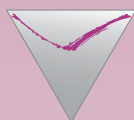


Freedom for therapists - independence for patients

www.mobilityresearch.dk



LiteGait®
*The Original Partial Weight Bearing
Gait Therapy Device*



mobility research

Products, education and rehabilitation solutions

LiteGait - the Partial-Weight-Bearing Gait Therapy Device



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LiteGait® is a gait training device that simultaneously controls weight bearing, posture, and balance over a treadmill or over ground. It creates an ideal environment for treating patients with a wide range of impairments and functional levels. LiteGait provides proper posture, reduces weight bearing, eliminates concerns for balance, and facilitates the training of coordinated lower extremity movement. Its unique harness design not only permits unilateral or bilateral support allowing progression of the weight bearing load from non to full weight bearing, but also allows the clinician to manually assist the legs and pelvis to achieve proper gait patterns.

The LiteGait family of products has provided a safe and effective environment for walking therapy for over a decade. As the original partial weight bearing therapy device, LiteGait has forever altered gait therapy techniques, as well as expectations of outcome.

- Assist Posture, Balance & Weight Bearing
- Prevent Excessive Rotation
- Facilitate Hip Flexor Tension
- Differential Control of Right vs. Left Side
- Optional BiSym Scale Measures the
- Support on Each Side
- Walk on treadmill or Over Ground
- Mobile Design Goes from Room to Room
- Train Gait under Fall-Free Conditions
- Frees Therapist to Facilitate Walking
- Wide Range of Patient Sizes & Impairments
- Lift Patients of All Sizes from Sit to Stand
- Fall-Free, Supported Walking
- Train walking forward and backwards

The adjustability built into these systems allows facilities to easily treat all their patients with the same unit. Consult the specification table on the different models to find the right unit for you.

All LiteGait models are backed by a two years warranty. When you purchase a LiteGait, you receive the service, the education, and the quality you and your clients deserve.



WalkAble the Pediatric LiteGait



WalkAble 75

Products, education and rehabilitation solutions

“WalkAble™ is specially designed for use with smaller children at home or in therapy.”

WalkAble is the smallest LiteGait® model, and is perfect for children weighing up to 50 kg. and 150 cm. tall. The harness comfortably supports the child, and the locking straps allow adjustments to be made for walking symmetry, while providing a very enjoyable walking therapy experience. The smaller, lighter design of the WalkAble allows a child to be safely supported while walking over ground or over treadmill in any environment, whether at home, in school, or in therapy.

The unique design of WalkAble allows its supportive yoke to slide easily and safely down the upright post, allowing for control of posture and balance for even the youngest children, while a redundant safety pin and two tightening knobs keep the yoke securely in its desired position. Additionally, the uniquely designed harness can be used -without modification - for both walking and crawling.

Gait therapy sessions using a treadmill at speeds as slow as 0.5 km/h have proven highly effective with the pediatric populations. In combination with the proper training program, WalkAble can help therapists and parents improve a patient’s gait patterns, posture, bal-



WalkAble 75



WalkAble 100

ance, muscle strength and overall endurance levels. WalkAble is being used successfully in homes, children centers, and rehabilitation facilities throughout the world.

All LiteGait models are backed by a two years warranty, a responsive Service Department.

When you purchase a LiteGait, you receive the service, the education, and the quality you and your clients deserve.

Specifications	WK 75	WK 100
Max Patient Weight kg	36	50
Max Patient Height cm	135	150
Unit Max/Min Height cm	150/63	165/87
Base Inside Width cm	62/67/75 (86)	62/67/75 (86)
Overall Length cm	80	80



WalkAble 75 & 100

LiteGait MX

“As part of the next generation of the LiteGait® product line, the MX models combine the affordability and versatility of our pediatric, manual systems with the ease of use and functionality of our battery powered adult LiteGait systems.”

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A unique design allows the power lift mechanism to be built directly into the supportive arms of MX models. This preserves all of the manual adjustment available in our popular WalkAble™ pediatric units while providing 45 cm. of power lift in LG-100MX & 200MX. You can bring the patient from sit to stand and change the amount of support with the push of a button. The rechargeable battery-operated, light weight system provides all the functionality you need without the mess of oil pumps or cranks.

Every system comes with everything you need including one harness that fits a large range of patients. The adjustability built into these systems allows for growth potential in a single user case, and it allows facilities to easily treat all their patients with the same unit. Consult the specification table to find the right unit for you.

All LiteGait models are backed by a two years warranty*, a responsive Service Department. When you purchase a LiteGait, you receive the service, the education, and the quality you and your clients deserve.



