

LiteGait[®]

Product Catalogue



THE FEATURES OF LiteGait®

MAKING IT THE MOST ADVANCED SOLUTION FOR GAIT THERAPY

Yoke

The Y-shaped yoke supports the patient from directly over each shoulder maintaining posture and balance. This unique design allows control over the partial weight bearing status of each side of the body independently.

Integrated FreeDome Yoke

Allows user to freely rotate 360 degrees or can be locked in any position while supported by the LiteGait harness. Practice backward and sideways walking on or off the treadmill or activities such as gait, balance, and ADLs while facing outward. LiteGait sensors measure the weight bearing changes on the right and left side of the patient's body and are displayed on the BiSym Tablet.

Straps

Four overhead adjustable straps allow correction of asymmetric upper body posture. Each of the straps can be individually adjusted to correct posture for proper walking, balance and other activities.

Gaiter Stool

Attaches directly to the base of the LiteGait. Provides positioning and ease for the clinician while facilitating movement both over the treadmill and overground. It is highly adjustable for improved clinician biomechanics.

FlexAble

Vary the rigidity of the support, with the turn of a knob, providing variable control to enhance a patient's therapy. Accommodates the vertical displacement that occurs at higher walking speeds and with balance activities.

BiSym Tablet

Sensors measure weight bearing load changes from right to left side during gait cycle. The BiSym scale displays the value of support provided by LiteGait in selected weight units or a percentage of patient's body weight.

Actuator

The lift mechanism is a rechargeable, battery powered actuator which permits the incremental adjustment of weight bearing. Smooth adjustment with the touch of a button.

iHarness

Provides frontal, sagittal and transverse plane control to create a biomechanically-appropriate posture. Harness features impermeable, breathable, wipe-able material, ensuring a softer, more comfortable fit for the patient.



LiteGait®

Adult

The LiteGait is a device for postural control, weight bearing assistance, and fall-free therapeutic activities. It enables safe application of therapeutic interventions performed by the clinician, freeing the clinician to focus on directing the quality of the intervention, rather than supporting the client, benefiting clients of all functional levels and diagnoses.

LiteGait therapy assists the client in the event of weakness, to allow for more free movement of the limb during swing phase of gait, and to prevent buckling of the limb during stance phase of gait or in standing and balance activities. LiteGait therapy also benefits the client in the event of pain in the lower extremity making weight bearing difficult or painful, allowing the patient to be unweighted just enough to minimize or eliminate pain. LiteGait therapy can be applied for standing, gait and balance training with the client with weight bearing restrictions or with an amputation- both prior to and during prosthetic training. LiteGait therapy promotes mobility in clients who have diminished cardiovascular endurance and activity tolerance, enabling greater practice and repetitions of activities without increasing the demand on the cardiovascular system. The fall-free environment with LiteGait therapy lets high functioning clients focus on the mechanics of gait, running, balance

and other functional activities and be challenged to a high degree with the LiteGait to support any loss of balance.

The unique design of the LiteGait, with two points of contact over each shoulder, allows body weight support to be provided asymmetrically, so that the support can be directed exactly where needed, while facilitating normal weight bearing where appropriate. The overhead straps attaching above each shoulder provide postural control and support to assist symmetric upright positioning even for those without trunk strength or stability to support themselves.

Adult LiteGait models support clients up to 500 pounds and up to 7'7" over ground and are available with varying packages, features and accessories. The adjustability built into these systems allows facilities to easily treat all their patients with the same unit.

Every system comes with everything you need including the harness/harnesses that fit a large range of adult patients. The harness is designed to fit a wide size range of clients, with forces distributed over the abdomen and pelvis to comfortably transfer body weight from the legs to the LiteGait.

*All LiteGait models are
backed by*



a one year
replacement
warranty



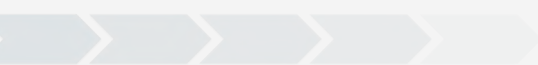
a responsive
Service
department



an extremely active
Education department
conducting affordable
trainings



exceptional Clinical
Support giving you direct
access to our clinical
educators



LiteGait combines body weight support with postural correction: a feat that no other system accomplishes! LiteGait moves easily between over-ground and treadmill environments, from bedside to the PT gym, from intensive care to outpatient to home environments.

WHY?

