



A twin cassette
ceiling lift system
for patients up to
1,000 lbs (454 kg)

THE COMPLETE CEILING LIFT SYSTEM

Maxi Sky 2 Plus

A versatile ceiling lift system for bariatric patients and the general population

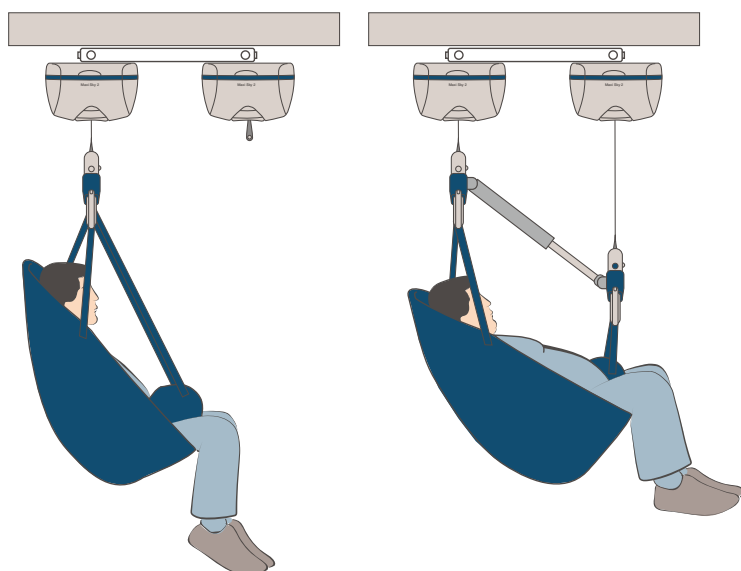
Maxi Sky® 2 Plus is a cost-efficient solution as the system can handle a large range of patients. Using twin lift cassettes mounted on a rotatable trolley, this easy-to-use system enables patients up to 1,000 lbs (454 kg) to be lifted, transferred, turned and repositioned.





A ceiling lift solution for all patient-handling routines

The *Maxi Sky 2 Plus* and spreader bar combination makes it possible to use the Dynamic Positioning System (DPS) for all patients, making patient-handling routines comfortable and requiring less effort for the caregiver. The spreader bar's telescopic adjustment feature ensures stability, easy maneuvering and automatic adjustment to the patient's size and position.

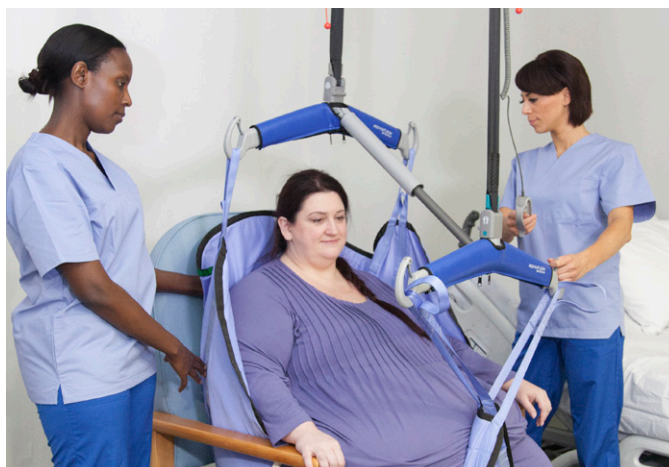


Single mode: One cassette is used when handling nonbariatric patients.

Dual mode: The twin cassettes support smooth repositioning of bariatric patients.

A flexible system for all patients

After a simple switchover to a single cassette, the ceiling lift system is ready to serve nonbariatric patients. In single mode, the system can work as a standard Maxi Sky® 2, utilizing the full range of spreader bars and slings.



The tilt function enables the caregiver to easily place the patient into a seated upright position just before reaching the chair.

