

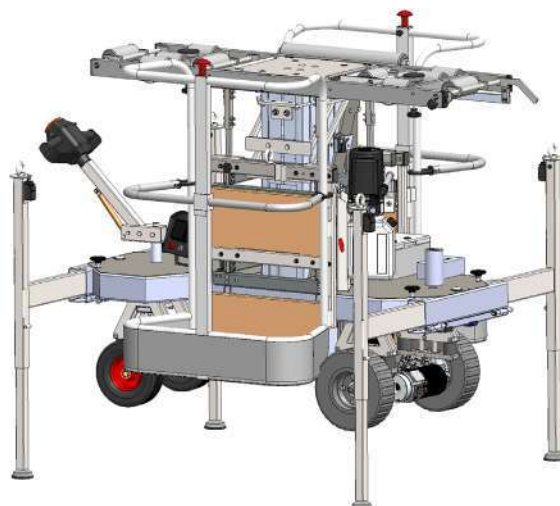
PRODUCT DATA SHEET

NEW
VERSION
2026

MAGISTER³



MAGISTER WITH SINGLE BASKET CONFIGURATION



MAGISTER WITH DOUBLE BASKET CONFIGURATION

Version 3 of the **Magister** represents the latest evolution of a machine that has always been the most compact on the coffin lift market.

It keeps its winning features unchanged, available in the **Manual**, **Electric**, **Automatic** and **Automatic Rotax** versions, with an operating width of less than 1 metre, and it has been further developed to optimise typical operations in this sector as much as possible.

The **Double Basket** version is now available, with two side baskets. One operator stands on the left side and one on the right side of the machine.

Rotation is fully automatic, ensuring greater efficiency and simplified operation.

The rollers on the coffin platform allow even **coffins with feet** to slide smoothly without the need for additional options. Battery life has been optimised and **GEL batteries** are available for intensive use.

The machine is easier to transport thanks to its **shock-absorbing suspension**.

The maximum burial height is greater in the Magister3, reaching **4.50 m**, and **4.60 m** in the Automatic Rotax version. It is possible to “activate” the **SMART module** for a machine that enables remote diagnosis, remote assistance and geolocation. Magister3 can accommodate the **Higher platform**, approved for two operators, on the coffin platform, allowing operations to be carried out at heights of over **6 metres**. The Higher platform can be combined with the **slab lifting system** to facilitate and ensure the safe handling of slabs.

CODE	MODEL	WEIGHT (KG)	OVERALL DIMENSIONS (CM) LxPxH	OVERALL DIM. WITH BASKET (CM) LxPxH	CAPACITY (KG)	HEIGHT MIN/MAX (CM)	LIFTING	TRAVEL
CM3MMS	Manual SB	350	65*162*130	95*162*133	410	130/450	Manual	Manual push
CM3MMD	Manual DB							
CM3EMS	Electric SB	430	65*162*130	95*162*133	410	130/450	Automatic	Manual push
CM3EMD	Electric DB							
CM3AMS	Automatic SB	460	65*162*130	95*162*133	410	130/450	Automatic	Twin drive wheel with differential
CM3AMD	Automatic DB							
CM3RMS	Automatic Rotax SB	490	65*162*130	95*162*143	410	140/460	Automatic	Twin drive wheel with differential. Coffin platform and basket/s rotation.
CM3RMD	Automatic Rotax DB							

NEW FEATURES AND BENEFITS

Magister³ makes burial and handling operations in cemeteries more efficient and safer, while maintaining an extremely small footprint.

EVOLUTION FROM MAGISTER -> MAGISTER³

- DB configuration: possibility of using 2 side baskets.
- Larger stabilisers as standard and advanced stabilisation logic.
- Smoother transport thanks to cushioned suspension.
- Greater height achievable on the upper deck (up to 4.50 m / 4.60 m Automatic Rotax).

COFFIN DECK AND OPERATIONAL SAFETY

- Directional rollers: front or side burial.
- Rollers optimised for coffins with feet; brakes and load-securing straps.
- Interlocks and signals (powered versions) for configurations and elevated positions.
- Electronic control (except Manual) designed according to Performance Level d requirements.

MINIMUM WORKING SPACE

72,5 cm*
with Higher

95 cm
with 1 side basket

144 cm
with 2 side baskets

* 72,5 cm for Manual/Electric/Automatic; for Automatic Rotax with Higher: operating width up to 98 cm (always <1 m).



PERFORMANCE LEVEL D

Magister³ safety control system is designed to meet the requirements of Performance Level d (PL d) according to EN ISO 13849-1, ensuring high reliability of safety functions and effective reduction of the risk associated with critical machine operations. The use of monitoring architectures and highly reliable components ensures adequate performance levels for operator protection and compliance with the most stringent safety regulations. Level D (PL d) indicates that the safety system achieves one of the highest reliability values compared to the other levels (a, b, c).

