

# RiseAtlas™ SystemRoMedic™



*Several models available  
Compact and light-weight  
QuickTrolleySystem  
Night light*

*Sling bar ordered separately*

# Unlimited lifting solutions

RiseAtlas is a modern and stylish stationary ceiling lift unit offering unlimited lifting solutions with more performance, more flexibility, more simplicity and convenience, and more reliability compared to other ceiling lift units available on the market.

## In all situations and for all patient needs

RiseAtlas is a safe and easy-to-use stationary ceiling lift unit available in several different models and special versions. When used with the appropriate lifting accessories, RiseAtlas provides secure, comfortable and individually adapted lifting of patients in connection with seated or horizontal transfers to and from the bed, wheelchair, or toilet.

RiseAtlas offers a large lifting area and the possibility of both very low and very high lifting, making it an excellent solution also for lifting from the floor and for gait training and standing training.

RiseAtlas can also be used for convenient transfer of patients from one room to another.

## For all rail systems

RiseAtlas can be used on all types of rails, both permanent rail systems (basic rail systems with or without curves and switches, or rail systems with full room coverage) and portable, freestanding lift stands.

## For all settings and in all types of rooms

RiseAtlas functions equally well in all settings and can be used in all types of rooms where there is a need for lifting and transferring patients from one location to another. In small rooms where space is limited and it is difficult to use mobile lifts, RiseAtlas is a perfect solution.

## Compact and light-weight

RiseAtlas features unusually small measurements and extremely low weight. The handy size offers many practical advantages. Combined with the modern and elegant design of the ceiling lift unit, it also contributes to the creation of professional and highly functional environments with a harmonic and human atmosphere.



## Different models for different needs

RiseAtlas ceiling lift units are available in several models and special versions with different lifting capacities and with or without built-in transfer motors and other features and functionalities. The choice depends on the need for lifting capacity, what settings and situations the ceiling lift unit will be used in and, of course, the needs of the patients.

Model	RiseAtlas450M, with QuickTrolleySystem	RiseAtlas450T	RiseAtlas625M, with QuickTrolleySystem	RiseAtlas625T
Lifting capacity	205 kg / 450 lbs	205 kg / 450 lbs	285 kg / 625 lbs	285 kg / 625 lbs
Transfer in the rail	Manual	Transfer motor	Manual	Transfer motor
Special versions	RiseAtlas450M, with QuickTrolleySystem, high humidity	RiseAtlas450T, with SmartPark-function		RiseAtlas625T, with SmartPark-function

## Four models for max 205 kg or 285 kg...

RiseAtlas450 has a lifting capacity of 205 kg/450 lbs while RiseAtlas625 has a lifting capacity of 285 kg/625 lbs.

## ...and with manual or powered transfer in the rail

Both RiseAtlas450 and RiseAtlas625 are available with different ways of travelling along the rail. RiseAtlas450M and RiseAtlas625M are manually transferred along the rail (M for manual), while RiseAtlas450T and RiseAtlas625T have built-in transfer motors (T for transfer motor) and thereby powered transfer in the rail.

### SystemRoMedic™ QuickTrolleySystem

RiseAtlas450M and RiseAtlas625M both feature Handicare's new and unique SystemRoMedic™ QuickTrolleySystem. These models are fitted with a quick release trolley which, in addition to providing a smooth and easy transfer of the ceiling lift unit, readily allows for dismantling of the ceiling lift unit from the rail.

Obviously, the QuickTrolleySystem makes servicing a lot easier but, more importantly; it enables RiseAtlas to provide significantly more flexibility, versatility and convenience compared to other ceiling lift units.

The QuickTrolleySystem also provides the possibility to move the ceiling lift unit between different rail systems in different rooms for increased utilization and cost efficiency.



### High humidity - special version for wet environments

RiseAtlas450M, with QuickTrolleySystem, is also available in a special version which is designed for use in environments where moisture and dampness are present.

### Special versions with SmartPark-function

RiseAtlas450T and RiseAtlas625T are available in special versions featuring a SmartPark-function which, on command, makes the ceiling lift unit return to the designated parking place in the rail system. This function ensures that the ceiling lift unit can always be found in the same place when not in use. In rail systems with end point charging, the charging station is

usually located in the parking place, allowing the ceiling lift unit to be charged whenever parked.