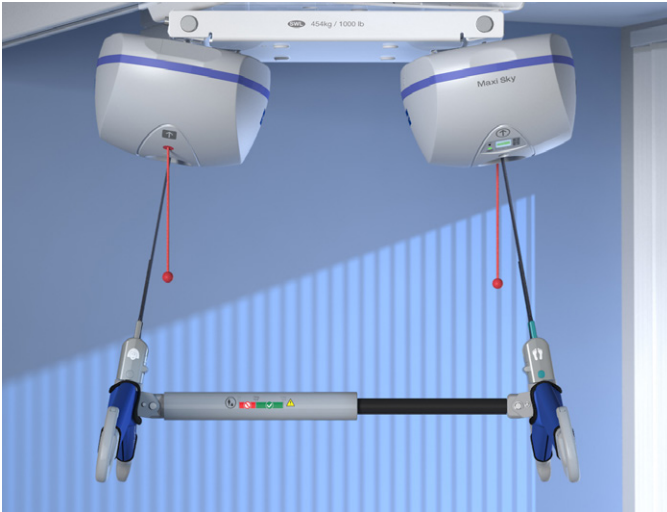


All tasks can be performed with the same spreader bar system, such as limb support and repositioning, as well as transfers.



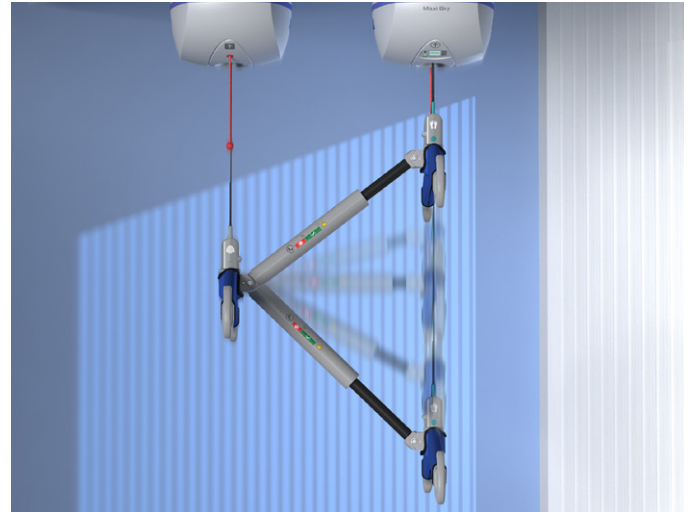
Thanks to the new tilt function, one spreader bar can be raised to avoid intrusion for the patient and the caregiver.

Small details make the difference



Self-adjustment for patient comfort

Thanks to the telescopic link and the tilting of the two cassettes mounted on the rotating trolley, the system will easily adjust to maximize comfort to the patient.



Maximize patient comfort with a single touch of a button

The tilt function system enables you to raise or lower one of the spreader bars, thereby placing the patient in a more comfortable position during the transfer.



