



molift®

Molift Rail System

Products and components

A caregiver with a beard and glasses, wearing a white polo shirt, is assisting an elderly male patient in a hospital bed. The patient is wearing a blue t-shirt and glasses. A green and white striped hoist sling is suspended from a ceiling-mounted metal frame, supporting the patient. The bed has white side rails and a blue mattress. The background shows a window with vertical blinds.

Etac - Creating Possibilities

Founded in 1973, Etac is a world-leading developer and provider of ergonomic assistive devices and patient handling equipment. Through our specialised product brands, we offer state-of-the-art products for a wide range of daily needs and care settings, for people at all stages of life. Whether the solution is for a child or an elderly person, our aim is to promote the individual's abilities and improve the caregiver's work environment – through quality, functionality and design.

molift®

Molift by Etac - Ergonomic hoists, slings and transfer assistive devices enabling safe and comfortable transfers with both caregivers and users in mind.

Thoughtful ergonomics and low cost of ownership

Molift offers a range of ergonomic solutions for moving and handling individuals with reduced mobility. Our commitment to collaborating with healthcare professionals has enhanced the quality of life for users while ensuring caregiver safety.

Smart, cost-effective hoisting

Molift Rail System and ceiling hoists combine smart design with high quality, ensuring reliable performance and a long lifespan. Designed for seamless integration into various care environments, they enhance user mobility while prioritising caregiver safety. With low service costs and minimal maintenance, Molift Rail System offer a cost-effective solution without compromising safety or efficiency. The ergonomic design reduces strain on caregivers, improving workflow and preventing injuries.

Reliable Quality and support

Molift offers durable, well-designed solutions that are built to last. Our team provides expert guidance, installation support, and training to help ensure the best possible use and long-term value.

Download the *Molift Rail System - Project Guide* for installation guidance.



Our standards

Molift products are in compliance with ISO 10535 - Assistive products - Hoists for the transfers of persons.

Systems for quality assurance

We are working according to ISO 13485, which means that all our work processes, from product development and production of the products to their delivery meets the most stringent medical device quality requirements. Our production site is ISO 13485 certified.

Traceability

Molift meets all the requirements of ISO 13485 with regard to traceability of our products. All our hoists and slings have bar codes and unique serial numbers to facilitate traceability for our distributors on their market.

Environmental requirements

We work continuously to minimise the impact of our products and operation regarding the environment, i.e., raw materials, emissions, recycling, and consumption and our manufacturing site is ISO 14001 certified.

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Molift ceiling hoists

The lifting function on all Molift Air hoists is performed by a battery-driven motor. All hoist types run on a rail system with a 'smart quick release' function from the trolley, which makes it very easy to engage/disengage the hoist.

Recharging of Molift Air hoists is either by a hand control charger or by in-rail charging, which is performed automatically across the rail layout.

Molift Nomad hoists can only be charged via hand control.

Molift Air Tilt is a hoist type with a motor-driven sling bar, enabling accurate and efficient positioning of the user without causing strain on the caregiver.

All Molift hoists have built-in software as standard (the Service Tool'), enabling data gathering on the use of the hoist. The software can provide service alerts and technical trouble-shooting, as well as allowing verification and adjustment of key parameters.



Molift Air 200

SWL 205 kg

Molift Air 200 (Li-ion) M26201
 Molift Air 200 (SLA) M26200
 Molift Air 200 - IRC (SLA) M26356
 Molift Air 200 - IRC Propulsion (SLA) M26358
 Molift Air 200 - Propulsion (SLA) M26359



Molift Air 350

SWL 350 kg

Molift Air 350 (Li-ion) M26351
 Molift Air 350 (SLA) M26350
 Molift Air 350 - IRC (SLA) M26354
 Molift Air 350 - IRC Propulsion (SLA) M26353
 Molift Air 350 - Propulsion (SLA) M26352