### Two options for charging

The three special versions of RiseAtlas feature a unique charging solution (patent pending\*), with one trolley for two charging options, as standard. The ceiling lift units can be set to function either with end point charging or with in-rail charging and, if the rail system is modified or if the ceiling lift unit is moved to another rail system with different functionality, the settings for charging of the ceiling lift unit can easily be altered.

# Unique features are standard

RiseAtlas moves silently and gently and features many functions that maximize comfort and security during lifting, both for the patient and for the caregiver. In addition to this, RiseAtlas also offers a number of unique and very practical features as standard.

## Comfort and security

All models and special versions of RiseAtlas are fitted with manual emergency stop as well as electrical and manual emergency lowering. The electrical emergency lowering is powered by the built-in battery of the lift unit. A separate 9V battery, supplied as an accessory, provides functionality also during a power failure and increases the security. All models and special versions of RiseAtlas also feature overload and over speed protection and a slack strap switch that automatically stops the motor when the lift strap is not loaded. Moreover, the soft start and stop provides more security and greater comfort for the patient.

## Hand control charging

All models of RiseAtlas, except the high humidity and SmartPark special versions, feature easy and convenient hand control charging as standard. The charging station for the ceiling lift unit is integrated in a small and discreet holder and parking place for the hand control. The hand control holder with charging station is easily installed on the wall, in convenient proximity of the ceiling lift unit's parking place.



Charging of the ceiling lift unit starts automatically as soon as the hand control is parked in the holder/charging station and continues until the hand control is removed from the holder.

This solution ensures that the hand control is always kept in the same safe and convenient place and that the ceiling lift unit is at all times fully charged and ready for use.



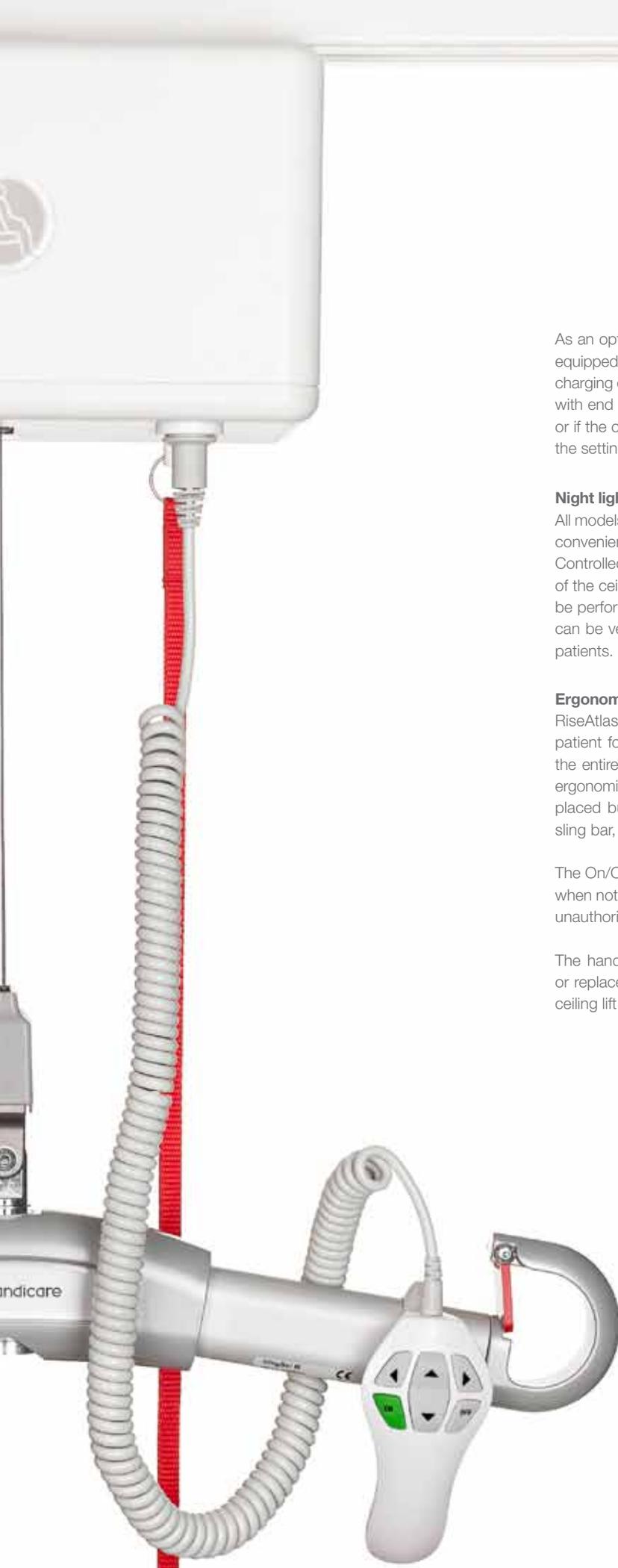
Night light for increased convenience and security