SMART MODULE

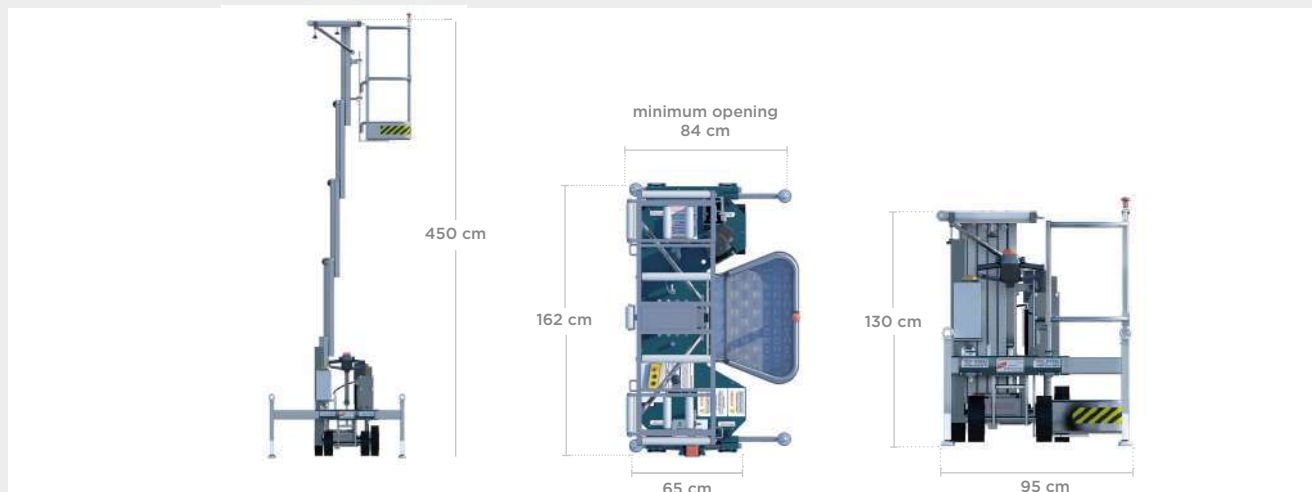
Magister³ can be equipped with the SMART Module, an expansion that enables remote diagnostics, remote assistance and geolocation, designed to reduce downtime, improve maintenance planning and provide centralised fleet control.

The module includes:

- **Remote diagnostics** for remote reading of machine parameters and logs;
- **Remote assistance** for remote technical support;
- **Geolocation** for machine tracking and fleet management.



OPERATIONAL CAPABILITIES



LIFTING

In the **Manual** version, lifting is carried out by a **manual hydraulic pump** up to a height of 450 cm.

In the **Electric, Automatic** and **Automatic Rotax** versions, in addition to the manual emergency system, lifting is **electro-hydraulic** and battery powered. The up and down movement is controlled by a **push-button panel** on the operator's basket.

The ground controls allow interventions in case of emergency or malfunction.

In the Automatic Rotax version, in addition to lifting, **rotation** is also automated.

TRAVEL

Puncture-proof wheels with solid industrial ring and patterned tread. The drawbar has a wide steering angle to minimise manoeuvring space, and the unit can be moved even in the presence of obstacles.

Magister Manual and Magister Electric feature manual traction and parking by means of a **foot brake** that is always accessible during manoeuvres.

Magister Automatic has motorised traction with twin drive wheels and differential. It can tackle frontal gradients up to 32% (18°). The steering drawbar is equipped with forward/reverse controls, a butterfly switch with adjustable speed, horn and **anti-crush safety device**. When the controls are released, the electromagnetic parking brake engages.

STABILIZATION

Four stabilisers, removable and height-adjustable even when close to walls.

Extraction of the two stabilisers located on the side opposite the side basket is not mandatory, in favour of greater operational compactness.

Ground support can also be achieved when the ground is uneven, such as on pavements; the vertical travel (ground-to-wheels) is 20 cm.

MATERIALS AND STRUCTURE

Base frame in steel with a double protective coat of polyester powder paint.

The other steel structures have undergone an electrolytic galvanising surface treatment.

Baskets and coffin platform in light aluminium alloy, strong and resistant to chemical and atmospheric agents.

If stored outdoors, the use of the protective cover is recommended.

ELECTRONICS AND POWER SUPPLY

Magister Electric, Automatic and **Rotax** are equipped with a control display.

On this device, multiple data and information about the machine are shown, such as correct stabilisation, rotation angle, battery level and advance warning of periodic maintenance deadlines.

The battery charger automatically maintains the 2 traction batteries (12 V DC, 100 Ah battery).

SETUP WITH HIGHER UPPER PLATFORM



MAGISTER WITH HIGHER UPPER PLATFORM STABILIZED



MAGISTER EXTENDED WITH HIGHER UPPER PLATFORM

The **Higher upper platform** accessory transforms the Magister coffin lift into an elevating work platform with a basket approved for two operators, who can perform any type of operation at height above **6 metres**. In the cemetery context it is appreciated for the possibility of carrying out masonry work, gutter cleaning, replacement of votive lights and tree pruning. In addition, the Higher platform equipped with its slab-lifting accessory makes it easier to position headstones up to 2 metres in length, ensuring operator safety.