Why body weight support?

- Decreases the energy cost of walking
- Off-load painful joints
- Support weak structures
- Ensure compliance with weight bearing restrictions
- Enable whole-task practice with highly-impaired individuals
- Eliminates fear of falling
- Early mobilization
- Decrease caregiver assistance
- Permits a single therapist to provide all the required assistance
- Allows detailed assessment including viewing from a distance, palpating lower body activation during movement, and providing hands-on assistance/facilitation at the lower body

Why postural correction?

- Alignment optimizes biomechanical forces acting on the system.
- Promotes hip extension in terminal stance with elongation of hip flexors to stimulate initiation of swing and central-pattern generator activation.
- Alleviates pain associated with aberrant postural alignment.
- Allows unilateral off-loading of painful/weak/weight-bearing restricted side.
- Promotes symmetrical step length, a predictor of continued improvement.

Why treadmill-based?

- Forced-use of increased walking speed.
- Imposes rhythmicity to gait.
- Promotes symmetry of gait
- Endless walkway.
- Ease of facilitating lower-body movement and weight shift.
- Promotes reciprocal gait pattern.

Why over-ground?

- Motivating
- Carryover to independent over-ground gait.
- Assistive device training.
- Pre-gait activities.
- Advanced skills training.

BENEFITS

Benefits for the client:

- Practice functional tasks in a fall-free environment
- Increase confidence to engage in activities beyond current functional level
- Supported environment allows for best quality practice for more efficient, effective movements
- Enhance symmetry of posture and movement for best practice
- Vary degree of unweighting individually on each side as needed for decreasing pain, body weight, cardiovascular load, or compensating for weakness
- Control available planes of movement to increase or decrease the challenge
- Perform a variety of tasks in different conditions and environments (quadruped, seated, standing, walking, running; bedside, kitchen, outside, treadmill, over ground, with assistive device etc.)

Benefits for the therapist:

- Facilitate movement, provide cues, observe client posture and mechanics, all while client is supported hands-free
- Increase confidence to challenge clients in functional tasks, gait and running speed, dynamic seated and standing balance, etc.
- Quickly transition between treatments- from seated to standing, body weight supported treadmill training, over ground training with assistive device, balance training, quadruped, strengthening, etc.
- Document and demonstrate client progress over time, provide feedback to clients and provide reports for documentation with BiSym Scale ([link](#))
- Maximize outcomes by engaging clients in best practices with high level, task-specific, quality practice with high repetitions

Benefits for the facility:

- Increase safety for the client and therapist decreases risk for falls and injury
- Enhance outcomes with better quality and more quantity practice for clients
- Improve efficiency with treatments by allowing clinicians to treat even complex and low-functioning clients one-on-one, decreasing the need for co-treats and additional staff
- Drive referrals with marketing of LiteGait Therapy and assistance from Mobility Research
- Provide therapy services to clients previously not eligible for therapy-functional plateau, low-functioning, decreased cognitive participation
- Receive ongoing clinical support, training resources and technical support to keep clinicians engaged and utilization of the LiteGait high

LG 700

The LiteGait 700 is our entry model into the adult devices that can lift and safely support clients up to 135KG, while maintaining portability and a small footprint. Clients can be lifted to standing and the amount of body weight support adjusted smoothly with the touch of a button through the precision-made dynamic actuator/lift mechanism that provides up to 70cm of powered lift stroke.



LG700, and Q-pads

LG700, with GKmini. LiteGait may look different than image above. Client is wearing leg straps



Make incremental weight bearing adjustments

2139 (LG700S)

Includes

- FlexAble
- Integrated FreeDome
- 3D Handlebar
- Standard Adult iHarness & Groin Pieces,
- Q-Straps.

