“Our vision is to create the most ergonomic and safe e-mobility solutions for every working person.”

Blickle’s electric drive systems and ergonomic e-mobility solutions marketed under the ErgoMove® brand provide a safe and easy way to transport loads up to 4,000 kilograms in a variety of sectors. The experts at ErgoMove® work closely together with customers to develop solutions which are tailored to their specific requirements.

Blickle’s effective service team provides around the clock support for users before and after they start using the ErgoMove® system.
As a reliable partner, Blickle provides a comprehensive range of logistical services to complement ErgoMove®’s e-mobility solutions:

1 Analysis of logistical challenges	• Ergonomics • Safety • Efficiency
2 Development of a solution in partnership with customers	• Tailored solutions • CAD implementation • Prototyping
3 Implementation of custom-made system	• On-site installation • CE support • Employee training
4 After-sales	• Helpdesk ErgoMove® • Proactive maintenance and repair • Safety checkup

The EM500, EM1000, EM2000 and EM4000 lines of the Blickle ErgoMove® system can be used to create custom-made solutions capable of handling loads of up to four tons.

To find out more, please contact your Blickle ErgoMove® specialists:
Email: ErgoMove@blickle.com

Arrange a **demonstration** now!

968519 I September 2021

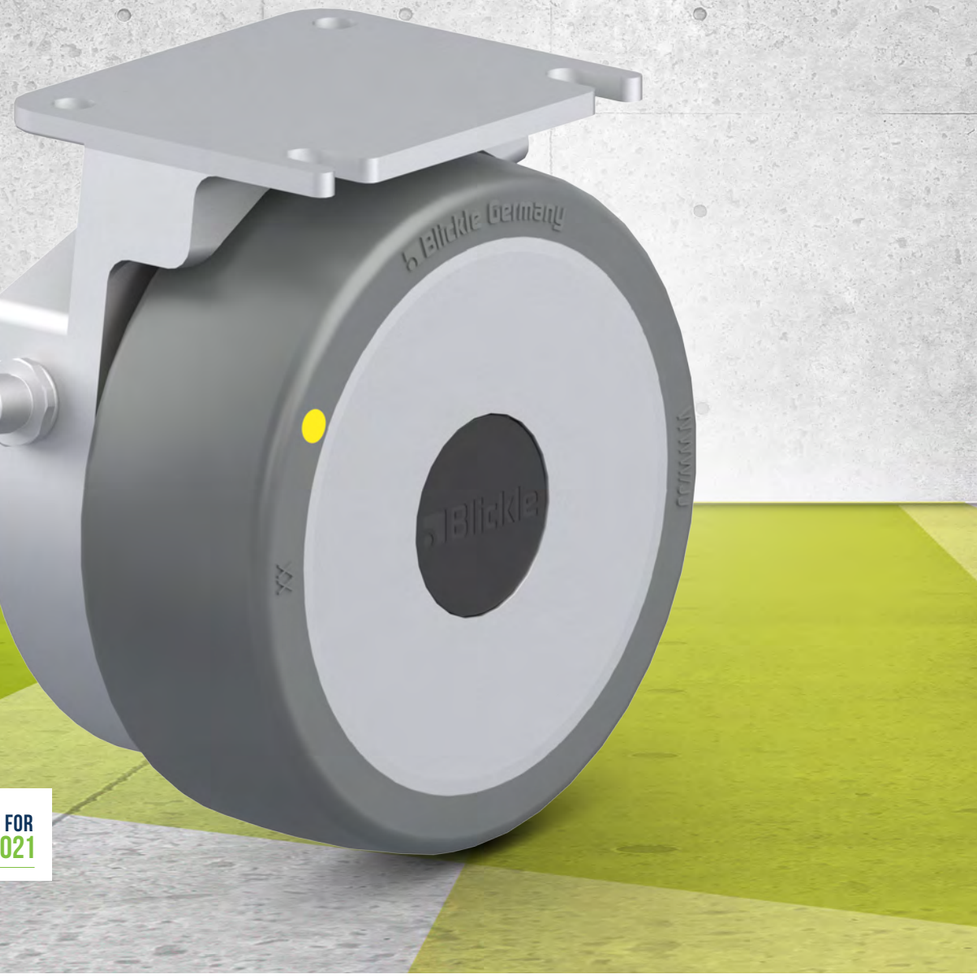
To find out more about ErgoMove® systems, please visit **www.blickle.com/ErgoMove**

Blickle®

we innovate mobility

ErgoMove® 500

Ergonomic and safe e-mobility solutions for every working person



INNOVATION AWARD FOR ERGONOMICS 2021

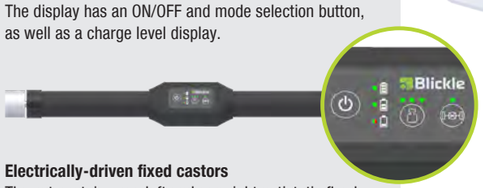
The electric drive system ErgoMove® 500.
Set components and options.

