



Stair climber plus system – heavy goods transported by a single person with electrically-powered hand truck

A climbing aid that has become established all over Europe during the past 20 years converts a professional hand truck into a perfect assistant for handling heavy and bulky loads.

Manhandling bulky or heavy items such as office copiers, building & workman's materials, beverage crates, drums, washing machines, refrigerators, etc. up or down stairs and ramps is extremely strenuous work. Here, an electrically-powered stair climber provides invaluable assistance, particularly if it can be stored easily in a vehicle. EXPRESSO, the supplier of transport equipment in Kassel, Germany, now offers an aluminium hand truck with a climbing technology that has been in successful use all over Europe since 20 years. For persons required to move heavy or bulky goods via stairs and over ramps single-handedly, this climber is an indispensable and ergonomic companion.

On level ground, the transport device offers all the handling convenience of a professional hand truck. But on stairs, and thanks to its battery-powered drive, the unit really shows its capabilities: Payloads up to 140 kg can be transported safely and without any effort.

Safety has top priority – the safety braking system

When going down stairs, the safety brakes automatically stop the device on the first step, and – thanks to the perfected climbing drive – the load is moved downwards safely and smoothly, step by step. Climbing up stairs is just as safe and easy. The user “guides” the climber and its valuable load to his/her destination stably and easily. With a climbing rate of up to 30 steps per minute and a battery capacity for up to 20 floors (depending on load), EXPRESSO's stair climber is an extremely reliable transport assistant.

The uprights of the stair climber can be swivelled through 20 degrees, thus permitting the operator to maintain an ergonomic working position. The drive with continuously adjustable speed is activated conveniently via one of the ergonomic dog-ear handles. The handles also permit ideal load handling with a low center of gravity. Moreover, integrated knuckle guards prevent injuries when manoeuvring in narrow staircases and tight spaces.

The stair climber is a typical product based on EXPRESSO's aluminium modular system, with all the advantages such as a reliable spare parts service. Furthermore, you can choose from a wide range of footplates. Manufactured of heavy-duty elliptical aluminium tubing, the hand truck also comes with numerous protective profiles that prevent damage to the load.

For recharging, the battery pack is simply plugged into the charging unit supplied. EXPRESSO also supplies a 3,00 m long ratchet strap for securing the load reliably. Further accessories include an extra battery pack and a practical charging adapter for connecting to the vehicle's electric system, thus ensuring that the stair climber is always ready for operation.

Last not least, 'unflattable' tyres underline the stair climber's operational reliability.

Characters: 2595

EXPRESSO Deutschland GmbH

Antonius-Raab-Str. 19

34123 Kassel

Tel.: +49 (0)561 9591 0

Fax: +49 (0)561 9591 198

E-mail: expressoinfo@JLU.de

www.expresso.de

Press contact: Bettina Cremer, Marcom Dept. • Tel.: 0561 9591 150 • e-mail: bcremer@JLU.de