2149 (LG700D)

Includes

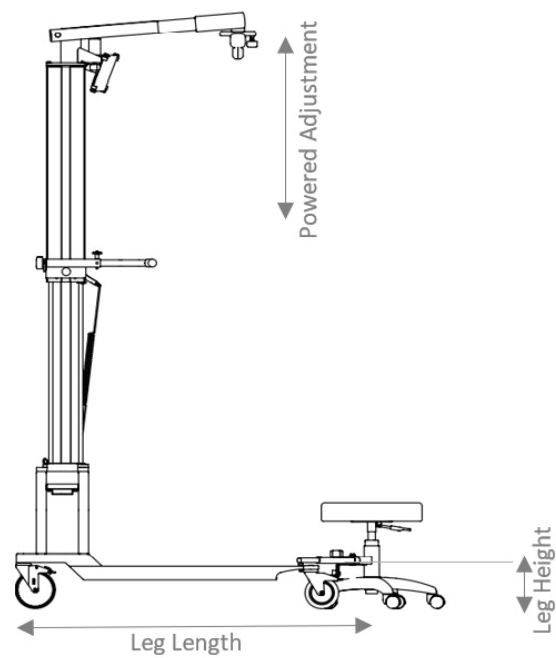
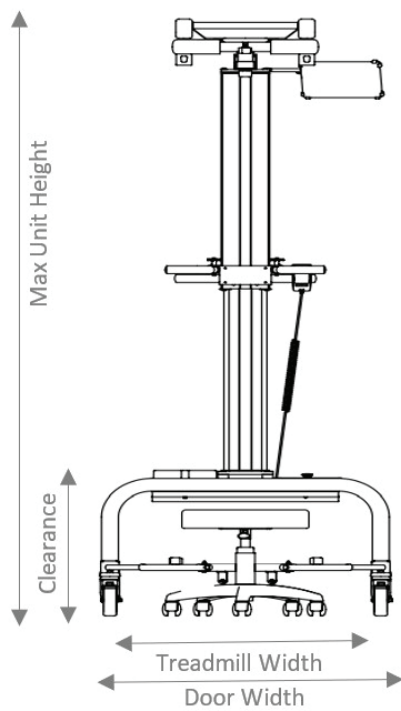
- FlexAble yoke,
- Integrated FreeDome,
- Wired Tablet Bisym,
- Gaiter Stool
- 3D Handlebar
- Standard & Small Adult Harnesses & Groin Pieces,
- Q-Straps.



LG700D, Gaiter Stool, LiteGait may look different than image above. Client is wearing leg straps.

Knee facilitation / TherEx

- Assist Posture, Balance & Weight Bearing
- Frees Therapist to Facilitate Walking
- Prevent Excessive Rotation
- Facilitate Hip Flexor Extension
- Differential Control of Right vs. Left Side
- Rigid to Flexible with FlexAble™ Yoke
- Mobile Design Goes from Room to Room
- Wide Range of Patient Sizes & Impairment
- Lift Patients up to 135KG from Sit to Stand
- Expands Treatment Options
- Accurate Support Measurement & Biofeedback with BiSym Tablet Scale



LG 700

Max. Patient Weight	150 kg
Max. Patient Height Over Ground	
Over Ground	217
Max. Patient Height w/Treadmill	
Over Treadmill	202
Yoke Adjustment	
Powered	70
Manual	N/A
Overall Unit Height	242

Base Options	Standard Base	76	76/86
Base Dimensions		76	86
	Treadmill Width	74	79
	Door Width	90	100
	Height (Floor to Top of Leg)	18	18
	Max. Base Footprint	97 x 115	
	Clearance	54	
	Leg Length	115	115
Shipping Dimensions	107 x 71 x 140 cm		
Shipping Weight	100 kg	102 kg	

Power Requirements: 110V-240V 50/60Hz

LG 700D

Max. Patient Weight	150 kg
Max. Patient Height Over Ground	
Over Ground	217
Max. Patient Height w/Treadmill	
Over Treadmill	202
Yoke Adjustment	
Powered	70
Manual	N/A
Overall Unit Height	242

Base Options	Standard Base	76	76/86
Base Dimensions		76	86
	Treadmill Width	74	79
	Door Width	90	100
	Height (Floor to Top of Leg)	18	18
	Max. Base Footprint	97 x 115	
	Clearance	54	
	Leg Length	115	115
Shipping Dimensions	107 x 71 x 140 cm		
Shipping Weight	113 kg	115 kg	

Power Requirements: 110V-240V 50/60Hz

All dimensions are listed in cm/kg and subject to change
Treadmill step up height 15 cm

LG 800

Our most popular model, the LG 800 devices are mobile, fall-free environments with a unique double point suspension system and one of a kind harness that controls posture, balance, and weight-bearing assistance simultaneously, while a client walks overground or over a slow moving rehab treadmill. The 800 model has a precision-made, robust dual actuator system that provides 80cm of powered lift stroke in assisting patients from sit to stand. With their quiet & dependable double motor system, the LG 800 can comfortably lift and support patients weighing up to 200KG



