Ergonomic solutions that set the standard

Molift offers a comprehensive range of flexible ergonomic solutions within moving and handling, for people with reduced mobility. Our long-standing tradition of setting new standards, in consultation with healthcare professionals, has enhanced the quality of life for users while protecting carers.

Benchmarking value and expertise

Family members, healthcare professionals and users have first-hand knowledge of the risks of moving and lifting, so using the most efficient and safe product is of paramount interest for all involved.

Molift products offer value for money, optimise user mobility and enhance their quality of life. The products require minimal physical exertion from healthcare professionals which, in turn, promotes the reduction of work-related injuries and increase carers' safety and productivity. These safe and efficient methods afford carers the opportunity to devote more time to personal care.

Affordable safety

Molift assists healthcare professionals to select the best solution to meet their users’ needs and create a safe and effective workplace environment for carers. Well-researched expert advice, analytical tools and coordinated installation services contribute to Molift products and systems being integrated seamlessly into all types of environments.

However, our collaboration doesn’t stop there! We also offer professional training that allows carers to not only select the most appropriate solution but also help them to continue to operate the product in the most effective way.

Once in operation, carers can feel safe in the knowledge that Molift’s comprehensive maintenance service means that they will have access to a technical support team when required.

A history of safety, design and expertise

Molift, a brand in the Etac Group, has developed products and services in the assistive technology industry since the 1980’s. Molift’s had the foresight to consult healthcare professionals for expert advice and to then transfer that knowledge into the production of a range of hoisting and transfer solutions. We aim to continue to set new industry standards for functionality, durability, cost effectiveness and even design. Indeed, throughout our long and rich history, we have received numerous international design awards.
Our standards
Molift products’ manufacturing unit, Etac Supply Gjovik AS, is certified in accordance to ISO standards. This affects how we drive and safeguard the quality of our products and our processes.

Systems for quality assurance
We are certified according to ISO 9001, which means that all our work processes, from product development and production to the products and their delivery meets the most stringent quality requirements.

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 operation on the environment, and we are certified according to ISO 14001. This standard contains legal requirements on raw materials, emissions, recycling and power consumption.

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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 which makes it very easy to engage/disengage the hoist.

Recharging of Molift Air hoists is either by manual means or by in-rail charging, which is performed automatically across the rail layout.

Molift Nomad hoists can only be charged manually. 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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Including</th>
<th>Item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molift Air 200</td>
<td>SLA Battery</td>
<td>26200</td>
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<td>Molift Air 200</td>
<td>Lithium Battery</td>
<td>26201</td>
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<td>Molift Air 350</td>
<td>SLA Battery</td>
<td>26350</td>
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<td>Molift Air 500</td>
<td>SLA Battery</td>
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Molift Nomad
Max. hoisting capacity 160-255 kg

Molift Nomad 160
NiMH Battery
22160

Molift Nomad 205
NiMH Battery
22205

Molift Nomad 230
NiMH Battery
22230

Molift Nomad 255
NiMH Battery
22255

All models includes hoist, handcontrol and charger
### Facts

<table>
<thead>
<tr>
<th></th>
<th>Molift Air 200</th>
<th>Molift Air 350</th>
<th>Molift Air 500</th>
<th>Molift Nomad</th>
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<tbody>
<tr>
<td>Maximum user weight</td>
<td>205 kg</td>
<td>350 kg</td>
<td>500 kg</td>
<td>160-255 kg</td>
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<tr>
<td>SWL</td>
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<td>Total weight (with</td>
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<td>15 kg</td>
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<td>Hoisting interval</td>
<td>30 mm/sec</td>
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<td>Expected lifetime</td>
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<td>Molift Service Tool</td>
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<td>Emergency lowering</td>
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<td>Mechanical/Electrical</td>
<td>Mechanical/Electrical</td>
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<td>Emergency stop</td>
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<td>Yes, Reachable from floor</td>
<td>Yes, Reachable from floor</td>
<td>Yes</td>
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<tr>
<td>hand control &amp; hoist</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>motor</td>
<td></td>
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</table>

### 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.

### A Large Lifting Interval

With its 3 meters lifting strap, Molift Air has one of the largest standard hoisting intervals on the market.

### 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.

### Emergency Features

Emergency stop and emergency lowering. Reset available from floor.