## Safety features

- Manual emergency stop
- Electrical and manual emergency lowering
- Overload protection
- Over speed protection
- Slack strap switch
- Efficient strap control prevents accidental twisting of the lift strap
- Soft start and stop, greater comfort for the patient



Sling bar ordered separately



As an optional extra, RiseAtlas ceiling lift units with hand control charging can be equipped with a unique charging solution (patent pending\*), with one trolley for two charging options. With this accessory, the ceiling lift unit can be set to function either with end point charging or with in-rail charging and, if the rail system is modified or if the ceiling lift unit is moved to another rail system with different functionality, the settings for charging of the ceiling lift unit can easily be altered.

#### **Night light for increased convenience and security**

All models and special versions of RiseAtlas are fitted with night light for increased convenience and security when lifting during the darker hours. Controlled by the "On"-button on the hand control, a LED-lamp on the underside of the ceiling lift unit effectively lights up the lifting area. The lifting procedure can be performed in a safe and secure way without turning on the main light, which can be very handy, for instance during the night in a hospital ward with several patients.

#### **Ergonomic hand control**

RiseAtlas is very easy to operate, allowing the caregiver to remain close to the patient for an increased experience of safety, security and comfort throughout the entire lifting procedure. All manoeuvring of the ceiling lift unit is done via the ergonomic and user-friendly hand control featuring clearly marked and intuitively placed buttons for switching the ceiling lift unit on/off, for lowering/raising the sling bar, and for travelling along the rail (for models with transfer motor).

The On/Off-buttons provide the unique possibility of turning the ceiling lift unit off when not used; a very simple feature which effectively prevents accidental and/or unauthorized activation and use of the lift unit functions.

The hand control features a plug that makes it very easy to connect, remove or replace without using tools. Moreover, the safe connection of the plug to the ceiling lift unit reduces the risk for shut down due to breaking of the connection.

#### ***Ergonomic and user-friendly hand control***

*Clearly marked and intuitively placed buttons  
Hook for convenient storage on the sling bar  
On/off, prevents unauthorized use of lift functions  
Easy to connect and remove, no tools needed*

*RiseAtlas450T, RiseAtlas625T and both special versions with SmartPark-function, are fitted with hand controls with six buttons; on/off, up/down and left/right.*



## Reliable and service-friendly

RiseAtlas has a modern and elegant design with clean shapes and smooth surfaces. The design is attractive in a discreet way. It also makes the ceiling lift unit very easy to keep clean.

### Discreet information panel

The underside of the ceiling lift unit features a discreet but very informative panel. Directional indicators with LED-lamps of different colors and audible signals, providing information on present status, warnings and calls to action, are activated only when needed, allowing the caregiver to focus entirely on the patient and the lifting procedure.

The symbols on the panel are lit up to indicate battery status and the need for battery charging as well as warnings due to overload or activation of the emergency stop. The information panel also signals the need for service and, when required, calls on the patient to consult the user manual. One of the indicators is activated only when the ceiling lift unit has reached the end of its expected life time and it is time to either perform a complete reconditioning or to replace the lift unit.