LG800 and GKmini. Sidestepping with use of FreeDome

Lift, Sit to Stand



- Assist Posture, Balance & Weight Bearing
- Prevent Excessive Rotation
- Facilitate Hip Flexor Extension
- Treat a Wide Range of Patient Sizes & Impairments
- Differential Control of Right vs. Left Side
- Train Gait under Fall-Free Conditions



LG800D, GK S20 with handlebars removed

The versatility of the LG 800's benefit clients of all functioning levels and can be used for supported gait training, pre-gait balance/dynamic standing/strengthening activities, assisted daily living activities, and all while being mobile enough to also use in most hallways and bedrooms. The meticulously crafted 800 series have precision-made, robust actuators that provide 80cm of powered lift stroke in assisting patients from sit to stand. With their quiet & dependable double motor lift mechanisms, built into the post of the LiteGait, the LG 800s routinely lift and support patients weighing up to 200kg.

LG 900

The LG 900 device benefits from a taller lift actuator allowing additional height for supporting clients of up to 6ft 11" tall over a treadmill (Based on a treadmill with a 6" step up). The 900 series have precision-made, robust dual actuator system that provides 90cm of powered lift stroke in assisting patients from sit to stand. With their quiet & dependable double motor system, the LG 900 can comfortably lift and support patients weighing up to 200KG



GK S22

- Frees Therapist to Facilitate Walking
- Lift Larger Patients from Sit to Stand
- Rigid to Flexible Support with FlexAble™ Yoke
- BiSym Tablet Scale Measures the Support on Each Side



Postural support
for sitting, standing
walking, running



2030 (LG800)



1963 (LG800D)



2031 (LG900)

Includes

- FlexAble yoke
- Integrated FreeDome
- 3D Handlebar
- Standard Adult Harness & Groin Piece

Includes

- FlexAble yoke
- Integrated FreeDome
- Wireless Tablet BiSym
- Gaiter Stool
- 3D Handlebar
- Standard & Small Adult Harnesses & Groin Piece
- Q-Straps

Includes

- FlexAble yoke,
- Integrated FreeDome
- Wireless Tablet Bisym
- 3D Handlebar
- Standard & Small Adult Harnesses & Groin Pieces, Harness Extender with 17" Groin Piece
- Q-Straps

LG 800

Max. Patient Weight	200 kg
Max. Patient Height Over Ground	
Over Ground	217
Max. Patient Height w/Treadmill	
Over Treadmill	202
Yoke Adjustment	
Powered	80
Manual	N/A
Overall Unit Height	242

Base Options	Standard Base	86	76/86
Base Dimensions		76	86
Treadmill Width		74	84
Door Width		80	99
Height (Floor to Top of Leg)		20	18
Max. Base Footprint		97 x 123	
Clearance		54	
Leg Length		123	123
Shipping Dimensions		107 x 71 x 140 cm	
Shipping Weight		125 kg	135 kg

Power Requirements: 110V-240V 50/60Hz

LG 800D

Max. Patient Weight	200 kg
Max. Patient Height Over Ground	
Over Ground	217
Max. Patient Height w/Treadmill	
Over Treadmill	202
Yoke Adjustment	
Powered	80
Manual	N/A
Overall Unit Height	242