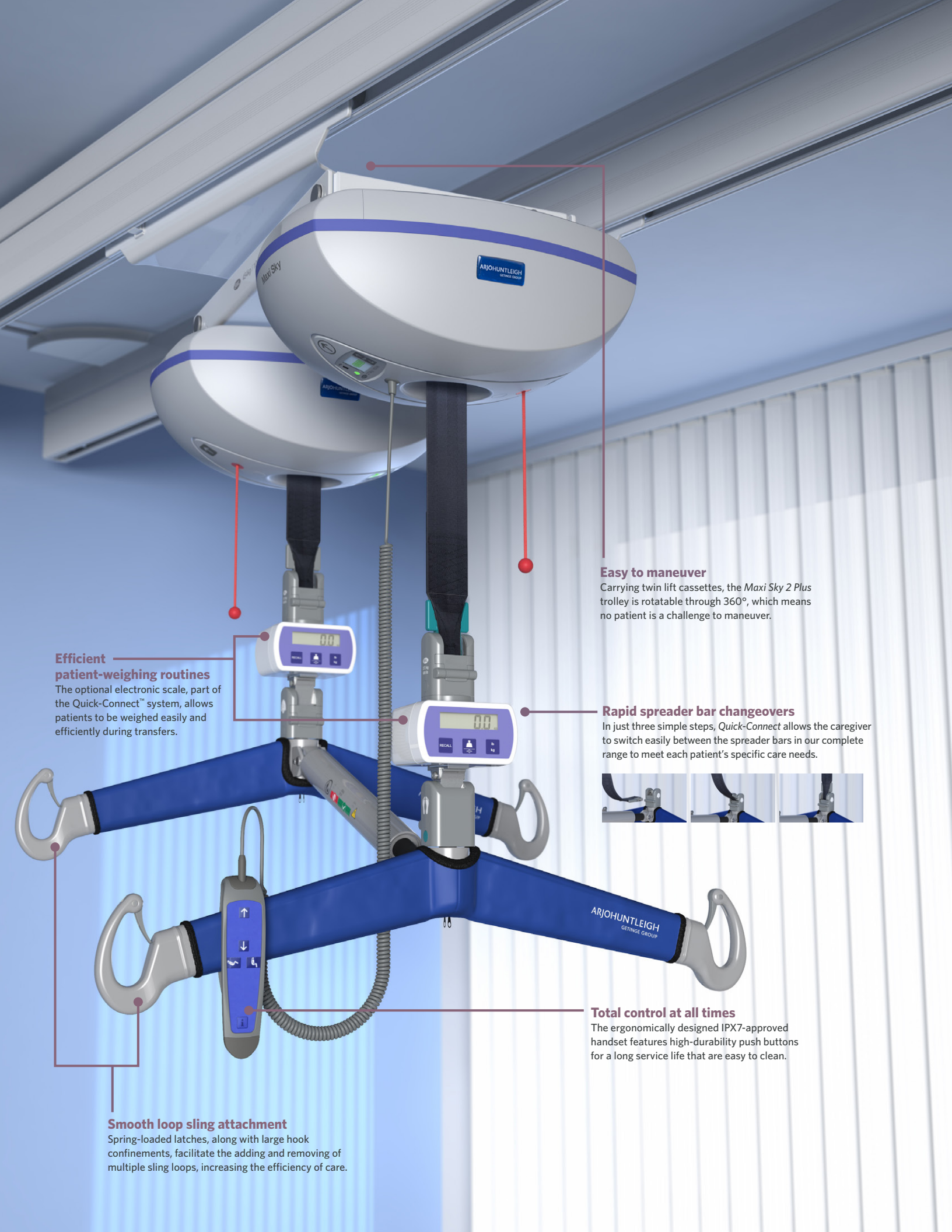
Easy access to equipment

Maxi Cart™ 2 gives you easy access to your spreader bars and stretcher frames. As caregivers can connect them directly from the trolley to the lift, there is no manual lifting involved.



Key data at a glance

The color display provides information on battery status, monitoring of product usage and smart self-diagnosis for efficient maintenance.



Efficient patient-weighting routines

The optional electronic scale, part of the Quick-Connect™ system, allows patients to be weighed easily and efficiently during transfers.

Easy to maneuver

Carrying twin lift cassettes, the Maxi Sky 2 Plus trolley is rotatable through 360°, which means no patient is a challenge to maneuver.

Rapid spreader bar changeovers

In just three simple steps, Quick-Connect allows the caregiver to switch easily between the spreader bars in our complete range to meet each patient's specific care needs.



Total control at all times


The ergonomically designed IPX7-approved handset features high-durability push buttons for a long service life that are easy to clean.

Smooth loop sling attachment

Spring-loaded latches, along with large hook confinements, facilitate the adding and removing of multiple sling loops, increasing the efficiency of care.

A full range of slings and spreader bars means safe, optimized working routines

Arjo offers a complete range of clip and loop slings and related spreader bars to provide comprehensive solutions for transfers, repositioning and rehabilitation.

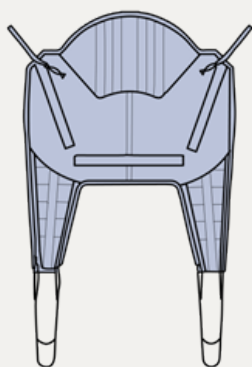


The new spreader bar system enables simplified transfers and increased comfort to the patient.

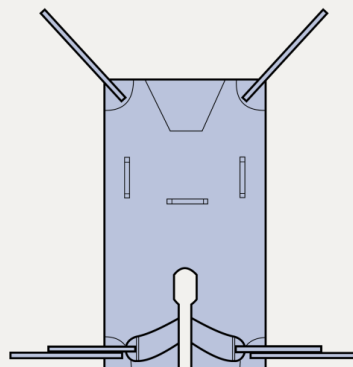
Dual mode spreader bar

One solution, a four-point spreader bar for patients from 350 lbs (159 kg) up to 1,000 lbs (454 kg), supports the range of bariatric slings.

