Large Pacer (K640 dynamic upper and utility base)

Pacer

Gait training has come a long way since we introduced our first model almost 30 years ago. And over the years our customers have constantly given us design suggestions. Now, we're pleased to respond with the redesigned Pacer. We know you'll see your ideas reflected in this newly imagined gait trainer.

We surveyed 4,000 customers and spent three years of intensive engineering to bring you this product, and you'll find the Pacer accommodates clients of every ability, in every setting. And like all of our products, it comes with the quality and dependability you rely on from Rifton.

> "My students have a wide range of motor issues. Many need a gait trainer that allows them more freedom of movement. Sometimes with our old equipment, it seems like they're fighting against the device, but Rifton's dynamic Pacer allows and even shapes the natural movement that occurs with walking. It's fabulous."
>
> **Nikki Cornell, MPT**
> **Clovis Unified School District**
> **Clovis, CA**

Find letters of medical necessity and informative articles at:
www.rifton.com/pacer

DESIGNED FOR USE WITH THE MOVE® PROGRAM

The Pacer (dynamic shown here) is easily configured to meet your clients' every need. Choose between dynamic and standard upper frames and pair them with standard, utility and treadmill/stability bases.

The Pacer family

New! Mini

New! Small

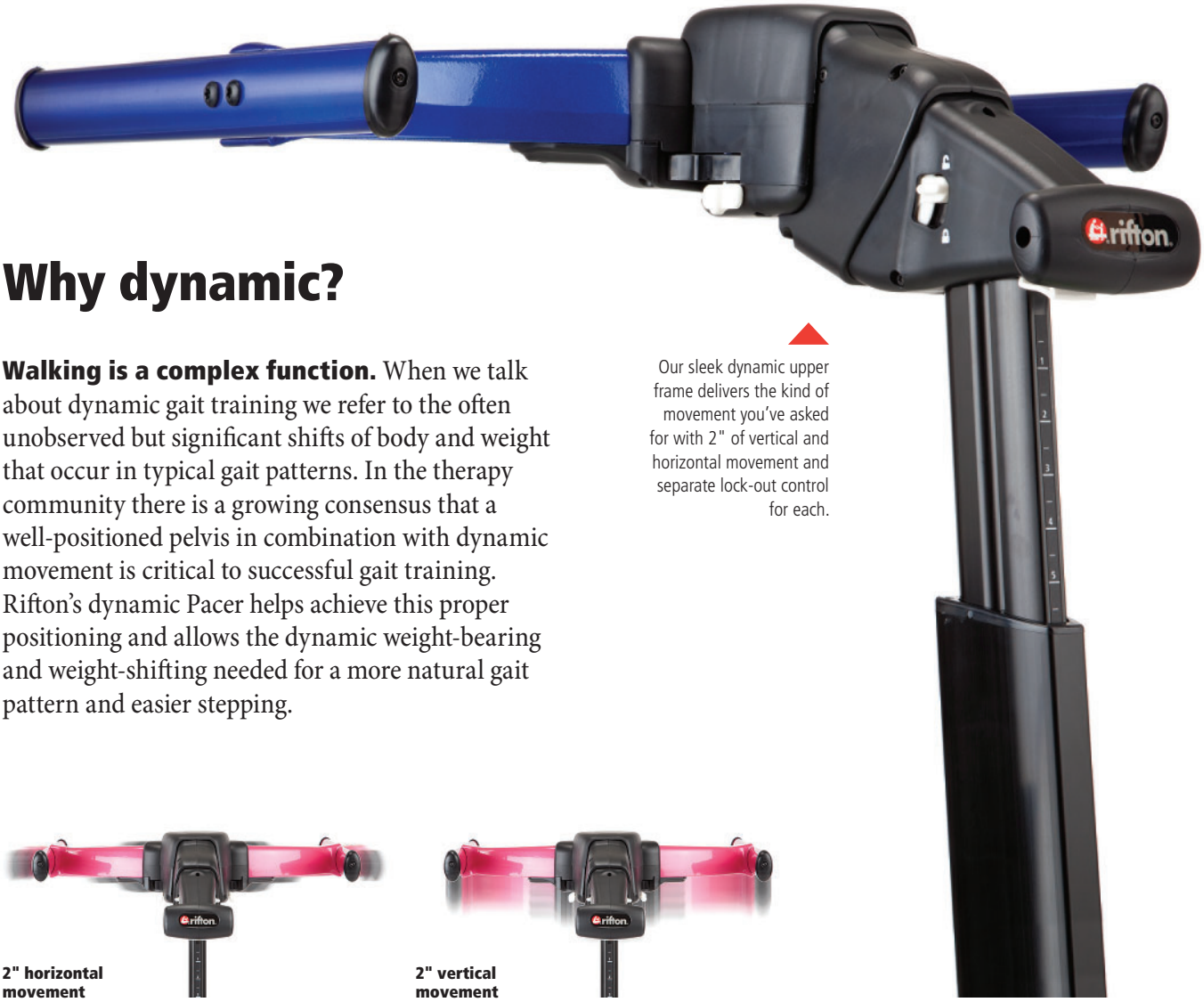
Medium

Take it outside.
The large wheels of the utility base let you go places you never could before.

Large

XL

E-Pacer (see pp. 20–29)



Why dynamic?

Walking is a complex function. When we talk about dynamic gait training we refer to the often unobserved but significant shifts of body and weight that occur in typical gait patterns. In the therapy community there is a growing consensus that a well-positioned pelvis in combination with dynamic movement is critical to successful gait training. Rifton's dynamic Pacer helps achieve this proper positioning and allows the dynamic weight-bearing and weight-shifting needed for a more natural gait pattern and easier stepping.

Our sleek dynamic upper frame delivers the kind of movement you've asked for with 2" of vertical and horizontal movement and separate lock-out control for each.

2" horizontal movement

2" vertical movement

We make optimal positioning an easy lift.

The single-column upper frame features a locking gas spring that adjusts to any height on the indexed column.

A single button releases the gas spring for easy height adjustment. Release the button to lock it at any height.

The column is indexed for easy recording of positions between clients and sessions.

