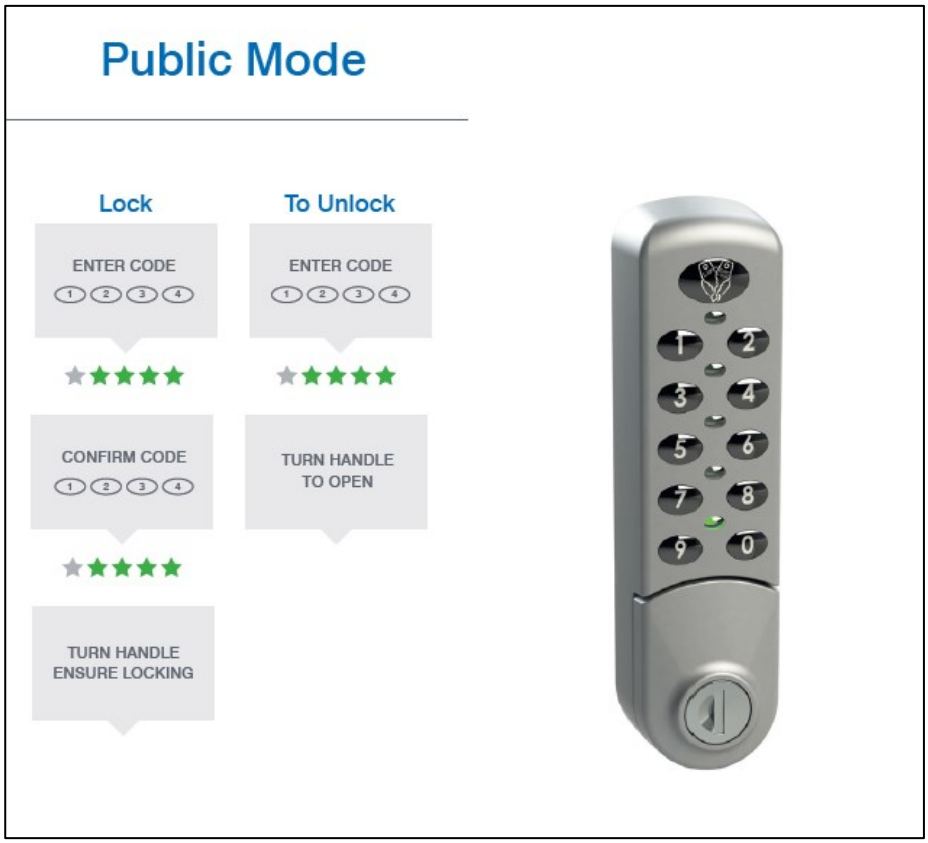
How to LOCK:

1. Select an open locker;
2. With the latch in the open position, close the door;
3. Turn the latch to the closed position;
4. Enter your four-digit code on the keyboard;
5. Repeat your four-digit code;
6. Your locker is now locked.

How to OPEN:

1. Choose your locker;
2. Enter your four-digit code;
3. Turn the latch to open the lock.

If you have forgotten your four-digit access code, please contact the administrator.



Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

How to open and close in <u>Private</u> mode?

If the locks are set to private mode, each box is assigned to one unique user. The user has their own code, and only with this code can they open and close their locker.