### Efficient strap control

RiseAtlas also features an efficient strap control function (patent pending\*\*) preventing accidental twisting of the lift strap and ensuring a minimum of wear and tear. This unique function saves both time and worries. It also provides a longer life time for the lift strap.

### High capacity, long lasting battery

RiseAtlas is fitted with a high capacity, environmentally friendly, built-in NiMH battery providing many hours of operation and lifting before charging is needed. In order to prolong battery life and reduce the need for charging even further, but also to ensure that the lift unit is always charged and ready for use, RiseAtlas automatically switches off after four minutes of inactivity.

### Easy to service

RiseAtlas weighs only 7.2-7.5 kg/15.9-16.5 lbs, depending on model and version. The low weight is a great advantage both during mounting of the ceiling lift unit on the rail system and when dismantling the lift unit for servicing. All models and special versions of RiseAtlas are also very service-friendly. In general, service and the most frequent changing of spare parts require very few, if any, tools.

### Diagnostics

A special software, available as an accessory, allows a PC to access further information about the ceiling lift unit, e.g. number of operating hours and lifts performed, number of overloads, statistics on service etc.

**TECHNICAL INFORMATION**

All models and special versions of RiseAtlas comply with the requirements of the directives for medical-technical Class 1 products (MDD 93/42/EEC).

Model / Special version	RiseAtlas450M, with QuickTrolleySystem	RiseAtlas450M, with QuickTrolleySystem, high humidity	RiseAtlas450T	RiseAtlas450T, with SmartPark-function	RiseAtlas625M, with QuickTrolleySystem	RiseAtlas625T	RiseAtlas625T, with SmartPark-function
Item No.	50100057	50100051	50100058	50100052	50100059	50100060	50100053
Safe working load:	205 kg / 450 lbs	205 kg / 450 lbs	205 kg / 450 lbs	205 kg / 450 lbs	285 kg / 625 lbs	285 kg / 625 lbs	285 kg / 625 lbs
Material, chassis:	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Material, cover:	Non flammable ABS plastic	Non flammable ABS plastic	Non flammable ABS plastic	Non flammable ABS plastic	Non flammable ABS plastic	Non flammable ABS plastic	Non flammable ABS plastic
Measurements, length x width x height:	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"	23.3 x 15.1 x 14.6 cm / 9.2 x 5.9 x 5.7"
Weight:	7.2 kg / 15.9 lbs	7.3 kg / 16.1 lbs	7.5 kg / 16.5 lbs	7.5 kg / 16.5 lbs	7.3 kg / 16.1 lbs	7.5 kg / 16.5 lbs	7.5 kg / 16.5 lbs
Transfer in rail:	Manual	Manual	Transfer motor	Transfer motor	Manual	Transfer motor	Transfer motor
Transfer speed, without load:	n.a.	n.a.	14 cm / 5.5" per sec	14 cm / 5.5" per sec	n.a.	14 cm / 5.5" per sec	14 cm / 5.5" per sec
Transfer speed, with load:	n.a.	n.a.	12 cm / 4.7" per sec	12 cm / 4.7" per sec	n.a.	12 cm / 4.7" per sec	12 cm / 4.7" per sec
Hand control:	Electrical, 4 buttons	Electrical, 4 buttons	Electrical, 6 buttons	Electrical, 6 buttons	Electrical, 4 buttons	Electrical, 6 buttons	Electrical, 6 buttons
Lifting range:	180 cm / 70.8"	180 cm / 70.8"	180 cm / 70.8"	180 cm / 70.8"	180 cm / 70.8"	180 cm / 70.8"	180 cm / 70.8"
Lifting speed, without load:	5.0 cm / 2" per sec	5.0 cm / 2" per sec	5.0 cm / 2" per sec	5.0 cm / 2" per sec	5.0 cm / 2" per sec	5.0 cm / 2" per sec	5.0 cm / 2" per sec
Lifting speed, with load:	3.9 cm / 1.5" per sec	3.9 cm / 1.5" per sec	3.9 cm / 1.5" per sec	3.9 cm / 1.5" per sec	3.9 cm / 1.5" per sec	3.9 cm / 1.5" per sec	3.9 cm / 1.5" per sec
Sound level, with load:	55 dB(A)	55 dB(A)	55 dB(A)	55 dB(A)	55 dB(A)	55 dB(A)	55 dB(A)
Efficient strap control:**	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Emergency lowering:	Electrical and manual	Electrical and manual	Electrical and manual	Electrical and manual	Electrical and manual	Electrical and manual	Electrical and manual
Emergency stop:	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Night light:	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Battery:	NIMH 24V 3.2 Ah/768Wh	NIMH 24V 3.2 Ah/768Wh	NIMH 24V 3.2 Ah/768Wh	NIMH 24V 3.2 Ah/768Wh	NIMH 24V 3.2 Ah/768Wh	NIMH 24V 3.2 Ah/768Wh	NIMH 24V 3.2 Ah/768Wh
Hand control charging:	Standard	No	Standard	No	Standard	Standard	No
In-rail charging:*	Optional, accessory	Optional, standard	Optional, accessory	Optional, standard	Optional, accessory	Optional, accessory	Optional, standard
End point charging:*	Optional, accessory	Optional, standard	Optional, accessory	Optional, standard	Optional, accessory	Optional, accessory	Optional, standard
Protection class, lift unit:	IP20	IPX4	IP20	IP20	IP20	IP20	IP20
Protection class, hand control:	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4