Combining the fluid height adjustments on the MPS and upper frame, the Pacer adjusts low enough for transfers from the seated position.

Once the transfer is completed, caregivers raise the client into an upright position for gait training.

The Multi-Position Saddle (MPS) is the ultimate positioning accessory for gait. It quickly fine-tunes pelvis positioning for anterior or posterior use. Adjustable in five directions to accommodate each client's posture, the MPS easily attaches to both the dynamic and standard upper frames.

Hip corral depth and height adjustments provide cushioning and support for the pelvis at the level of ASIS.

Adjustment range:
Large: depth 3", height 3"
Med/Small: depth 3", height 2"

Saddle height adjusts to fine-tune the position of the pelvis during gait.

Adjustment range:
Large: 8½", Med: 8½", Small: 5½"

Saddle angle is adjustable to position the pelvis in anterior or posterior tilt for the most effective gait pattern.

Adjustment range:
Large: 15° forward and 15° back
Med/Small: 7° forward and 7° back

Saddle depth adjusts to optimally position the pelvis in relation to the upper body to encourage forward motion during ambulation.

Adjustment range:
Large: 5", Med/Small: 4"

Using the height adjustment on the MPS, the caregivers raise the client's pelvis to the optimal height for weight-bearing and step-taking.

With the tilt adjustment on the MPS, the caregivers position the client's pelvis for the most effective gait pattern.

Our best casters just got better.

Really good isn't good enough when it comes to mobility,
so we took your advice and made our acclaimed casters work even harder.

Standard base casters

Utility base front caster

Utility base rear wheel

A measurable improvement

The odometer, available as an option on every Pacer base, makes it easy to record a client's progress in either feet or meters. No more counting tiles!

Front caster with odometer

Transportable

The detachable upper frame makes it easy to stow and transport the Pacer. Separable components allow you to bring the right base for each client and every setting.

Posterior position

Posterior positioning is a natural progression towards independent movement, and it gives the users improved access to their environment.

Note: The standard base is recommended for posterior positioning. When the utility base is reversed, steering is more difficult and the directional lock feature will not work.

Reverse the MPS

The MPS has been thoughtfully designed to allow reverse positioning of the saddle, which enables gait practice with the frame in the posterior position. For instructions on how to place the MPS in the posterior position, visit rifton.com/MPSposterior.