ErgoMove® e-mobility solutions minimi health risks on the user by significantly reducing the physical effort compared to manual pushing. The ErgoMove® 500 makes it possible to move loads of up to 500 kilograms in a safe and ergonomic manner. In addition to the drive assistance, the ErgoMove® 500 also features steering and braking assistance. The motor is integrated into the wheel, meaning the system can be used in even the most confined spaces. Equipment and transport units of any kind can be quickly and easily upgraded with the drive system thanks to pre-assembled "plug & play" components.

Modular set components

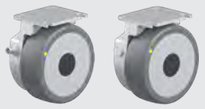
1

Sensor handle
The ErgoMove® 500 set includes an intuitive sensor handle with integrated controls as standard.
This is available in a variety of lengths, with an optional pre-assembled bracket.
The display has an ON/OFF and mode selection button, as well as a charge level display.



2

Electrically-driven fixed castors
The set contains one left and one right antistatic fixed castor (wheel Ø 140 mm) with a thrust force of 15 daN each (see table on page 3 for dimensions).



3

Supply units
One of the following supply units will be included, depending on the set:
The **Basic Line** has a freely positionable battery pack with two batteries and a connector.
The **Professional Line** has a safety box, with two batteries and a connector, an emergency off button and a key switch.

Basic Line

Professional Line

Product advantages

- Drive, steering, brake support for a load of up to 500 kg
- Optimal running characteristics for trolleys of any weight (adjustable performance levels)
- Comprehensive safety features
- Available 24/7
- Intuitive controls
- Plug & Play
- Drive castor with integrated motor for tight spaces

The ErgoMove® 500 set.
Order overview and scope of delivery.

ErgoMove® 500 set comprising handle, supply unit and two drive castors	Handle length [mm]	Sensor handle with power sensor	Sensor handle with power sensor and pre-assembled bracket	**Basic Line** (see page 2)	**Professional Line** (see page 2)	Mounting height drive castor [mm]	Plate dimensions drive castor [mm]
SET EM500-ALST 140K-AS-S500	500	X		X		150	100 x 85
SET EM500-ALST 140K-AS-S500-SAF	500	X			X	150	100 x 85
SET EM500-ALST 140K-AS-S550	550	X		X		150	100 x 85
SET EM500-ALST 140K-AS-S550-SAF	550	X			X	150	100 x 85
SET EM500-ALST 140K-AS-S515U	515		X	X		150	100 x 85
SET EM500-ALST 140K-AS-S515U-SAF	515		X		X	150	100 x 85
SET EM500-ALST 140K-AS-S565U	565		X	X		150	100 x 85
SET EM500-ALST 140K-AS-S565U-SAF	565		X		X	150	100 x 85

Other handle lengths available upon request

Options

	Console extension 4	Extension cable	Charger for two batteries	Battery 5	Pressed steel swivel castors with "ideal-stop" brake 6	Optional cockpit version	Customised programming
Product code	**EM500-CONSOLE**	**EM500-CABLE-1M**	**EM-CHARGER-18V2x3A**	**EM-BATTERY-18V5.2AH**	**LK-ALST 100K-3-IS**	**-1FG**	**EM500-SOFT-WARE-TOOL**
Description	Four-edged adapter tube for extending the handrail under the sensor handle Mounting height adjustment: 897 mm	Incl. plug for connection between the cockpit and drive castors, length: 1 m*	For replaceable batteries, charging voltage: 18 V; Charging current: 2 x 3 A	Original manufacturer quality, 18 V; 5.2 Ah**	Plate dimensions 140 x 110 mm, separate lever arm for simultaneous braking*** Suitable adapter plate****	With rotary joystick for drive and brake support; replaces sensor handle	Software licence for setting parameters and software updates, including adapter cable between sensor handle and USB interface
Available for	Sensor handle with pre-assembled bracket	all sizes	all sizes	all sizes	all sizes	on request	all sizes

* Housing for additional connector protection on request
** Additional anti-theft system for batteries available on request
*** Optional swivel castors with plate dimensions 100 x 85 mm and separate truck locks (product code FF 125-1)
**** Additional adapter plate (product code APS3-03; dimensions 140 x 110 x 3 mm) to compensate for difference between mounting height and electrically driven fixed castors on request