Molift Air 500

SWL 500 kg

Molift Air 500 (SLA) M26500



Molift Nomad 205/255

SWL 205/255 kg

Molift Nomad 205 M22205
 Molift Nomad 255 M22255

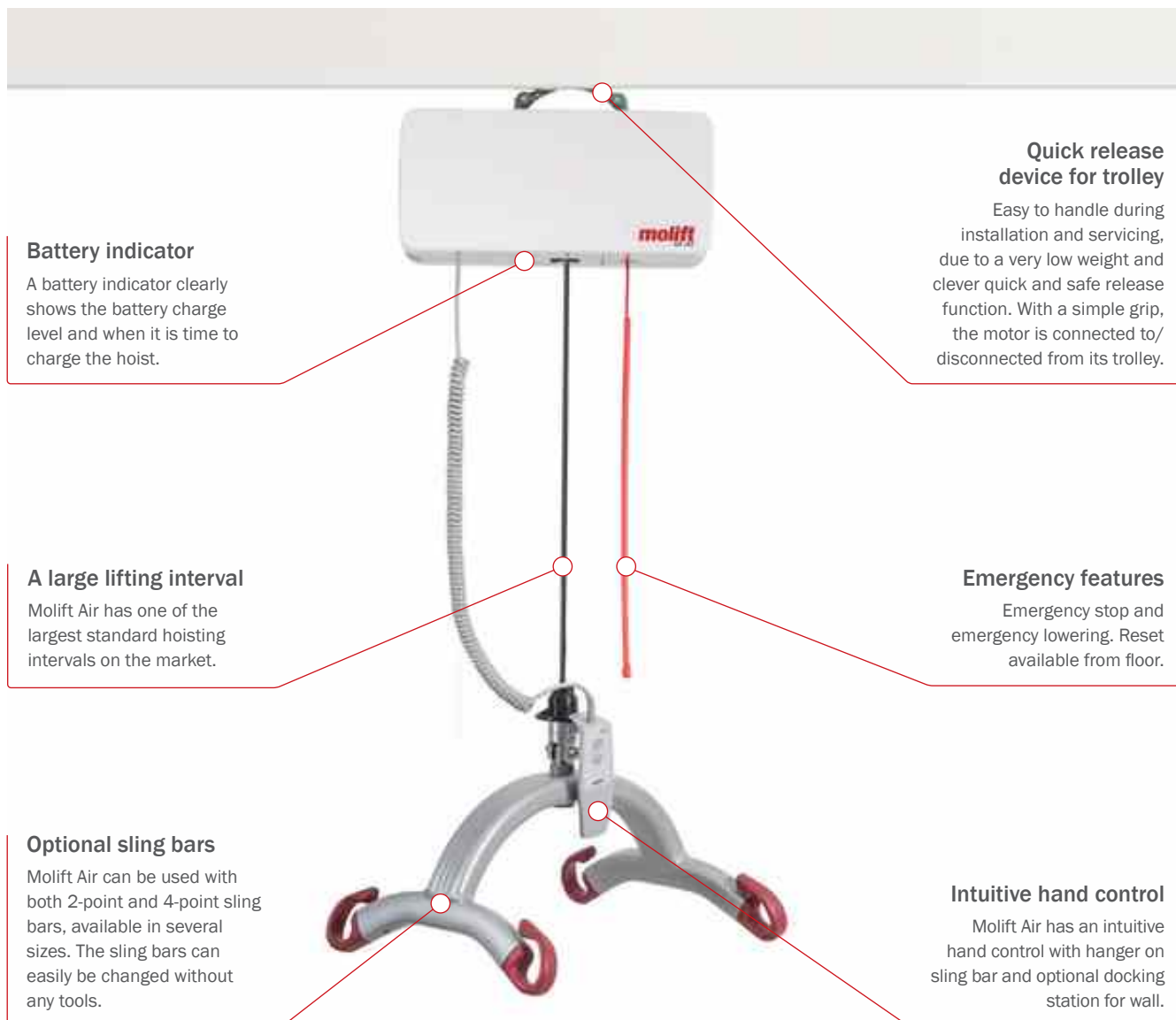


Molift Air Tilt

SWL 273 kg

Molift Air Tilt (SLA) M26355

All models includes hoist, handcontrol and charger



Battery indicator

A battery indicator clearly shows the battery charge level and when it is time to charge the hoist.