Treadmill / stability base

You wanted to use your Pacer on the treadmill. Now you can – with our versatile and cost-effective treadmill/stability base.

Available in two widths, these bases straddle almost any treadmill and can be used with the large, medium and small upper frames. It's not just for treadmill use; overground this base provides all the functions of our standard base but with increased width for better stability.

The treadmill/stability base has 7½" of height adjustment to compensate for the height of a treadmill.

Standard treadmill/stability base

Components

Dynamic upper frame provides dynamic weight-shifting and dynamic body-weight support, encouraging natural gait patterns.

Standard upper frame is a great choice for clients who do not need dynamic movement. It accommodates all the Rifton prompts you're familiar with and depend on.

Standard base

Designed to be used on smooth surfaces.

Caster size: 5½"

Utility base

For indoors or out, this base is the best choice for navigating thresholds, lawns, gravel paths or chipped playgrounds. No downhill, though, please! Always be safe.

Caster/wheel size: front casters 8", rear wheels 11½"

Treadmill/stability base

Designed to accommodate most treadmills, this base lets a client practice stepping on a treadmill before progressing to overground ambulation. It's also a good choice for clients who need a wider, more stable base for gait training.

Caster size: 5½"

Arm prompts

Versatile arm prompts include height, rotation, angle, lateral proximity and forward/backward adjustments to accommodate numerous positioning requirements.

Padded surface area	**Adjustment range**
small 4½"x 8"	(elbow to fist): small 9"–12½"
large 5"x 9"	large 10½"–15"

Arm platforms

Arm platforms offer a simple alternative for clients who need less arm positioning. Platforms attach to our adjustable arm prompt base and are made of closed-cell molded foam for padded comfort and easy cleaning.

Padded surface dimensions: 13½"x 5½"

Hand loops

For less involved clients, hand loops can be used as a pair or singly.

Chest prompt

The padded chest prompt holds the client's torso securely at the angle of your choice. It is available in three sizes.

Range of circumference	**Height**
small 14"–28"	small 4½"
med 22"–40"	med 6½"
large 28"–50"	large 8"

Multi-position saddle

The multi-position saddle (MPS) enables finely tuned positioning of the pelvis. Adjustable in five directions to accommodate each client's posture, the MPS attaches to both the dynamic and standard upper frames.

Dimensions: see page 9

Components (continued)

Pelvic support

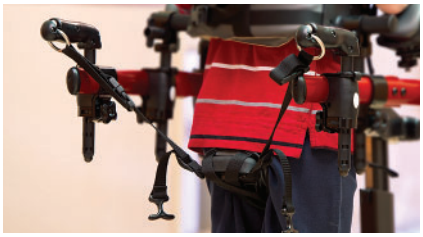
For clients who need less abduction, the pelvic support is a softer alternative to the hip positioner. It provides weight–bearing assistance and freedom of movement while clients build strength and stamina.

Dimensions: see page 18

Hip positioner

The hip positioner is designed to encourage good positioning for gait training. It enables natural pelvic movement and lower extremity weight-shifting, and provides good abduction. A pad is available for added comfort.

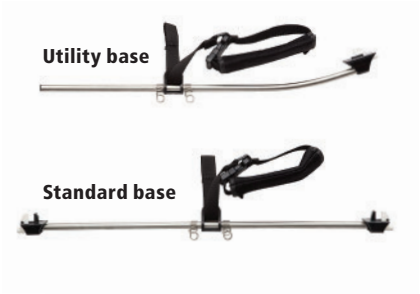
Dimensions: see page 18



Thigh prompts

Thigh prompts swing with the user's stride and prevent leg scissoring. They are height adjustable in the medial and lateral positions and prevent user from turning within the Pacer frame.

Length (from clamp to strap)	**Max. leg circumference**
small 5"–8"	small 15"
large 5"–11"	large 20"



Ankle prompts

Ankle prompts snap securely onto the frame and have comfortably padded ankle straps. The spring adjusters limit stride length and control stride placement. Adjust the strap length to determine foot separation and prevent scissoring.

Handholds

The ergonomic handholds are height-adjustable, and can be positioned in four directions and placed anywhere along the top bar of the frame. Handholds can be used by caregiver or client.

