







Professional mobile lifting aids



EXPRESSO DEUTSCHLAND GMBH & CO. KG — YOUR EXPERT PARTNER FOR HANDLING OPERATIONS

For over 60 years, we have been assisting people all over the world with solutions for handling valuable and heavy goods. In close cooperation with our customers, we develop individual professional products for industry and trade. Our high-quality manual transport equipment, motorised transport systems, and handling solutions close the gap between lifting by hand and moving by forklift truck. They increase the efficiency of work processes as they facilitate, simplify and accelerate. In the process, human health is a central theme in the development of every product.

With our product innovations in our CLASSIC, DYNAMIC and LOGISTIC divisions, we increase the ergonomics and efficiency of work equipment and thus improve the conditions for keeping people healthy at work. In the process, environmental aspects are consistently included all considerations. We continually optimise energy and raw material use according to ecological criteria in order to sustainably protect the environment

EXPRESSO - THEY CAN HANDLE IT







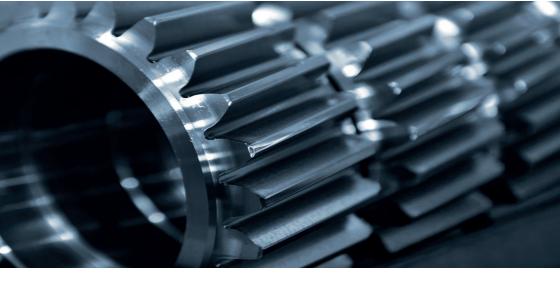




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POWERED HANDLING AND TRANSPORT SYSTEMS

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EXPRESSO DYNAMIC PERFORMANCE AREAINTELLIGENT IDEAS FOR YOUR HANDLING TASKS

In the development of our powered products, equal focus is placed on people and business. Unique handling and transport systems make work easier, more precise and controllable. This benefits employees as their health is protected. And, since tasks can be solved more easily, safely and quickly, the company also benefits.

In an environment increasingly characterised by specialisation and international competition, work efficiency is increasingly gaining in importance — but this objective should never be pursued at the expense of people. A proactive and sustainable measure is the use of universal and individual EXPRESSO solutions. In this way, companies can gain a decisive advantage over their competition.

PRODUCTIVITY



ERGONOMICS



OCCUPATIONAL SAFETY



EXPRESSO DYNAMIC PERFORMANCE AREAPOWERED HANDLING AND TRANSPORT SYSTEMS

EXPRESSO manual transport equipment and powered handling and transport systems facilitate and optimise work processes all over the world. They have their place wherever future-oriented, special logistics are asked for. All products are manufactured in a modular system in order to be able to provide customised solutions. They have been convincing since 1953 due to their safety,

quality and their precision in processing and offer extremely high stability. Their extended service life and permanent operational availability underline their high economic value.

WE ARE DRIVEN BY PEOPLE, NOT MACHINES.





lift2move solution

The mobile lifting aid is particularly suitable for individual goods, packages and equipment that need to be moved from one location to another.

BalanceLift

Effortless handling of loads without electricity thanks to the pneumatic lifting cylinder with vacuum, pneumatic and mechanical load handling devices and gripping tools for a wide variety of goods.



The handling systems are designed in close cooperation with the planners and users and then realised - for your very individual device.

The EXPRESSO handling consultants first discuss the task on site and create an individual handling analysis. Within a few days, you will then be presented with the handling concept and the corresponding quotation.



LIFT2MOVE SOLUTION – THE BATTERY-POWERED. MOBILE LIFTING AID

EXPRESSO's mobile lifting aids provide you with individual handling solutions that are matched precisely to your goods, the location, the operator, and the specific handling task. Customized load handling attachments in the shape of, for example, forks, mandrels, roller platforms, hook attachments and attachment grippers permit ergonomic loading of machines, shelves, filling and conveying systems, centrifuges, pallets, roller conveyors, and your workplaces.

INCREASED PRODUCTIVITY THROUGH INDIVIDUAL STANDARDS

The flexible, use-oriented application possibilities increase your productivity. Perform complex, physically demanding handling operations easily, safely, ergonomically and, therefore, economically with these intelligent handling solutions.

With lift2move, everything is possible: lifting, lowering, rotating, turning, gripping, pouring, tipping, holding, order picking, pushing, positioning, assembling, pallet loading, and much more.