LiteGait 300MX



LiteGait 100MX

Specifications	LG 100 MX	LG 200 MX	LG 300 MX
Max Patient Weight kg	50	100	150
Max Patient Height cm	150	180	195
Power Lifts	45	45	60
Unit Max/Min Height cm	162/50	195/75	210/150
Base Inside Width cm	62/67/75	67/75/86	75/86
Overall Length cm	80	105	112

LiteGait 200P



LiteGait 200 P

Products, education and rehabilitation solutions

Pediatric Therapists care for a wide range of patient sizes, infants to adult size teenagers. The amazing design of LiteGait® I 200P allows successful treatment of the entire “pediatric” population with a single device. The design makes use of a 60 cm. inverted vertical lift column (similar to adult LiteGait models) and 60 cm. of manual adjustability of the yoke along the inverted column (similar to pediatric LiteGait models).

The advantage of the 200P is that it allows a pediatric therapist the freedom to treat multi-level patients with a single piece of equipment. While the standard 75 cm. inside base width* fits most treadmills and wheelchairs, and is wide enough to provide room for a therapist and infant patient to work on crawling techniques.

Included with the unit are both Junior (42,5—82,50 cm.) and Small Adult harnesses (55—112,50 cm.), together fitting patients with 42,5 to 112,50 cm. of girth. Optional Infant and Larger Adult harnesses are also available. The controllable flexibility of FlexAble yoke is also included in this design, allowing the patient to experience a more natural gait.

The adjustable yoke glides along the column to accommodate the patient’s height. The added lift column allows the therapist to bring a patient to a standing position or aid in lifting the patient on to a treadmill for therapy. All LiteGait models are backed by a two years warranty, when you purchase a LiteGait, you receive the service, the education, and the quality you and your clients deserve.



LiteGait 200P

Specifications	LGI 200P
Max Patient Weight kg	100
Max Patient Height cm	180
Power Lifts cm.	60
Unit Max/Min Height cm	210/87,5
Base Inside Width cm	75/86
Overall Length cm	105

LiteGait I 260E

LiteGait 260E



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“As part of the next generation of the LiteGait® product line, the LiteGait I 260E model provide a flexible supported environment for use with patients with all neurological, orthopedic and sports related injuries.”

The LiteGait I (LGI) models allow the therapist/caregiver to bring the patient from sit to stand and adjust the amount of postural support with a push of a button. The economical LGI-260E model with its single actuator and 70 cm. of lift performs equally for patients up to 130 kg. The rechargeable noiseless battery-operated system provides all the functionality you need.

Every system comes including a single harness that fits a large range of adult patients. The adjustability built into these systems allows facilities to easily treat all their patients with the same unit. An additional harness may be required to treat children. Consult the specification table to find the right unit for you.

All LiteGait models are backed by a two years warranty. When you purchase a LiteGait, you receive the service, the education, and the quality you and your clients deserve.



LiteGait 260E



LiteGait 260E

Specifications	LGI 260 E
Max Patient Weight kg	130
Max Patient Height cm	200
Power Lifts cm	70
Unit Max/Min Height cm	230/160
Base Inside Width cm	75/86
Overall Length cm	117.5

LiteGait I 400E / 400ET / 400ES

LiteGait I 400



Products, education and rehabilitation solutions

As part of the next generation of the LiteGait® product line, the 400E platform model and 400ET combine a powerful lift mechanism with the supportive environment of LiteGait to allow an unparalleled gait therapy tool.

The platform system, with its therapist friendly ergonomics, has a double actuated lifting column with up to 100 cm. of stroke in LGI-400ET. Together with the design of the frame, this unit can lift patients up to 250 cm. tall and 200 kg. from sit to stand to step up on to the 35 cm. high platform GaitKeeper surface. The rechargeable noiseless battery-operated system provides all the functionality you need.

Every system comes with everything you need including one harness that fit a large range of adult patients. The adjustability built into these systems allows facilities to easily treat all their patients with the same unit. Consult the specification table to find the right unit for you.



LiteGait I 400

Specifications	LGI 400 E	LGI 400 ET	LGI 400ES
Max Patient Weight kg	200	200	200
Max Patient Height cm	265	250	220
Power Lifts cm	100	100	80
Unit Max/Min Height cm	275/175	260/160	240/160
Base Inside Width cm	76/86	76/86	76/86
Overall Length cm	122,5	122,5	119

“All LiteGait models are backed by a two years warranty. When you purchase a LiteGait, you receive the service, the education, and the quality you and your clients deserve.”