Quick release device for trolley

Easy to handle during installation and servicing, due to a very low weight and clever quick and safe release function. With a simple grip, the motor is connected to/ disconnected from its trolley.

A large lifting interval

Molift Air has one of the largest standard hoisting intervals on the market.

Emergency features

Emergency stop and emergency lowering. Reset available from floor.

Optional sling bars

Molift Air can be used with both 2-point and 4-point sling bars, available in several sizes. The sling bars can easily be changed without any tools.

Intuitive hand control

Molift Air has an intuitive hand control with hanger on sling bar and optional docking station for wall.



For more product information and specifications. Scan the QR code.

Accessories



Molift Air scale class III

SWL 300/400 KG

Scale Molift Air 2001840000
Scale Molift Air 350/500 1431021



Molift Nomad scale class III

SWL 300 kg

Scale Molift Nomad1100235



Room to room transfer

Unit for Molift Air2510295

Sling bars

Exchangeable sling bars for Molift Air



4-point sling bars

SWL 350 kg

4-pt 350 mm Small2530210
4-pt 450 mm Medium2530211
4-pt 550 mm Large2530212
4-pt 650 mm Extra large2530213



2-point sling bars

SWL 350 kg

2-pt 350 mm Small2530115
2-pt 450 mm Medium2530120
2-pt 550 mm Large2530125



2-point pig tale sling bars

SWL 350 kg

2-pt 350 mm Small1830033
2-pt 450 mm Medium1830032
2-pt 550 mm Large1830031



4-point pig tale sling bar

SWL 500 kg

4-pt 550 mm, Large 2510435



8-point sling bar

For transfer situations with a fabric stretcher.
SWL 300 kg

8-pt sling bar2140003
8-pt sling bar with Balance bar2140004



Sling Bar Parking

For 2-point sling bars

Sling Bar Parking 1831100



Rail system components



Profiles, lengths

Type	Height	Item no. 3 m	Item no. 4 m	Item no. 5 m	Item no. 6 m	Item no. 7 m	Item no. Tailor made*
Rail CC/P	62 mm	1109001-3m	1109001-4m	1109001-5m	1109001-6m		1109001
Rail OC/P	62 mm	1109003-3m	1109003-4m	1109003-5m	1109003-6m		1109003
Rail DC/P	62 mm	1109005-3m	1109005-4m	1109005-5m	1109005-6m		1109005
Rail OC/P	112 mm	1109009-3m	1109009-4m	1109009-5m	1109009-6m		1109009
Rail OC/P	142 mm	1109011-3m	1109011-4m	1109011-5m	1109011-6m	1109011-7m	1109011
Rail W/P	85 mm	1109160-3m	1109160-4m	1109160-5m	1109160-6m		1109160

*Tailor made rails can be ordered when a specific length is required. Remember to specify required lengths of each article.



Profiles, Curves

Type	Height	Item no. 30°	Item no. 45°	Item no. 60°	Item no. 90°
Rail CC/P	62 mm	1109105	1109106	1109107	1109108
Rail OC/P	62 mm	1109135	1109136	1109137	1109138
Rail DC/P	62 mm	1109145	1109146	1109147	1109148



Telescope bracket set

80-125 mm	1109700
120 - 200 mm	1109710



Support Telescope

Ceiling Brackets	1109845
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Tubular cover and ceiling flange is ordered separately when required



Telescope bracket set

190 - 305 mm	1110120
290 - 400 mm	1110025



Tubular cover and flange

Length 500 mm	1110142
Flange	1109826

Telescope bracket set

750-1000 mm	1100040
950-1200 mm	1110045
1150-1400 mm	1110050
1350-1600 mm	1110055
1550-1800 mm	1110060
1750-2000 mm	1110065