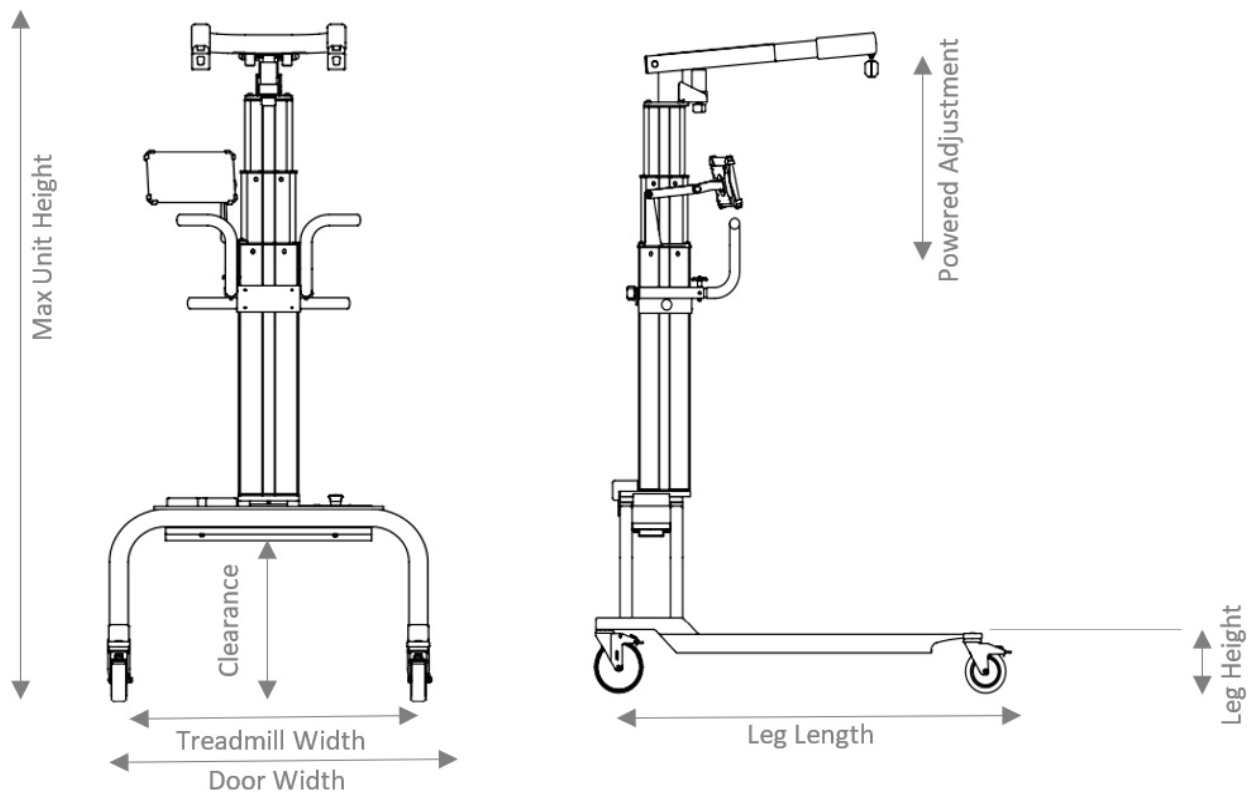
Base Options	Standard Base	86	76/81/86		
Base Dimensions			76	81	86
	Treadmill Width		74	79	84
	Door Width		90	95	100
Height (Floor to Top of Leg)			20	18	18
	Max. Base Footprint		97 x 123		
	Clearance		54		
	Leg Length		123	123	123
Shipping Dimensions			107 x 71 x 140 cm		
Shipping Weight			125 kg	135 kg	

Power Requirements: 110V-240V 50/60Hz

New Upgrade for LiteGait : **NexGen**

Smart BiSym—option, With Smart BiSym, the weight-bearing assist feature, WB restriction is enforced for ortho patients and WB is encouraged for neuro patients automatically. Actuator moves to maintain the threshold set by clinician's goal setting

Smart Controller—option, automatically adjusts the overhead lift according to support goals designed by the therapist. Never worry about under- or over-supporting again! Just set the desired % of weight to be held and allow the Smart Controller to self-adjust as needed throughout your therapy session



LG 900

Max. Patient Weight	225 kg
Max. Patient Height Over Ground	
Over Ground	230
Max. Patient Height w/Treadmill	
Over Treadmill	215
Yoke Adjustment	
Powered	90
Manual	N/A
Overall Unit Height	255

Base Options	Standard Base	86	81/86
Base Dimensions		81	86
	Treadmill Width	79	84
	Door Width	95	100
	Height (Floor to Top of Leg)	18	18
	Max. Base Footprint	97 x 122	
	Clearance	52	
	Leg Length	123	123
Shipping Dimensions	107 x 71 x 140 cm		
Shipping Weight	125 kg	135 kg	
Power Requirements: 110V-240V 50/60Hz			