LiteGait I 500E / 500ET

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As part of the next generation of the LiteGait® product line, the 500 models combine a powerful lift mechanism with the supportive environment of LiteGait to allow an unprecedented gait therapy tool for larger, more impaired patients.

You can bring the patient from sit to stand and change the amount of support with a push of a button. The double actuated column lifts twice as fast when both motors are engaged. Two actuator columns combine to allow large lift strokes of up to 100 cm. The rechargeable noiseless battery-operated system provides all the functionality you need.

Every system comes with everything you need including one harness that fit a large range of adult patients. The adjustability built into these systems allows facilities to easily treat all their patients with the same unit. Consult the specification table to find the right unit for you.

“When you purchase a LiteGait, you receive the service, the education, and the quality you and your clients deserve.”

All LiteGait models are backed by a two years warranty, a responsive Service Department, and an extremely active Education Department conducting affordable on-site training and CEU accredited courses. When you purchase a LiteGait, you receive the service, the education, and the quality you and your clients deserve.



LiteGait I 500



LiteGait I 500

Specifications	LGI 500 E	LGI 500 ET
Max Patient Weight kg	250	250
Max Patient Height cm	260	235
Power Lifts cm	100	100
Unit Max/Min Height cm	262,5/ 162,5	247,50/ 147,5
Base Inside Width cm	86	86
Overall Length cm	122,5	122,5

LiteGait Accessories



Crawling Harness

Products, education and rehabilitation solutions

Harness

One of the most crucial components of the LiteGait design is the harness. A successful treatment session requires a proper harness placement.

Comfort and proper fit is affected by harness age which adversely affects the nylon straps. More importantly, safety is affected by the wear and tear that occurs due to use and repeated washing. Most supporting stitches are hidden behind the exterior covering and not visually examined. While the harness wrap and groin pieces may stay together and be used for a very long time it is advisable to replace them every two to three years.

Additionally, new harnesses for short torsos or (long) floppy upper trunk or larger girths and different populations are available. Thigh straps and crawling harnesses are a few of new add-ons you may find useful as well.



Leg straps

Harness and Groin pieces

Crawling Harness

Diaper Harness

Harness Specifications	Girth cm	Height cm	Lenght cm	Width cm
WalkAble	40-82,5	20	15 20 22	2,5
Junior	42,5-83,5	20	15 20 22	2,5
Small adult	55-112,5	23	22 26 32	3,75
Standard adult	62,5-150	27	22 26 32	3,75
LG I 500	105-210	36	40 47	3,75

BiSym®

One of our most popular upgrades is the BiSym, a unique option available with LiteGait® to measure unilateral or bilateral support. LiteGait®'s special design includes a two-armed yoke which holds the patient above each shoulder.



From these two points, the harness system can be adjusted to provide as much or as little support required to each side of the body. The range of support can vary on each side from full to no support. Check with our product advisors to see if your current yoke is BiSym ready, then all you have to do is add the box! If it is, then the upgrade is as easy as ordering a new yoke with BiSym.

Gaiter stool®

The Gaiter Stool™ attaches directly to the base of LiteGait® and provides a safe, effective means of assisting patients working over the treadmill or over ground.



The Gaiter Stool is highly adjustable for improved ease and comfort. The unique design of LiteGait enables safely supported training of balance, posture and locomotion, while allowing the therapist to observe, evaluate, and correct current gait patterns, manually manipulate limbs, and weight shift to accomplish proper gait patterns.

Patients in LiteGait can easily be moved from over treadmill gait therapy to over ground walking, aiding in the transfer of the newly developed gait patterns.

AutoStep

- designed by therapists and their patients



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AutoStep™, developed from a prototype created by two pediatric physical therapists, is an exciting new device designed to assist therapists in the therapeutic treatment of gait with a variety of patients, from the high functioning patient who needs to work on the refinement of gait to the very low functioning patient who is unable to take independent steps.

AutoStep helps to cue proper stepping patterns in many patients. It can be attached to LiteGait or different types of walkers.

AutoStep reduces the burden of facilitation of gait for both pediatric and adult patients using walkers over ground, or LiteGait® over ground or over treadmill, while providing a constant symmetric cue for the patient to achieve a more symmetrical gait pattern.