Rail attachments accessories

T-Profile washer	1109307
Multibolt 20 mm	1109306
Multibolt 40 mm	1109432



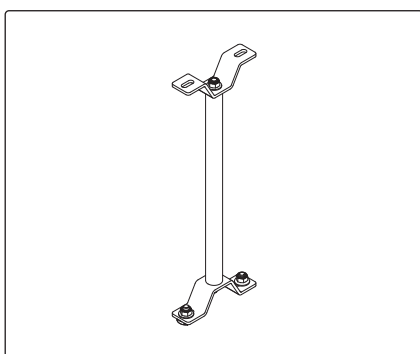
Mounting kit

Screw set for telescope bracket	1109740
Multibolt 20 mm kit	2520221



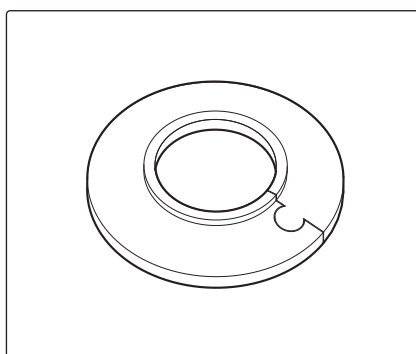
Ceiling bracket set

Ceiling bracket set 40 mm	1109695
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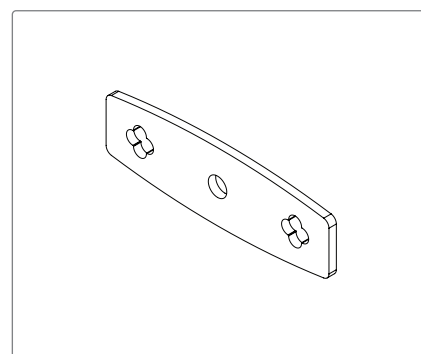
Threaded rod w/brackets

M10 Set 1 Meter..... 1109910
M10 Set 2 Meter..... 1109912
3/8" Set 36 Inches 1109940
3/8" Set 72 Inches 1109942



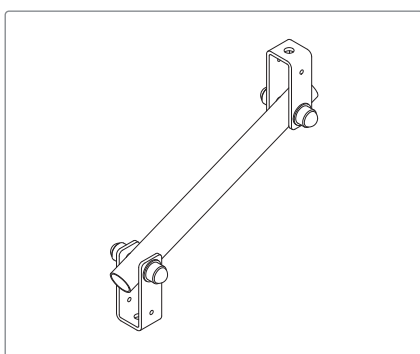
Accessory for threaded rod

Sleeve LKF62/28,5/7 1120338



Accessory for threaded rod

Mounting plate for wood rafters..... 1109696



Support set

M10 Support Set 1 Meter 1109920
M10 Support Set 2 Meter 1109922
3/8" Support Set 36 Inches..... 1109950
3/8" Support Set 72 Inches..... 1109952



Joint mounting kit Short

Used when the bracket is placed above the rail joint.

Joint mounting kit short..... 1109350



Joint mounting kit Long

Used when the bracket is placed beside the rail joint.

Joint mounting kit long 1109450



End stoppers

End stop for motor trolley 1109410
End stop for traverse trolley..... 1109411



End caps

End cap rail H62 1109340
End cap rail H112 1109341
End cap rail H142 1109342



Upright support H-rail assembly

Lenght 2500 mm 1109220
Lenght 3500 mm 1109225
Lenght 2615 mm (Slim)..... 1109265



Upright support W-rail assembly

Lenght 2500 mm 1109210
Lenght 3500 mm 1109215



Traverse coupling

T H62/142 - F H62/142..... 1109960
T H62/142 - F H112 1109960-112
T H112 - F H62/142 1109970
T H112 - F H112..... 1109970-112