CERTIFIED ERGONOMY

EXPRESSO lift2move is certified and recommended by the german Association Forum Healthy Back - Better Living, Federal Association of German Back Schools and has been awarded with the brand seal of the "German Standards - Brand of the Century".











Holding







Pushina



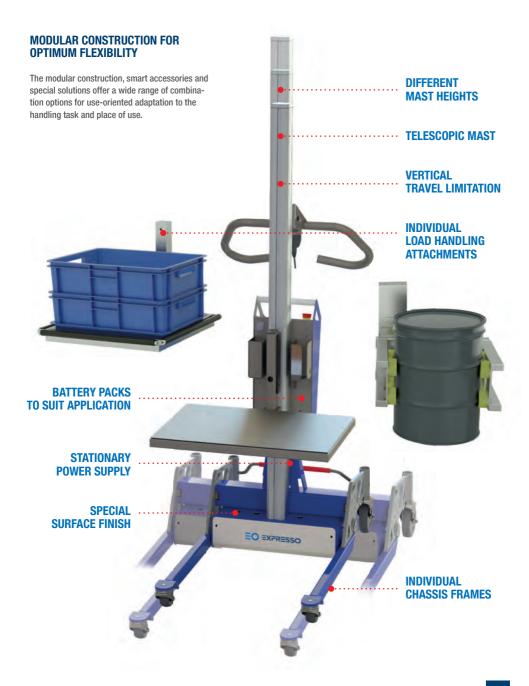






Lowering







VARIABLE LIFTING MAST LENGTHS

with total heights of up to 3,000 mm for optimally adapted vertical travel



FRGONOMIC HANDLES

The handlebar is infinitely adjustable in height and can therefore be adjusted to the individual body size.



REMOTE CONTROL / POSITION CONTROL

The removable remote control with a spiral cable enables flexible operation of the lift in order to keep an eye on the lifting operation and safely position loads.

Optionally with programmable VPC position control.



2-STEP PARKING BRAKE

1st step = complete freewheel as basic position for easy moving and manoeuvring in the so-called "normal position

2nd step = Rear castor wheels braked for secure standing for loading and unloading the load pick-up



Separate foot lever for locking the front castors in the direction of travel, for directional locking/stabilisation on long journeys



MOTOR BRAKE / SELF-LOCKING GEAR

Automatically self-locking drive unit permits the fully loaded attachment to be positioned and secured with pin-point accuracy.



SMOOTH RUNNING ROLLS

Polyurethane rolls in acc. with ESD standard, low-noise transport, high comfort due to softer and absorbing rollers



BASIC EQUIPMENT

VARIOUS MODELS

with payloads from 130 to 400 kg for use-oriented and customised handling solutions. As well as lift2move selective for standard handlings up to 125 kg. lift2move solution 130 180 250 400

lift2move selective S/M/I



ELECTRIC SPINDLE DRIVE

Precision spindle drive with sensor-controlled safety system, for positioning accurate to the millimetre as well as safe operation and durable, maintenance-free use.



STANDARD AND INDIVIDUAL LOAD HANDLING ATTACHMENTS

In close cooperation with you, we will implement individually adapted load handling attachments and manipulators to ensure safe and effective handling solutions, e.g. platforms, forks, and gripper, turning and tilting devices. The equipment features of all load handling attachments are particularly functional and characterised by exceptionally high-quality workmanship and, if necessary, can be easily replaced for flexible, application-oriented use.



HIGH-STABILITY CHASSIS FRAME

offers optimum resistance to tipping for safe, speedy manoeuvring in all operating conditions.



POWERPACKS

with battery level indicator, on/off switch and aluminium housing, in lithium ion or lead fleece versions, with the option to carry out top-up and interim charging with no memory effect. With quick-change mechanism as standard. Optional: Additional accumulator pack(s) for replacement during multiple-shift operation



FLEXIBLE CHASSIS FRAME DESIGN

with variable chassis frame lengths, heights and widths for optimal adaptation to the place of use and handling





LIFT2MOVE - OPTIONS, ATTACHMENTS, SPECIAL EQUIPMENT

FOR YOUR OWN INDIVIDUAL DEVICE

TELESCOPIC MAST

offers extra vertical travel with a low overall height.