- Attaches to many walkers - including all Rifton® Pacers*
- Works with most LiteGait models - on and off the treadmill
- Multiple modules for different step lengths
- Allows therapist increased freedom to facilitate proper gait
- Accomodates patients with high or low tone with an adjustable tension band
- Allows both hip and knee flexion for LE advancement
- Allows therapist to maintain proper body mechanics
- Promotes increased stride length
- Promotes dissociation of the LE's
- Promotes foot clearance during swing phase
- Designed to assist and train symmetrical stepping
- Focuses on an equal stride length bilaterally
- Allows for dynamic stretching/ROM for legs

Adjustable tension bands from the device attach to the patient's feet and, through movement of the walker or LiteGait over ground or the device itself on the treadmill, it is able to promote an increased step length as well as facilitating lower extremity advancement and foot clearance. It also can be used as a tool to improve dissociation of the lower extremities, and provide a dynamic/active stretch to the legs. Most importantly with the tension bands attached to the feet and facilitating foot clearance and advancement, it gives the therapist the freedom to facilitate increased weight shifting, hip extension, stability in stance, and much more, all while maintaining proper body mechanics.

Specifications	AS-S	AS-M	AS-L
Step length cm	30	45	52,5

Mobility Device



Products, education and rehabilitation solutions

Mobility Research is proud to announce the arrival of the much anticipated Mobility Device™ (MD). The MD is all you have come to expect from LiteGait®, but now in the form of a walker. This is the first Supported Ambulation Assistive device of its kind! A walker that lifts and supports, the MD allows patients with a wide range of impairments to walk over ground safely.

The goal has always been to design products that will allow both the clinician and the patient to accomplish more - more facilitation by therapists, and more practice by

patients. To make this effort easier, the MD is a tool designed to assist both patient and therapist. The MD can be utilized to bring patients from sit to stand with the simple push of a button, and allow them to safely ambulate. The easy to use harness simplifies the process of getting patients upright, and assists balance during ambulation for a confidence building experience.

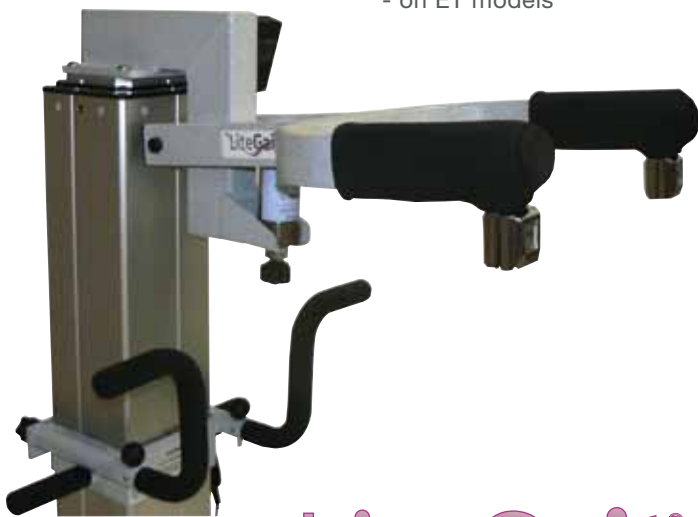
Two models are available. The MD 200 can accommodate patients up to 100 kg. and 180 cm. tall, but is also suitable for children, while the MD 350 is rated for patients up to 175 kg. and 190 cm. tall.



- Brings patients weighing up to 100 kg. (larger sizes also available) from sit to stand with a push of a button. This allows the patient the ease of getting in and out of a chair or wheelchair, as well as on and off a toilet.
- Easy to load patients.
- Safety harness can be applied to prevent slippage and falling.
- Rolls easily in home or therapy settings.
- Fits through most doorways.
- Battery powered

Specifications	MD 100	MD 200	MD 350
Max Patient Weight kg	45	90	158
Max Patient Height cm	152	178	193
Vertical lift cm	58	58	69
Base inside width cm	64	64/69/76	64-86

New Drop Down Yoke
- on ET models



LiteGait®
*The Original Partial Weight Bearing
Gait Therapy Device*

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See more at:
www.LiteGait.com

Sign up at:
www.LiteGait.org

Models	Max Patient Weight kg	Max Patient Height cm	Lift Stroke/Height adjust cm	Overall Length cm	Base Inside Width cm
WK 75	36	135	Manual 85	80	62/67/75
WK 100	50	150	Manual 77,5	80	62/67/75
LG 100 MX	50	150	45	80	62/67/75
LG 200 MX	100	180	45	105	67/75/86
LG 300 MX	150	195	60	112	75/86
LGI 200 P	100	210	60	105	75/86
LGI 260 E	130	230	70	117,5	75/86
LGI 400 E	200	275	100	122,5	76/86
LGI 400 ET	200	260	100	122,5	76/86
LGI 400 ES	200	188	81	119	76/86
LGI 500 E	250	262	100	122,5	86
LGI 500 ET	250	247	100	122,5	86

All models are available in customer specific measures on request