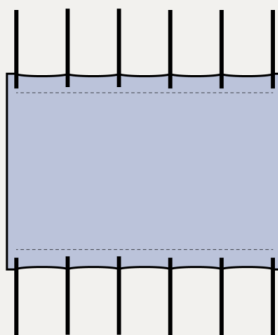
The different body shapes of bariatric patients require different sling solutions. Arjo has therefore developed a range of sling types in four bariatric sizes to suit these various needs. A patient assessment that covers weight, body shape and the individual's condition is needed in order to select an optimized sling solution that ensures safety and maximum comfort.



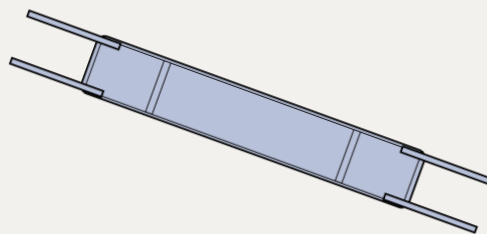
Bariatric sling #MAA8000



Bariatric sling #MAA8020



Bariatric repositioning sling
(washable #VIG11004-L1 or disposable #VIG22004-L1)



Bariatric limb sling
(washable #VIG11002)

With Maxi Sky 2 Plus in single mode, the general population can also be addressed



Loop slings

Arjo offers a wide range of loop slings for two-point and four-point spreaders as well as for the stretcher frame.

Clip slings

Clip slings include standard padded and unpadded slings, special purpose slings for toileting, mesh slings for bathing and showering, and solutions for single and double amputees.

Flites

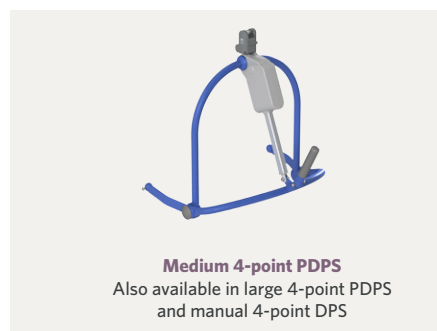
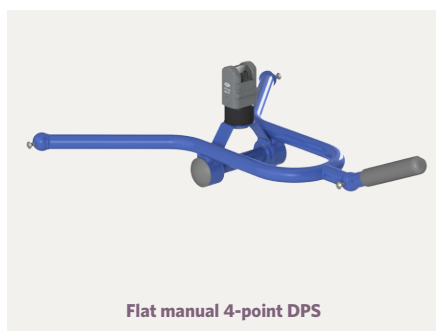
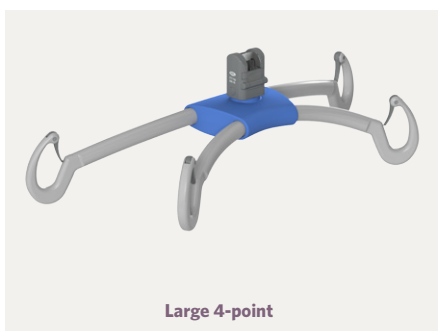
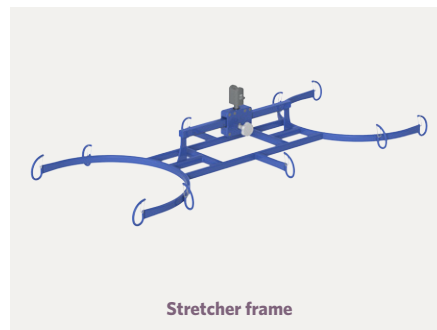
Flites® are patient-specific slings that offer protection against the risks associated with cross contamination.

Tailor-made sling service

Arjo has the expertise to modify all aspects of its slings to create the optimum sling for a particular patient.

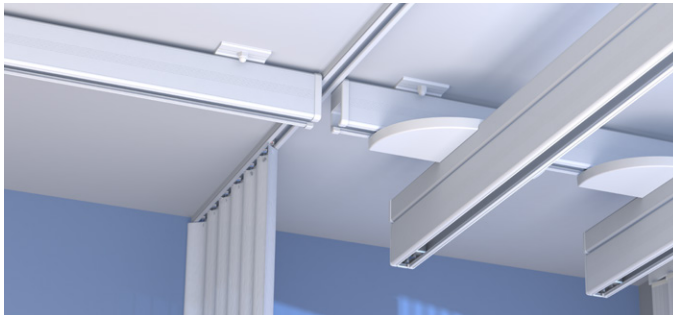
One lift cassette can easily be deactivated and the remaining cassette will function as a normal *Maxi Sky 2*, addressing the general population.