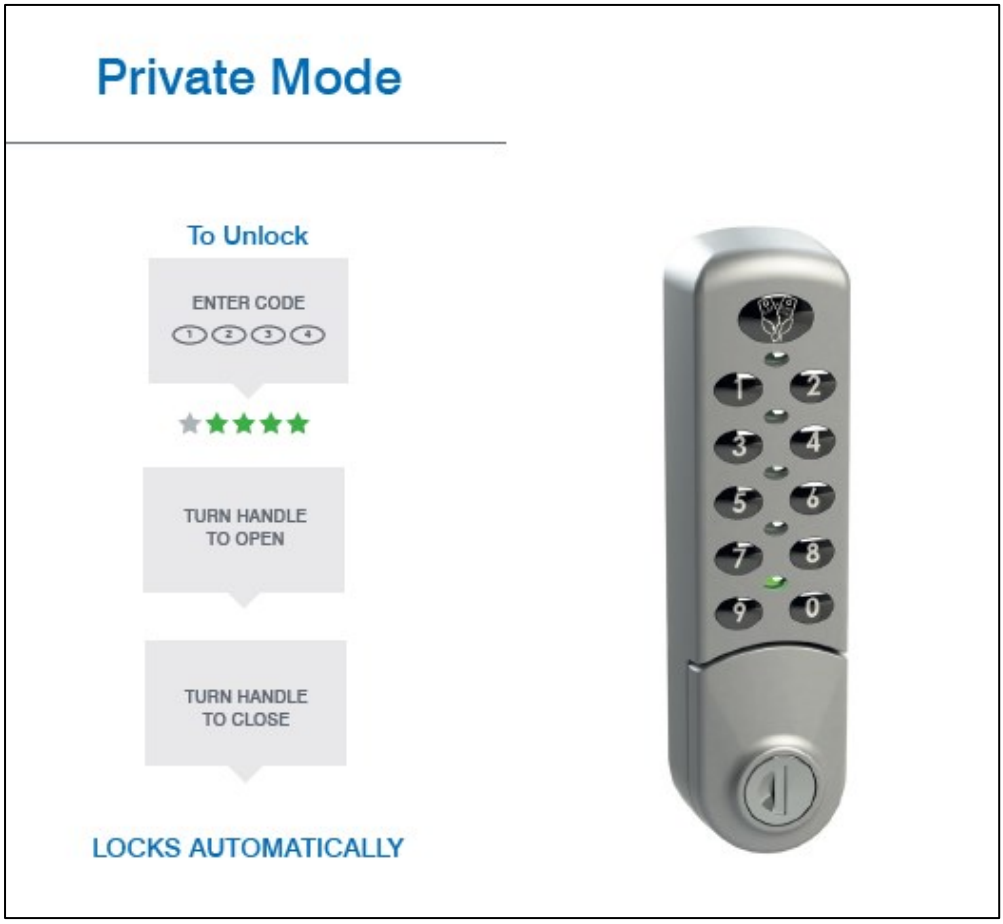
How to LOCK:

1. Select an open locker;
2. With the latch in the open position, close the door;
3. Turn the latch to the closed position;
4. Enter your four-digit code on the keyboard;
5. The locker is now locked.

How to OPEN:

1. Choose your locker;
2. Enter your four-digit code on the keyboard;
3. Turn the latch to open the lock.

If you have forgotten your four-digit access code, please contact the administrator.



Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

lominck international
partner in innovation

- Sluit deur, draai grendel
- Close door, turn latch
- Fermer la porte, tourner le levier
- Tür schließen, Verriegelung drehen

2 x code 4 digit
* * * *
* * * *
beep beep

- Toets 2 keer uw 4-cijfer code in
- Type your 4-digit code 2 times
- Tapper 2 fois votre code de 4 positions
- Geben Sie 2 Mal Ihren 4-stelligen Kode ein

AUTO OPEN

- Opent automatisch na 12 uur
- Opens automatically after 12 hours
- Ouvre automatiquement après 12 heures
- Öffnet automatisch nach 12 Stunden

1 x code 4 digit
* * * *
beep beep

- Toets uw 4-cijfer code in
- Enter your 4-digit code
- Entrez votre code, 4 chiffres
- Geben Sie Ihren 4-stelligen Kode ein

- Draai grendel, open deur
- Turn latch, open door
- Tourner le levier, ouvrir la porte
- Verriegelung drehen, Tür öffnen

Gansoord 80 | 2165 BD Lisserbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 87153238 | BTW: NL864219696B01 | BIC: RABONL2U | IBAN: NL57 RABO 0199242364
Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.