VERTICAL TRAVEL LIMITATION

can be positioned on the mast as required for your door clearances or loading heights.





ADDITIONAL VERTICAL TRAVEL ADJUSTMENT

can be adapted to (most) platforms, enables extended vertical travel.





POWERPACK BATTERY PACK

in lithium ion or lead fleece versions to suit application, top-up and interim charging with no memory effect.





ADDITIONAL BATTERY PACK

with quick-change system for a uninterrupted operational readiness (together with standard battery)





BATTERY WALL BRACKET

provides a safe and tidy storage option for the battery packs and serves as a charging station.





CHASSIS VARIANTS

can be individually adapted to the requirements of the work process in the company. (see page 32)



CHASSIS FRAME VARIANTS

can be individually tailored to the requirements of the workflow within the company.





STATIONARY VARIANT

for use at fixed workstations (e.g. machine loading) or as a complete production line. (see page 33)





LIFT2MOVE - VPC POSITION CONTROL

lift2move

VERTICAL POSITIONING CONTROL



VPC FEATURES

- Lifting / lowering load handling attachment
- Programming stopping points
- Direct approach of up to 8 programmed stopping points

VPC POSITION CONTROL FOR OPTIMISED WORKFLOWS

The Vertical Positioning Control (VPC) enables a comfortable approach of up to eight freely programmable positions. Precise removal from racks and approaching workbenches or pallets at recurring heights is thus much easier. Fixed positions can also be approached quickly and easily in assembly applications. Move to the position manually only once, save it and save work, time and nerves in the future. Purely manual operation (fast/slow) is of course also possible.

PRODUCT HIGHLIGHTS:

- ▶ Enables high approach speeds
- ▶ Safe thanks to switch-off in the event of an overload/collision
- Automatic approach of max. 8 lifting heights with millimetre precision
- Easy programming
- Manual approach also possible





LIFT2MOVE SOLUTION 130 / 180 / 250

THE BATTERY-POWERED, MOBILE LIFTING AID

ADVANTAGES - FEATURES - OPTIONS

- Variable lift mast lengths and undercarriage design
- Safe handling guaranteed by sensor-controlled safety system
- Clever accessories and special solutions offer a wide range of possible combinations
- Maintenance-free spindle drive
- Tool-free exchangeable POWERPACK battery pack
- Height-adjustable operating elements for fatigue-free working
- Material-protecting end position switch-off via reed sensors
- Customised load suspension and undercarriage trolley variants possible
- Standard option of locking the front swivel castors for maximum castors for maximum ergonomics







LIFT2MOVE SOLUTION 130 / 180 / 250

TECHNICAL DATA

Technical data	lift2move 130
Payload / Net weight	130 kg / approx. 50 kg
Total height (depending on vertical travel)	1.624 / 1.974 / 2.324 / 2.674 mm
Vertical travel	1.150 / 1.500 / 1.850 / 2.200 mm
Lifting speed (100 % / 50 %)	approx. 108 mm/s / approx. 54 mm/s
Underrun length (UFL)	500 / 650 / 800 mm
Chassis width (FWB)	560 / 595 / 700 / 800 mm
Motor output / operating voltage	400 W / 24 V
Battery capacity Lead fleece	17 Ah
Battery capacity Lithium-ion (optional)	11 / 22 / 33 Ah
Castors, castor diameter (front/rear)	4 swivel castors, Ø 60 mm / 125 mm

Technical data	lift2move 180
Payload / Net weight	180 kg / approx. 55 kg
Total height (depending on vertical travel)	1.975 / 2.325 / 2.675 / 3.025 mm
Vertical travel	1.320 / 1.670 / 2.020 / 2.370 mm
Lifting speed (100 % / 50 %)	approx. 108 mm/s / approx. 54 mm/s
Underrun length (UFL)	400 W / 24 V
Chassis width (FWB)	500 / 650 / 800 mm
Motor output / operating voltage	560 / 595 / 700 / 800 mm
Battery capacity Lead fleece	17 Ah
Battery capacity Lithium-ion (optional)	11 / 22 / 33 Ah
Castors, castor diameter (front/rear)	4 swivel castors, Ø 60 mm / 125 mm