### Intuitive Hand Control

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

**Molift Air scale class III**
For Molift Air 200/205/300/350.... 1840000

**Molift Nomad scale class III**
For Molift Nomad ...................... 1100235

**Room to room transfer**
Unit for Molift Air ...................... 2510295

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**Sling bars**
Exchangeable sling bars for Molift Air

**4-point sling bars**
SWL 350 KG
- 4-pt 350 mm Small .............. 2530210
- 4-pt 450 mm Medium ............ 2530211
- 4-pt 550 mm Large ............. 2530212
- 4-pt 650 mm Extra large ....... 2530213

**2-point sling bars**
SWL 350 kg
- 2-pt 350 mm Small .............. 2530115
- 2-pt 450 mm Medium ............ 2530120
- 2-pt 550 mm Large ............. 2530125

**8-point sling bar**
For transfer situations with a fabric stretcher.
SWL 300kg
- 8-pt sling bar One size ......... 2140003

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**4-point pig tale sling bar**
Bariatric, SWL 500 kg
- 4-pt 550x550 mm, Large ......... 2510435

**2-point pig tale sling bars**
SWL 350 kg
- 2-pt 350 mm Small .............. 1830033
- 2-pt 450 mm Medium ............ 1830032
- 2-pt 550 mm Large ............. 1830031
Rail system components

Profiles, lengths

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<thead>
<tr>
<th>Type</th>
<th>Height</th>
<th>Item no. 3 m</th>
<th>Item no. 4 m</th>
<th>Item no. 5 m</th>
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<th>Item no. Tailor made*</th>
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<td>Rail CC/P</td>
<td>62 mm</td>
<td>1109001-3m</td>
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<td>Rail OC/P</td>
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<td>Rail OC/P</td>
<td>142 mm</td>
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<td>Rail W/P</td>
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<td>1109160-6m</td>
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*Tailor made rails can be ordered when a specific length is required. Remember to specify required lengths of each article.

Profiles, Curves

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<th>Type</th>
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<tr>
<td>Rail DC/P</td>
<td>62 mm</td>
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<td>1109146</td>
<td>1109147</td>
<td>1109148</td>
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</table>
Telescope bracket set
80-125 mm .......................... 1109700
120-200 mm ......................... 1109710

Support Telescope
Ceiling Brackets .......................... 1109845
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
Multibolt 40 mm kit ..................... 1109435

Ceiling bracket set
Ceiling bracket set 40 mm .............. 1109695

**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

**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

**Accessory for threaded rod**
- Mounting plate for wood rafters ....1109696
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 W-rail assembly
Length 2500 mm ......................... 1109210
Length 3500 mm ......................... 1109215

Upright support H-rail assembly
Length 2500 mm ......................... 1109220
Length 3500 mm ......................... 1109225

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 W-rail assembly
Length 2500 mm ......................... 1109210
Length 3500 mm ......................... 1109215

Rail modification for traverse switch
Rail RH62 OC ........................... 1109671
Rail RH142 OC .......................... 1109672

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 Quattro
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

Molift Duo - A free standing single gantry system

Molift Duo 2000
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 200 .......................... 2520000
- Trolley Molift Air 500 .......................... 2520031

Propulsion trolley - Molift Air
- Molift Air 205/300/350 ......................... 2500103

Mounting kit - Travers trolley
- Including bolts, nuts and washers
- Traverse mounting kit .......................... 1109345
- Traverse mounting kit, boxed ................. 1109353

Travers trolley - Wall mounted
- Set including 2 trolleys, SWL 500 kg
- Trolley set for RH112 ......................... 1109163
- Trolley set for RH142 ......................... 1109166

Travers trolley - Curtain pass through
- Set including 2 trolleys, SWL 500 kg
- Trolley set CPT ................................. 1109596

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 - Nomad for climbing
- Length 500 mm ............................... 1109112-50
- Length 650 mm ............................... 1109112-65
- Length 800 mm ............................... 1109112-80

Travers trolley - Nomad
- Standard trolley ............................... 1109109

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 kit ....................... 1109345
- Traverse mounting kit, boxed .......... 1109353
In rail charging

**Standard trolley IRC**
For Molift Air 205/300/350 ............2520002

**Propulsion trolley IRC**
For Molift Air 205/300/350 ............2520006

**Traverse trolley IRC**
Set including 2 trolleys and 1 IRC pickup
- Traverse trolley set IRC, high ..........1109581
- Traverse trolley set IRC, medium ......1109591
- Traverse trolley set IRC, low ..........1109594

**Connections IRC**
- Connection RH62 .....................2510224
- Connection RH112 ....................2510225
- Connection RH142 ....................2510226

**In rail charging power supply**
Including bracket and mounting screws
- Power supply ..........................2510224

**Conductive tape IRC**
Application tool ..........................2510125
- Conductive tape .......................2510101

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