	LG 700		LG 800	LG 800	LG 900
	Standard	Deluxe	Standard	Deluxe	Standard
Max user weight	150		200		225
Overall height	242		242		255
FreeDome included	integrated		integrated		integrated
Max user height overground	217		217		230
Max user height over 6" treadmill	202		202		215
Powered stroke adjustment	70		80		90
Manual stroke adjustment	N/A				
Base width - Standard	76		86		86
Base width - Options	76 86		76 81 86		81 86
Max Treadmill Width	74 84		74 79 84		79 84
Door width	90 100		90 95 100		95 100
Height of base (floor to top of leg)	18		20 18 18		18
Length of base leg	115		123		123
Clearance	54		54		52
Max footprint (width x length)	97 x 115		97 x 123		97 x 123
Harnesses included	1	2	1	2	2
BiSym tablet	optional	wired	N/A	wireless	wireless
Nex Gen	N/A		optional		optional
GaiterStool	optional	included	optional	included	optional
3D handlebar	included		included		included
Parallel grab bar	optional		optional		N/A
L-Shape handlebars	optional		optional		optional
Q-Straps	included		optional	included	included
Power requirements	110V-240V 50/60Hz				
		5			

	LG 100FX	LG 200P
Max user weight	50	100
Overall height	178	221
FreeDome	integrated	optional
Max user height overground	160	206
Max user height over 6" treadmill	145	191
Powered stroke adjustment	45	70
Manual stroke adjustment	70	40
Base width - Standard	64	69
Base width - Options	64 69 76	69 76
Max Treadmill Width	62 67 74	67 74
Door width	75 80 87	82 89
Height of base (floor to top of leg)	20	20
Length of base leg	82	108
Clearance	39	43
Max footprint (width x length)	84 x 82	87 x 108
Harnesses included	1	2
BiSym tablet	N/A	optional
Nex Gen	N/A	N/A
GaiterStool	optional	optional
3D handlebar	included	included
Parallel grab bar	optional	optional
L-Shape handlebars	optional	optional
Q-Straps	included	included
Power requirements	110V-240V 50/60Hz	

*Superior Therapy
& Versatility*

LiteGait®

Paediatric

The paediatric LiteGait provide the same postural control, weight bearing assistance, and fall-free safe supported environments as our adult models.

These models meet the needs of paediatric clients from infants through young adults. They are all highly adjustable to provide support appropriate for the user's height or activity to enable best practice for gait, balance, play activities, and activities of daily living.

Support clients in standing, seated, or quadruped, and use over a treadmill, overground, or engage with balance equipment, toys, and other equipment

Paediatric LiteGait models accommodate even the smallest clients in crawling and pre-walking, and supports clients up to 200 pounds and up to 6'6" over ground. Paediatric LiteGaits are available with varying packages, features and accessories.

LG 100FX

The LiteGait 100FX provides both manual and powered adjustability and the FreeDome yoke is built-in. The LiteGait 100FX supports user up to 45 kg and up to 157 cm over ground and 142 cm over a treadmill. The yoke adjusts up to 69 cm manually to be positioned appropriate for the user's height or activity and has 46 cm of powered yoke to adjust body weight supported and lift user onto or off equipment. The parallel bar style handlebars can be adjusted for the user's needs or removed when needed. The built-in FreeDome Yoke allows the user to rotate 360° while supported in the LiteGait to practice backward and sideways walking on the treadmill or to face outward for overground activities.



*Perform dynamic sitting balance,
trunk strengthening,
& weight shifting
exercises*



- Facilitate appropriate gait patterns
- Prevent excessive trunk rotation
- Train with reduced weight bearing demands
- Train under fall-free conditions
- Lift safely from sit to stand
- Provides biomechanically correct postural support
- Offers balance assistance

LG 200P

The LiteGait 200P is our most versatile Paediatric LiteGait. The LiteGait 200P accommodates users up to 200 pounds and up to 6'6" overground, and up to 5'6" over a treadmill* with accessories. The yoke can be adjusted manually up to 18" to adjust the height appropriate for the user or activity, with powered lift of 28" to adjust weight supported or assist the user in stepping onto or off treadmill or other equipment. The LiteGait can be used to lift the user from seated into standing, and onto a treadmill. The 3 dimensional handlebars can be adjusted for the user's needs or removed when needed