Technical data	lift2move 250
Payload / Net weight	250 kg / approx. 70 kg
Total height (depending on vertical travel)	1.975 / 2.325 / 2.675 / 3.025 mm
Vertical travel	1.320 / 1.670 / 2.020 / 2.370 mm
Lifting speed (100 % / 50 %)	approx. 108 mm/s / approx. 54 mm/s
Underrun length (UFL)	400 W / 24 V
Chassis width (FWB)	500 / 650 / 800 mm
Motor output / operating voltage	560 / 595 / 700 / 800 mm
Battery capacity Lead fleece	17 Ah
Battery capacity Lithium-ion (optional)	11 / 22 / 33 Ah
Castors, castor diameter (front/rear)	4 swivel castors, Ø 60 mm / 125 mm



DOUBLE LIFTER MAST FOR HANDLING OPERATIONS UP TO 400 KG

ADVANTAGES - FEATURES - OPTIONS

- Wide range of applications thanks to our proven modular system
- Shatterproof safety screen between the lift masts as standard
- Tool-free exchangeable POWERPACK battery pack
- Vertical Positioning Control (VPC) remote control with 6 programmable positions as extended equipment possible
- Maintenance-free spindle drive
- No risk of crushing due to redundant, sensor-controlled safety system for downward travel
- Material-protecting end-position cut-off via reed sensors
- Customised load suspension and trolley variants possible







TECHNICAL DATA

Technische Daten	lift2move 400
Number of lift masts	2
Payload / Net weight	400 kg / 150 kg
Total height (depending on vertical travel)	2.062 / 2.562 / 3.062 mm
Vertical travel	1.260 / 1.760 / 2.260 mm
Lifting speed (100 % / 50 %)	80 mm/s / 40 mm/s
Motor output / operating voltage	1.200 W / 24 V
Underrun length (UFL)	600 / 800 / 1.000 mm
Chassis width (FWB)	760 / 920 / 1.320 mm
Battery capacity Lithium-ion	33 Ah
Castors, castor diameter (front/rear)	2 fixed castors Ø 80 mm and 2 swivel castors Ø 100 mm

LIFT2MOVE SOLUTION 400

THE EXPRESSO POWERHOUSE WITH GREAT LIFTING FORCE

Like all EXPRESSO lifting aids, the lift2move solution 400 can be configured in a modular system and with special handling attachments for your individual application. It also has an enormous lifting capacity, which makes it an universally applicable powerhouse. The device can be loaded with 400 kg or 2,500 Nm and therefore offers a far wider range of applications than all other lifting aids.

LIFT2MOVE 400 - A CLASS OF ITS OWN

AS A SMART ADD-ON, WE RECOMMEND:

THE VPC POSITION CONTROL





LIFT2MOVE SELECTIVE S/M/L

UNIVERSAL LIFTING AID FOR STANDARD HANDLING OPERATIONS

ADVANTAGES - FEATURES - OPTIONS

- Lifting mechanism with maintenance-free spindle drive
- Available in three different overall heights
- Secure handling guaranteed thanks to safety clutch
- ▶ Two-speed remote control preset to: 100 % / 50 % lifting and lowering speed
- ▶ Height-adjustable push handle
- ▶ POWERPACK replaceable without tools
- Central brake arm (brake engaged, lock in direction of travel, free-wheeling)



lift2move selective

LIFT2MOVE SELECTIVE S/M/L

TECHNICAL DATA

Technische Daten – lift2move selective S/M/L	
Payload / Net weight (S/M/L)	125 kg / approx. 50 kg
Motor output / Operating voltage / Battery capacity	400 W / 24 V / 10 Ah (Lead fleece)
Lifting speed (100 % / 50 %)	approx. 80 mm/s / approx. 40 mm/s
Vertical travel	1.150 / 1.500 / 1.850 mm
Total height	1.625 / 1.975 / 2.325 mm
Total width / Width (inner edge chassis frame)	550 mm / 430 mm
Castors, castor diameter (front/rear)	4 swivel castors, Ø 60 mm / 125 mm
Underrun height (UFH) / Underrun length (UFL)	88 mm / 500 mm

STANDARD LOAD HANDLING ATTACHMENTS

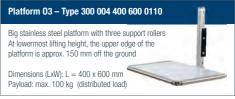












Boom - Type 300 041 759 301

Boom with sliding sleeve including a rotating eyelet and a safety load hook.