Spreader bars for single mode



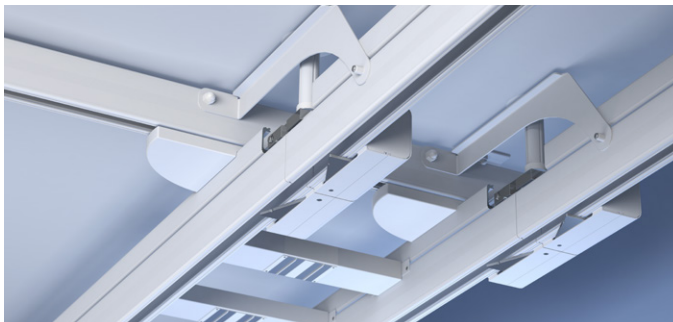
KWIKtrak solutions for every ceiling and room layout

KWIKtrak™ modular components are used to create an optimized track for *Maxi Sky 2 Plus*. This flexible system covers all layout requirements, and solutions are available for every type of ceiling.



Curtain pass-through

Curtains can pass through a “gap” in the track, which improves options for maintaining patient privacy and dignity.



Gate

This connects a fixed track to an X-Y traverse system.



Embedded solutions

Embedded KWIKtrak is mounted into the ceiling, which enables a more discreet look, as well as increasing the lifting stroke.



Dual mode

Single mode

600 lbs
(272 kg)
Max.

600 lbs
(272 kg)
Max.

600 lbs
(272 kg)
Max.

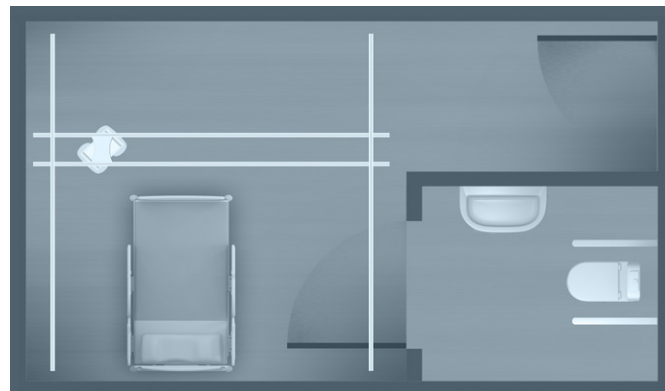
1,000 lbs
(454 kg)
Max.

Common installation layouts



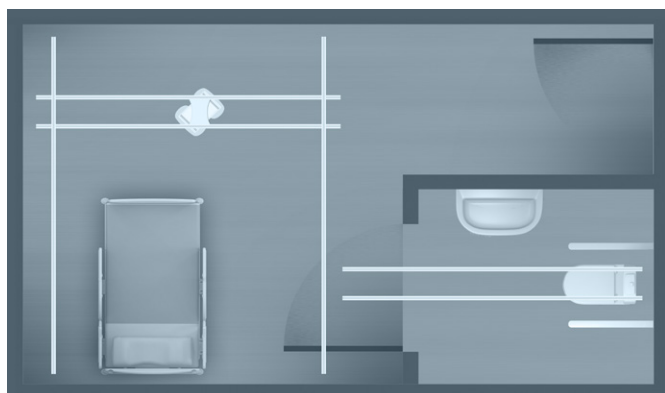
Straight tracking solution

A simple straight track configuration provides access for transfers on each side of the patient bed.