Optional BiSym Tablet
and parallel grab bars



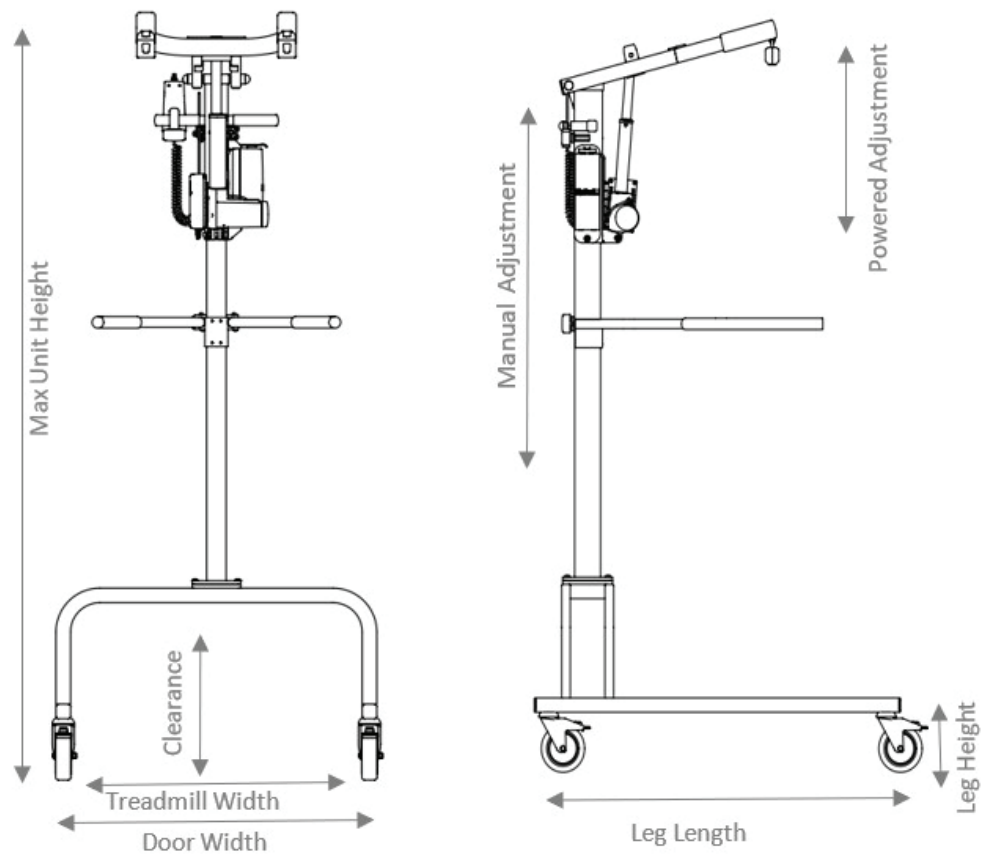
*Be Creative and Challenging
Balancing and Jumping*