Lenath: 450 mm

Payload: max. 90 kg (on the load hook)

Lifting height: 400 mm (from lower edge of boom)



6-FOLD HOLDING DEVICE

For holding 6 uniform plastic containers on top of each other in the recessed grip





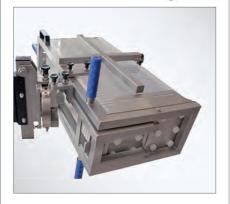
FORK WITH ADJUSTABLE TINES Via linear guide in the width adjustable pick-up fork



SPHERICAL PLATFORM WITH TURNING / TILTING FUNCTION

For picking up and turning of tray stacks

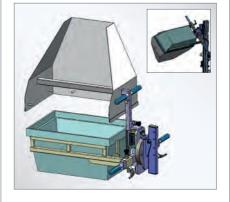




ROTATING FORK WITH POURING AID

Manually adjustable Fork for holding containers, rotatable 180 degrees rotatable, with pouring aid





HANDLING OPTIONS / EXAMPLES

SWIVELLING ROLLER PLATFORM

Roller platform with swivel function for horizontal movement of large plates















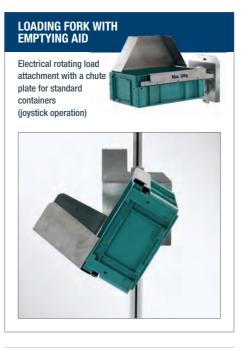


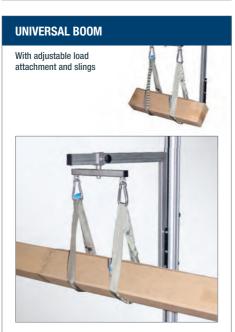




HANDLING OPTIONS / EXAMPLES

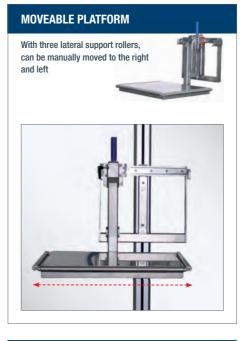
















HANDLING OPTIONS / EXAMPLES







Adjustable clamping fork with support rollers and manual rotating device for round goods with differing diameters



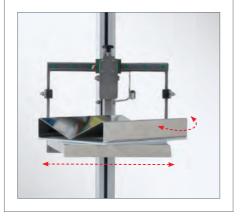








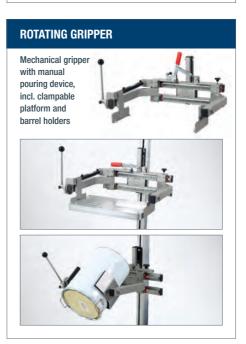












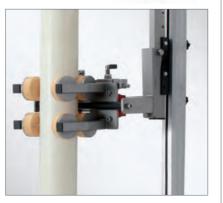
HANDLING OPTIONS / EXAMPLES

Pivotable mandrel with 90° rotation angle around centre of gravity for picking up and handling rolls with a hollow core











Plat fork profile for the simultaneous lifting and de-stacking of two containers







HANDLING OPTIONS / EXAMPLES

















FLASK GRIPPER

HANDLING OPTIONS / EXAMPLES

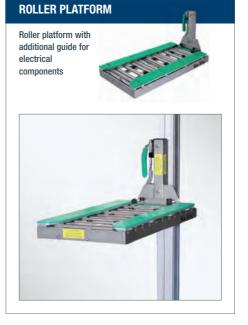












TILTING CANISTER GRIPPER

With roller platform for the easy loading and discharging of canisters, safety bar and 360° rotating function (joystick operation)





ROTATING PLATFORM

With safety guard and electrical rotary module for handling containers/ baskets





FORK WITH ELECTRIC ROTATING UNIT

Fork for handling and tilting containers with front pouring device





ROTATING CONTAINER FORK

Adjustable fork for picking up and pouring mobile plastic containers with electrical rotating unit.





HANDLING OPTIONS / EXAMPLES









ELECTRIC ROTATABLE GRABBER

Electrically adjustable gripper

LIFT2MOVE -

CHASSIS FRAME VARIANTS

Besides the standard lift2move chassis frames, the individually manufactured chassis frame variants also offer optimal stability thanks to the high-stability chassis frame design as well as generous legroom for the user. The chassis frame can be individually tailored to the requirements of the workflow within the company. This enables safe, speedy transport and manoeuvring with completely natural movements and increases the occupational safety.