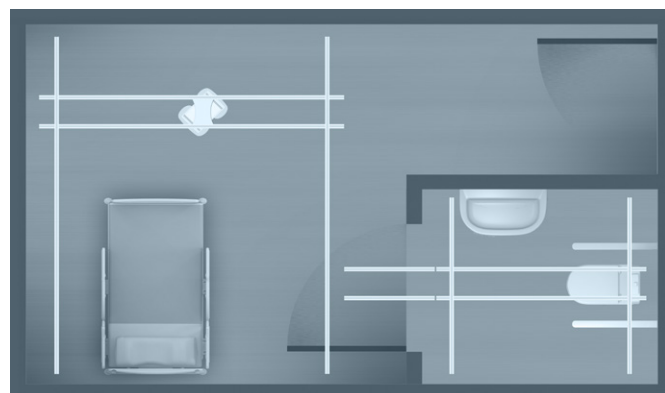
X-Y tracking solution

An X-Y tracking solution provides full room coverage. A transfer can be performed anywhere within the two parallel tracks.



X-Y (single gate tracking solution)

An X-Y tracking solution providing full room coverage within the patient's room combined with a single gate system and tracking leading into the ensuite bathroom.



Two X-Y (double gate) solution

Full-room coverage in both the patient's room and the ensuite, linked together with a straight track configuration using a double gate system.

Space requirement for a bariatric room



Make the work easier and more efficient

This image, taken from the Arjo Guidebook, provides recommendations on space requirements and what to consider when designing a bariatric room to secure the best possible safety and working conditions.

Key features

PRODUCT INFORMATION	
Weight, complete (including trolley and two ceiling lifts)	113.5 lbs (51.6 kg)
Weight, spreader bar	14.5 lbs (6.6 kg)
Lifting capacity	Dual mode: 1,000 lbs (454 kg), single mode: 600 lbs (272 kg)
Strap length	98.4 in (2,500 mm)
Lifting speed (dual mode)	1.7 in/s (4.3 cm/s) without load 1.3 in/s (3.4 cm/s) at 528 lbs (240 kg) 1.2 in/s (3.0 cm/s) at 880 lbs (400 kg) 1.1 in/s (2.9 cm/s) at 1,000 lbs (454 kg)
Maximum stroke (from ceiling)	90.6 in (2,300 mm)
Horizontal displacement speeds	N/A, manually operated
Operating force of control	< 5 N
Push and pull forces at 1,000 lbs (454 kg) horizontal movement and rotation	< 60 N
Duty cycle	Up/down motor: max 10%, 1 minute continuously Sit/reclined motor (single mode): maximum 10%, 1 minute continuously
Horizontal axis motor	N/A
Vertical axis mode	24 VDC, 110 watts
Rating	24 VDC, 15 A maximum
Noise level for either raising or lowering, with or without load	58.2 dBA with no load, 65.3 dBA at 1,000 lbs (454 kg)
Medical equipment	Type BF protection against electrical shock in accordance with IEC 60601-1
Battery type	12 V, 5 Ah, sealed rechargeable valve regulated lead acid battery
Battery capacity	Provides up to 50 transfers with a load of 880 lbs (400 kg) and up to 34 transfers with a load of 1,000 lbs (454 kg)
Degree of protection — hand control	IPX7
Degree of protection — <i>Maxi Sky 2</i> ceiling lift	IP24
Lift — protection class — shock prevention	Internally powered equipment
Battery charger input	100-240 VAC, 50-60 Hz, 57-70 VA
Battery charger output	28.1 VDC, 1 A max, 28.1 VA
Battery charger safety protection	Class 2, double insulated
Normal operation conditions	Ambient temperature range: 41°F to 104°F (5°C to 40°C) Relative humidity range: 15% to 93% Atmospheric pressure range: 700 hPa to 1060 hPa
Transport/storage conditions	Ambient temperature range: -40°F to 158°F (-40°C to 70°C) Relative humidity range: 10% to 93% noncondensing Atmospheric pressure range: 500 hPa to 1060 hPa

Maxi Sky 2 Plus: A great addition for bariatric care and handling patients of all sizes



I can perform my tasks more efficiently and in a safe manner.



I can be moved in a more comfortable way.



With *Maxi Sky 2 Plus*, we can maximize the usage of all rooms.

At Arjo, we are committed to improving the everyday lives of people affected by reduced mobility and age-related health challenges. With products and solutions that ensure ergonomic patient handling, personal hygiene, disinfection, diagnostics, and the effective prevention of pressure injuries and venous thromboembolism, we help professionals across care environments to continually raise the standard of safe and dignified care. Everything we do, we do with people in mind. www.arjo.com

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