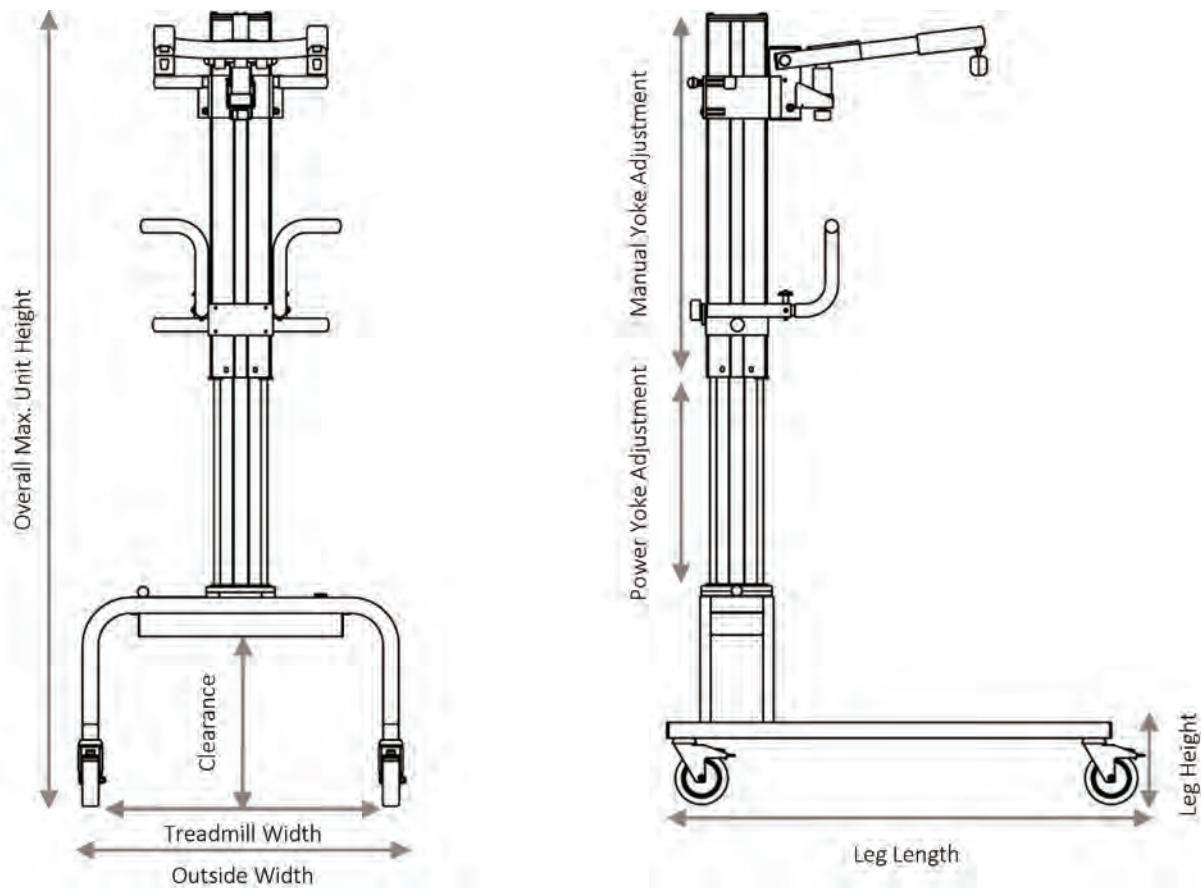
- Frees caregiver to facilitate walking
- Distribute support where needed
- Use overground or over a treadmill
- Lightweight and portable
- Wide range of user sizes and impairments
- Optional BiSym™ Tablet measures support on each side and visualizes feedback



LG 100FX



LG 200P





1884 (LG100FX)

Includes

- Integrated FreeDome
- Paediatric iHarness & Groin Pieces
- Parallel Grab Bar
- Q-straps
- 90 minute online Training



1717 (LG20P28)

Includes

- Small & Jr. iHarness & Groin Pieces
- 3D Handlebars
- Q-straps
- Training

LG 100FX

Max. Patient Weight	100 lbs
Max. Patient Height Over Ground	
Over Ground	5'- 2"
Max. Patient Height w/Treadmill	
Over Treadmill	4'- 8"
Yoke Adjustment	
Powered	18"
Manual	27"
Overall Unit Height	5'- 8"

Base Options	Standard Base	25	25/27/30		
Base Dimensions		25	27	30	
	Treadmill Width	24"	26"	29"	
	Door Width	29"	31"	34"	
	Height (Floor to Top of Leg)	5.5"	5.5"	5.5"	
	Max. Base Footprint	33" x 32.5"			
	Clearance	13"			
	Leg Length	32.5"			
Shipping Dimensions	38" x 18" x 47"				
Shipping Weight		97 lbs	100 lbs	102 lbs	

Power Requirements: 110V-240V 50/60Hz

LG 200P


Max. Patient Weight	100 kg
Max. Patient Height Over Ground	
with FreeDome	191
without FreeDome	206
Max. Patient Height w/Treadmill	
with FreeDome	176
without FreeDome	191
Yoke Adjustment	
Powered	70
Manual	40
Overall Unit Height	221

Base Options	Standard Base	69	69/76		
Base Dimensions		69	76		
	Treadmill Width	67	74		
	Door Width	82	89		
	Height (Floor to Top of Leg)	20	20		
	Max. Base Footprint	87 x 108			
	Clearance	43			
	Leg Length	108			
Shipping Dimensions		107 x 71 x 140 cm			
Shipping Weight		125 kg	133 kg		

Power Requirements: 110V-240V 50/60Hz

THE RECOVERY PROJECT

SPECIALIST THERAPY EQUIPMENT

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