The figures below show a range of options:

NARROWLINE

lift2move special running gear with reduced width in front of the lift mast

Suitable for working areas with limited access.







SHORTLINE

lift2move special running gear, chassis alignment to the rear with additional counterweight and sliding adapter

Suitable for applications where e.g. a machine cannot be moved underneath during the workcannot be driven under.







WIDELINE

lift2move special chassis for special tipping safety with off-centre load centre of gravity

Suitable for work processes where pallets, machines, etc, etc. have to be driven around.







THE STATIONARY VARIANT

This lift2move variant can be firmly anchored to the floor or mounted on the wall in locations where it is in continuous use.

The stationary variant is ideal for workplaces where products and materials must be raised to different heights. Work processes such as stocking roller shelves and test racks, feeding a machine, or handling tools, are made efficient and ergonomically optimised by this stationary lifting aid. This model of the lifter product family also offers all the advantages that make working procedures safer and more efficient.



Stationary lift2move for wall mounting



Stationary version with angle profile for floor mounting



External power unit and remote control



EXPRESSO ON-SITE SERVICEFAST AND FLEXIBLE

MORE EFFICIENT USE WITHOUT COMPROMISE

What would a quality product be without corresponding service that fulfils all requirements competently, flexibly, and at short notice — thereby ensuring efficient and smooth operations with your EXPRESSO equipment? Besides the replacement of parts and annual inspections, our service technicians will optimise the use of your transport solution.

Thanks to regular inspections, wearing parts can be replaced in good time. In this way, you prevent downtime, extend the service life of your devices and ensure that your employees can work safely with the lifting aids.



Technical support: In most cases, a brief call is enough to help you in the event of a malfunction or minor defect. Our technical support is always at your side with advice and will quickly find a solution together with you so that your EXPRESSO device is quickly operational again.

However, should a service technician be required, we will gladly arrange an appointment with you:

Tel.: +49 (0)5 61 95 91-2233 Fax: +49 (0)5 61 95 91-2138

E-mail: serviceteam@expresso.de

EXPRESSO SERVICE PROVISION

QUALIFIED AND COMPETENT

EXPRESSO ORIGINAL PARTS

- Our machines are subject to strict quality controls at the time of delivery.
 However, if a wearing part needs to be replaced, use EXPRESSO original parts.
- > On request, the replacement of spare parts can be carried out by an EXPRESSO service technician directly on site.

MAINTENANCE AND MODERNISATION

- Maintenance, including DGUV testing, is carried out at regular intervals by an EXPRESSO service technician carried out. This ensures the longest possible service life for your equipment. If necessary we replace wearing parts immediately.
- The EXPRESSO service technician checks the proper condition of your appliances.
- If a device is damaged or defective, the EXPRESSO service technician will carry out a repair.
- The installation of new software updates or software adapted to your requirements is also part of our service.
 of our services.

INSTALLATION

- Trained EXPRESSO employees will assemble complete systems and carrier systems for your lifting equipment.
 of your lifting equipment for you.
- Your special requirements and operational conditions are taken into account.
- You decide whether you need the complete package or individual service modules for the assembly.

COMMISSIONING AND PRODUCT INSTRUCTION

- Our service technicians come to your site.
- Expert installation and commissioning of your units.
- Direct product instruction on site: On request, our service technicians will train your







EXPRESSO MAINTENANCE PACKAGES

INDIVIDUAL FOR ALL PRODUCTS

SAFE ALL ROUND WITH THE EXPRESSO MAINTENANCE PACKAGE

- The regulations of the Employer's Liability Insurance Association are binding for companies with regard to health and safety at work. health and safety at the workplace. Our qualified service technicians inspect the equipment in accordance with the regulations (in accordance with DGUV regulations).
- The EXPRESSO service technician will carry out this inspection properly on site at the required intervals
 and enters the results in the corresponding inspection book.
- Our maintenance packages offer you the following advantages: EXPRESSO automatically monitors the inspection intervals for you and and schedules the maintenance dates for you. On-site service and attractive prices round off the package.