CODE	CONFIGURATION	WEIGHT (KG)	OVERALL DIMENSIONS (CM) LxPxH	OVERALL DIM. MAGISTER WITH HIGHER (CM) LxWxH	CAPACITY (KG)
CM3AC02	Higher platform for Magister Electric, Automatic, Rotax	41	140x70x120	72,5x162x240 (98x162x240 for Rotax)	Tot. 120 kg (1 op.) / 200 kg (2 op.) Tools max. 40 kg (included)
CM3AC07	Higher platform for Magister Manual	41	140x70x120	72,5x162x240	Tot. 120 kg (1 op.) / 200 kg (2 op.) Tools max. 40 kg (included)

The **slab-lifting accessory** must be used in combination with the Higher platform.

This system, equipped with a tilting flap to secure the slab and its own winch, allows headstones up to 2 m in length to be loaded from a height of 90 cm above ground and then lifted up to the height of the target niche.

The permitted load capacity of this single accessory is 100 kg.

Operators inside the Higher platform have easy access to the slab-lifting system and therefore a safe and ergonomic grip on the headstone, on which we recommend placing suitable suction cups..



MAGISTER WITH HIGHER UPPER PLATFORM AND SLAB LIFTER

STANDARD EQUIPMENT

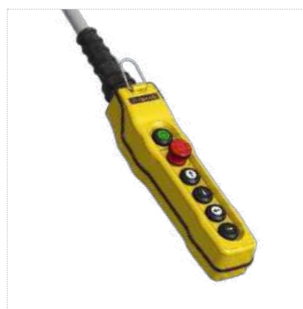
PRODUCT	DESCRIPTION
Basket	Removable single-operator side basket to facilitate the machine's passage in tight spaces.
Coffin tray	Upper coffin tray. Height-adjustable directional rollers to change orientation: allows front and side burial even for coffins with feet.
Manual pump	Manual backup pump for Magister. Also in motorized versions as an emergency manual system.
Tilting key	No. 2 tilting keys for adjusting the stabilizers.
Extended stabilizers	4 extended-height stabilizers as standard, ensuring safe stabilization on steps or slopes.
Stabilizer plates	Set of 4 support plates for stabilizers, useful on uneven or earthy terrain.
Bag	Accessory carrying bag.
Pendant control panel	Up, down, rotation, and emergency stop controls available to the operator on the basket.
Fixing straps	Set of fixing straps for the coffin.
Built-in battery charger	Battery charger for Automatic and Electric with maintenance function.



Manual pump



Coffin tray



Pendant control panel



Fixing straps



Tilting key



Built-in battery charger



Support plates

OPTIONAL

OPTIONAL		
CODE	PRODUCT	DESCRIPTION
CM3AC01	Second basket	Additional side basket for Double Basket setup.
C-AM-HC	Higher upper platform	Upper platform weighing 41kg. Maximum load capacity 200 kg (in addition to the platform weight). Certified for 2 operators, it fits onto the coffin tray. Allows reaching an operational height of over 6 meters. The guardrails are foldable and extendable: reduced footprint (h 15 cm) and easy to transport. Dimensions 145x70x120 cm. The 3 outer sides have, at the base, housings for supporting marble slabs.
CM3AC04	Slab lifter for Higher	Lifts slabs over 2 meters. The support, equipped with a lever-operated tip-up and adjustable stop based on the headstone height, is anchored to an independent lifting system operable via a winch located inside the platform. Minimum loading height 90 cm from the ground.
CM3AC05	Protective cover	Waterproof PVC protective cover.
PI-CQ-07	Harness	Fall arrest harness with positioning lanyard.
	GEL batteries	For intensive use.
CM3AC06	Pneumatic wheels d. 250	Suitable for gravel terrain.
CM3AC08	Pneumatic wheels d. 300	
	SMART module	Module for remote diagnostics/teleassistance/geolocation.



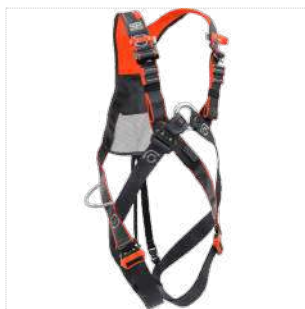
Higher upper platform



Marble lifter for Higher



Protective cover



Harness



SMART module

DIMENSIONS AND ENVIRONMENTAL LIMITS

MAIN DIMENSIONS (LxW)

In outline	65 x 162 cm
With 1 basket (SB)	95 x 162 cm
With 2 baskets (DB)	144 x 162 cm
With Higher	72,5 x 162 cm *

* 72,5 for Manual/Electric/Automatic; for Automatic Rotax with Higher: operating width up to 98 cm (always < 1 m).

ENVIRONMENTAL LIMITS

Maximum wind in operation: 12,5 m/s
Max frame inclination: 3° when raised; up to 18° frontally and 6° laterally when transporting.
Usable outdoors in compliance with weather conditions and manual instructions.

CERTIFICATIONS AND COMPLIANCE

- CE marking (Directive 2006/42/EC).
- Compliant with UNI EN 280-1:2022.
- PLE classification: Group A, Type 1.
- Notified Body: no. 1878 (VERICERT).