Patent pending: \*) PCT/SE2012/050748, \*\*) PCT/SE2012/050750

## PRODUCT SPECIFICATION

Item No.	Product
50100057	RiseAtlas450M, with QuickTrolleySystem
50100051	RiseAtlas450M, with QuickTrolleySystem, high humidity
50100058	RiseAtlas450T
50100052	RiseAtlas450T, with SmartPark-funktion
50100059	RiseAtlas625M, with QuickTrolleySystem
50100060	RiseAtlas625T
50100053	RiseAtlas625T, with SmartPark-funktion

All models and special versions of RiseAtlas are supplied with hand control and charger. Sling bar ordered separately.



## ACCESSORIES

Item No.	Product	Description
70200046	QuickTrolley450	Quick release trolley, for 50100057, 50100051
70200051	QuickTrolley450 70 mm	Quick release trolley, lowering lift unit by 70 mm / 2.76", for 50100057, 50100051
70200063	QuickTrolley625	Quick release trolley, for 50100059
70200064	QuickTrolley625-90	Quick release trolley, 90 degrees, for 50100059
70200062	In-rail/end point charging*	Two options for charging, for 50100057, 50100058, 50100059, 50100060
70200065	IR remote controlling	For wireless operation, for 50100057, 50100059
70200047	9V battery and cable	For emergency lowering, for 50100057, 50100058, 50100052, 50100059, 50100060, 50100053
70200048	Software for diagnostics	Software, for all models and special versions of RiseAtlas
50400066	Cover to charger	For all models and special versions of RiseAtlas
50400048	Parking Placard	For convenient storing of sling bars, manuals and lifting slings
70200001	SlingBar S	35 cm / 13.8"
70200002	SlingBar M	45 cm / 17.7"
70200003	SlingBar L	60 cm / 23.6"
70200042	SlingBarSpreader M	Side bars for SlingBar S/ML



All models and special versions of RiseAtlas450M and RiseAtlas625M are fitted with hand controls with four buttons; on/off and up/down.

### Lifting accessories and lifting slings

Handicare's SystemRoMedic™ range also includes different kinds of sling bars, side bars, scales and many other clever and functional lifting accessories. In addition, SystemRoMedic™ offers a comprehensive assortment of functional and comfortable, high quality lifting slings designed for safe, comfortable and individually adapted lifts in different lifting situations. The lifting slings are supplied in several materials and in sizes ranging from XXS to XXL. There are also special lifting sling models in XXXL and XXXXL for extremely large and heavy patients.

Please visit [www.handicare.com](http://www.handicare.com) for more information.



## handicare

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SystemRoMedic™ is a complete solution for easy transfers. The concept encompasses four product areas that meet most needs in different transfer situations.

**Transfer**, between two locations. **Positioning**, within the same location.

**Support**, for mobility. **Lifting**, both manual and mechanical.