YOUR ADVANTAGES AT A GLANCE

- Exclusive service for all EXPRESSO lifting equipment, industrial trucks and loading equipment in use.
 products in use: lift2move solution, lift2move selective, products of the BalanceLift series, eBalanceLift and easyMoveR®.
- Our optimal route planning according to economic aspects keeps your travel costs low.
- The EXPRESSO complete package: Annual maintenance incl. DGUV inspection (with documentation in an inspection book) as well as maintenance and, if necessary, repair including immediate replacement of spare parts.
- We offer technical advice for optimal use adapted to your individual task.

EXPRESSO MAINTENANCE SERVICES INCL. DGUV TESTING:

- Visual/function test with documentation (incl. test according to DGUV regulations)
- Qualified inspection: All inspections are carried out by a "qualified person"
- Maintenance and servicing: Care and maintenance by the manufacturer
- Immediate replacement of defective individual parts with EXPRESSO original spare parts (required materials will be charged separately)
- On-site service
- Certification with award of inspection sticker
- Proper documentation
- Including small materials and repair work up to 15 minutes (plus materials)



YOUR SERVICE CONTACT

If you have any questions about your device, experience a malfunction or if you require technical advice concerning your individual tasks, you can contact us in the following ways:

Tel.: +49 (0)5 61 95 91-2233 | E-mail: serviceteam@expresso.de



EXPRESSO PRODUCT DIVERSITYOUR PERFORMANCE AREAS



MANUAL TRANSPORT EQUIPMENT

Here you will find intelligent products that will facilitate your manual work and make handling and moving processes safer, gentler and more efficient: hand trucks, four-wheel trolleys and baggage cart systems



POWERED HANDLING SYSTEMS

In this area you will find motorised solutions used for lifting, handling and transporting goods of all kinds.

lift2move and BalanceLift



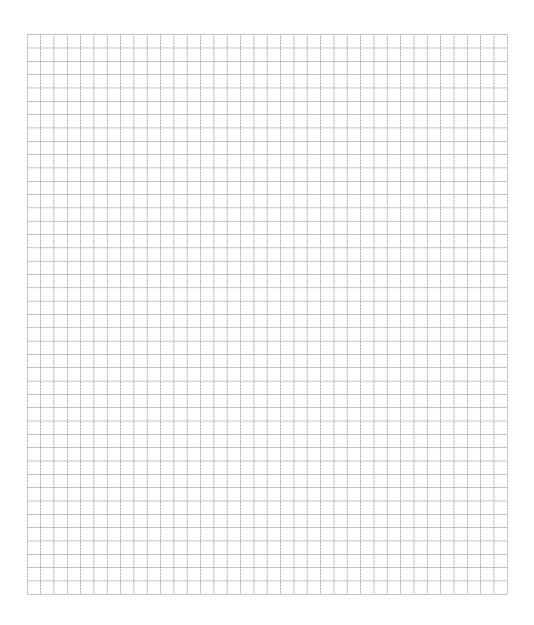
SAFETY AND LOADING TECHNOLOGY

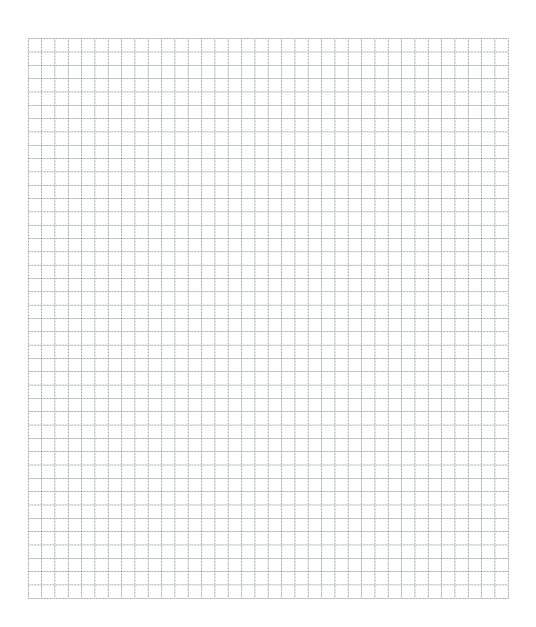
Our diverse range will offer you everything in the areas of ramp safety and loading equipment that enables, simplifies and increases the safety of loading and unloading vehicles.



ON REQUEST, WE WILL GLADLY SEND YOU INFORMATION MATERIAL ABOUT OUR OTHER PRODUCTS!

NOTES







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