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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In rail charging ................................................... 15
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.

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Molift Air 200
Max. hoisting capacity 205 kg

Molift Air 350
Max. hoisting capacity 350 kg

Molift Air 500
Max. hoisting capacity 500 kg

Molift Nomad
Max. hoisting capacity 160-255 kg

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<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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<tr>
<td>Molift Air 200</td>
<td>Lithium Battery</td>
<td>26201</td>
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<tr>
<td>Molift Air 350</td>
<td>SLA Battery</td>
<td>26350</td>
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<td>Molift Air 350</td>
<td>Lithium Battery</td>
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<td>Molift Air 500</td>
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<td>26500</td>
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<td>Molift Nomad 160</td>
<td>NiMH Battery</td>
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<td>NiMH Battery</td>
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<td>Molift Nomad 230</td>
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<td>Molift Nomad 255</td>
<td>NiMH Battery</td>
<td>22255</td>
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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>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum user weight (SWL)</strong></td>
<td>205 kg</td>
<td>350 kg</td>
<td>500 kg</td>
<td>160-255 kg</td>
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<tr>
<td><strong>Total weight (with SLA battery)</strong></td>
<td>8.6 kg</td>
<td>8.6 kg</td>
<td>15kg</td>
<td>6.8 kg</td>
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<tr>
<td><strong>Length</strong></td>
<td>360 mm</td>
<td>360 mm</td>
<td>360 mm</td>
<td>360 mm</td>
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<tr>
<td><strong>Width</strong></td>
<td>190 mm</td>
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<td><strong>Height</strong></td>
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<td>195 mm</td>
<td>330 mm</td>
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<td><strong>Battery 26.4 V NiMH 2.2 Ah</strong></td>
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<td>-</td>
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<tr>
<td><strong>Battery 26.4 V SLA 2.6 Ah</strong></td>
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<tr>
<td><strong>Battery 24V Lithium</strong></td>
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<tr>
<td><strong>Battery charger</strong></td>
<td>100–240 V AC, 40–60 Hz</td>
<td>100–240 V AC, 40–60 Hz</td>
<td>100–240 V AC, 40–60 Hz</td>
<td>100–240V AC 50-60 Hz max 0,9A</td>
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<td><strong>Battery charge time</strong></td>
<td>6 hrs</td>
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<td>6 hrs</td>
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<tr>
<td><strong>Motor</strong></td>
<td>24 V DC</td>
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<td><strong>Hoisting interval</strong></td>
<td>3000 mm</td>
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<td>3000 mm</td>
<td>2000 mm</td>
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<td><strong>Hoisting speed 75 kg</strong></td>
<td>60 mm/sec</td>
<td>60 mm/sec</td>
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<td>30 mm/sec</td>
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<td><strong>Expected lifetime</strong></td>
<td>30 000 lifts SWL/10 years</td>
<td>30 000 liftsw SWL/10 years</td>
<td>30 000 liftsw SWL/10 years</td>
<td>30,000 lifts SWL/10 years</td>
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<tr>
<td><strong>Molift Service Tool (software)</strong></td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
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<tr>
<td><strong>Emergency lowering</strong></td>
<td>Mechanical/Electrical</td>
<td>Mechanical/Electrical</td>
<td>Mechanical/Electrical</td>
<td>Mechanical/Electrical</td>
</tr>
<tr>
<td><strong>Emergency stop</strong></td>
<td>Yes, Reachable from floor</td>
<td>Yes, Reachable from floor</td>
<td>Yes, Reachable from floor</td>
<td>Yes</td>
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<tr>
<td><strong>Protection class; hand control &amp; hoist motor</strong></td>
<td>IPX4</td>
<td>IPX4</td>
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<td>IPX4</td>
</tr>
</tbody>
</table>

---

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

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

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**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 a new intuitive hand control with hanger on sling bar and optional docking station for wall.

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**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.

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**Emergency features**
Emergency stop and emergency lowering. Reset available from floor.

---

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

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Accessories

Molift Air scale class III
SWL 300/400 KG
For Air 200/205/300...............1840000
For Air 350/500.................1431021

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

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

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 300 kg
8-pt sling bar One size .............2140003

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
Profiles, lengths

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<th>Type</th>
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<th>Item no. 3 m</th>
<th>Item no. 4 m</th>
<th>Item no. 5 m</th>
<th>Item no. 6 m</th>
<th>Item no. 7 m</th>
<th>Item no. Tailor made*</th>
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<td>1109001-3m</td>
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<td>Rail OC/P</td>
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<td>Rail OC/P</td>
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<td>1109011-3m</td>
<td>1109011-4m</td>
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<td>Rail W/P</td>
<td>85 mm</td>
<td>1109160-3m</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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<td>Rail CC/P</td>
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<td>1109106</td>
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<td>Rail OC/P</td>
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<td>1109136</td>
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<tr>
<td>Rail DC/P</td>
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<td>1109145</td>
<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 H-rail assembly
Length 2500 mm .......................... 1109220
Length 3500 mm .......................... 1109225

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

Molift | a part of Etac
Free standing gantry systems

Molift Quattro - A free standing room covering gantry system

- Molift Quattro - 3000 x 3000 mm, Item no. 1600030
- Molift Quattro - 4000 x 4000 mm, Item no. 1600035
- Adjustable foot, Item no. 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 - 2000 mm, Item no. 1600013
- Molift Duo 2500 - 2500 mm, Item no. 1600015
- Molift Duo 3000 - 3000 mm, Item no. 1600017
- Molift Duo 3500 - 3500 mm, Item no. 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 - Traverse trolley**
- Including bolts, nuts and washers
- Traverse mounting kit ..................... 1109345
- Traverse mounting kit, boxed ............ 1109353

**Trolley - Molift Air**
- Trolley Molift Air 200 ....................... 2520000

**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 CPT .................................. 1109596

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

**Mounting kit - Traverse 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
“Everyone should be able to live a free and independent life and pursue their dreams regardless of any physical circumstances”

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