Rail switch

Rail switch 1109066



Wall bracket unit

Bracket.....1109259



Installation example 1



Installation example 2



Installation example 3



Installation example 4



Installation example 5



Free standing gantry systems

Molift Quattro - A free standing room covering gantry system



Molift Duo - A free standing single gantry system



Product name	Rail length	Item no.
Molift Quattro	3000 x 3000 mm	1600030
Molift Quattro	4000 x 4000 mm	1600035
Adjustable foot		1610200

Facts

Height 2190 mm (2240 - 2290 mm with adjustable foot) The length of the posts are fixed. The lowest allowed distance from floor to ceiling is 2.40 meters.
Maximum user weight (SWL) 300 kg

Product name	Rail length	Item no.
Molift Duo 2000	2000 mm	1600013
Molift Duo 2500	2500 mm	1600015
Molift Duo 3000	3000 mm	1600017
Molift Duo 3500	3500 mm	1600019

Facts

Adjustable height: min 2250 mm/max 2550 mm
Fixed lengths
Maximum user weight (SWL) 300 kg

Trolleys



Trolley - Molift Air

Trolley Molift Air 2002520000



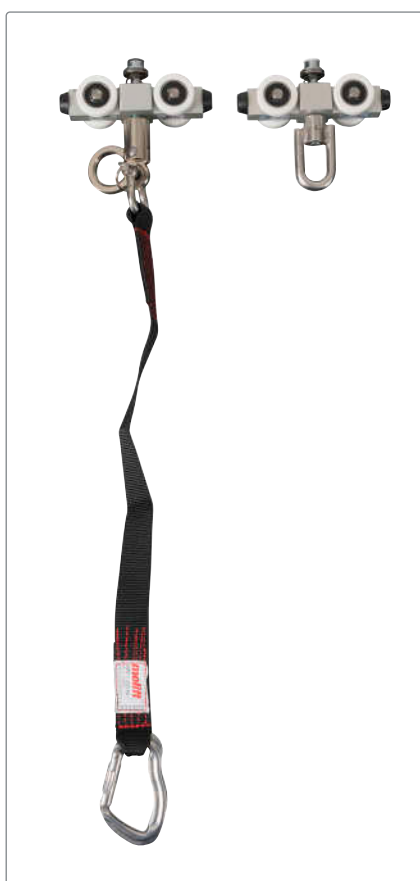
Trolley - Molift Air

Trolley Molift Air 5002520031



Propulsion trolley - Molift Air

Molift Air 3502500103



Trolley - Nomad for climbing

Length 500 mm 1109112-50
Length 650 mm 1109112-65
Length 800 mm 1109112-80

Trolley - Nomad

Standard trolley 1109109



Travers trolley

Set including 2 trolleys (for boxed traverses use 1109592)

Traverse trolley set, high 1109580
Traverse trolley set, medium 1109590
Traverse trolley set, low 1109592



Travers trolley - Curtain pass through

Set including 2 trolleys, SWL 500 kg

Trolley set CPT1109596



Travers trolley - Wall mounted

Set including 2 trolleys, SWL 500 kg

Trolley set for RH112 1109163
Trolley set for RH142 1109166



Mounting kit - Travers trolley

Including bolts, nuts and washers

Traverse mounting kit1109345
Traverse mounting kit, boxed1109353

In rail charging



Standard trolley IRC

For Molift Air 3502520002



Propulsion trolley IRC

For Molift Air 3502520006



Traversal trolley IRC

Set including 2 trolleys and 1 IRC pickup

Traversal trolley set IRC, high 1109581

Traversal trolley set IRC, medium..... 1109591

Traversal trolley set IRC, low 1109594



Connections IRC

Connection RH62..... 2510224

Connection RH1122510225

Connection RH142.....2510226



In rail charging power supply

Including bracket and mounting screws

Power supply 2510119



Conductive tape IRC

Application tool..... 2510125

Conductive tape 2510101





Etac is a world-leading developer of innovative assistive devices and patient handling equipment. Since 1973, we have been committed to improving quality of life for the individual, family members and caregivers.

For the intended purpose of the products and latest information, please visit www.etac.com

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