Communication tray

Our redesigned communication tray features a new mounting system with an improved range of positions. Great for holding tablets and other mobile devices.

Inside dimensions: 8½"x 11"
Max. working load: 10 lb

Accessories tote

A tough and attractive tote bag big enough (14"x 16"x 9") to keep all your Pacer components together when not in use. Made of black ballistic nylon with a zippered top, here's a bag that will hold up to whatever you throw in it and still look great. And like all things Rifton, it's made in the USA.

Attendant guide bar

The guide bar is made of lightweight, high strength aluminum alloy. It attaches to the front tube of the standard or utility base with a quick-release clamp, and enables the caregiver to guide the Pacer from in front or behind.

Hand brakes

The hand brakes combine both running and parking brake functions in a simple lever-action control. The brakes attach to the arm prompts and can be quickly removed when not needed.

Note: Since retrofitting is complex, we recommend ordering brakes with the original purchase.

All Pacer frames come in your choice of five colors.

Red

Blue

Lime

Pink

Gray

Pacer dimensions

Key user dimensions (inches)	K610 mini	K620 small	K630 medium	K640 large	K650 XL
Elbow height	15½ – 20½	18½ – 27½	24 – 35	32 – 47	34–49

Key user dimension: elbow height
Measure the vertical distance from the bent **elbow to the floor** while the user is standing upright.

Choose the size that allows for growth.

Item dimensions (inches)		K610 mini	K620 small	K630 medium	K640 large	K650 XL
Floor to top of arm prompt		15½ – 20½	19 – 29	24 – 35	32 – 47	34 – 49
Floor to top of MPS (not tilted)*		N/A	10 – 20	9½ – 23½	17 – 35	19½ – 37½
Overall width	Standard base:	20½	23	26	28	31½
	Utility base:	N/A	N/A	30	32	N/A
	Narrow treadmill/stability base:	N/A	N/A	35	35	N/A
	Wide treadmill/stability base:	N/A	N/A	40	40	N/A
Overall length	Standard base:	22½	26	30	36	39¾
	Utility base:	N/A	N/A	36	40½	N/A
	Treadmill/stability bases:	N/A	N/A	41	41	N/A
Frame height	Standard & utility bases:	12½	16 – 21	21½ – 27	28½ – 38½	31 – 41
	Treadmill/stability bases:	N/A	23 – 35	23½ – 36½	30 – 47	N/A
Base height (without upper frame)	Standard & utility bases:	N/A	11	14½	16	18½
	Treadmill/stability bases:	N/A	N/A	21	21	N/A
Frame weight (lbs)	Standard base:	9½	10½	15	15½	22½
	Utility base:	N/A	N/A	18½	19¼	N/A
	Narrow treadmill/stability base:	N/A	N/A	27½	27½	N/A
	Wide treadmill/stability base:	N/A	N/A	28	28	N/A
	Standard upper:	N/A	6	7½	9½	11
	Dynamic upper:	N/A	7	11½	13½	15
Dynamic upper movement	Vertical:	N/A	1¼	2	2	2
	Horizontal:	N/A	1½	2	2	2
Maximum treadmill width	Narrow treadmill/stability base:	N/A	N/A	29	29	N/A
	Wide treadmill/stability base:	N/A	N/A	34	34	N/A
Maximum treadmill height	Treadmill/stability bases:	N/A	N/A	11	11	N/A
Maximum working load (lbs)		50	75	150	200	250

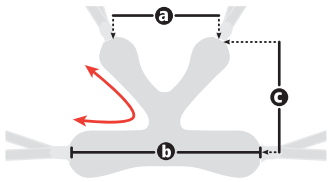
*This measurement is taken at the lowest frame and MPS height, and the highest frame and MPS height.

Pelvic support

User dimensions (inches)
Indicated by the red arrow below

Key user dimension: half of thigh circumference measured at the groin.

K556 small	K557 med.	K558 large
4 – 8	6 – 10	8 – 14

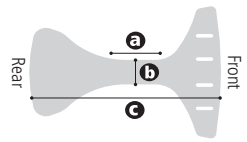


Product dimensions (inches)

	K556 small	K557 med.	K558 large
a	6½	8½	12
b	12	16	20
c	7	9	12

Hip positioner

Dimensions (inches) – without pad



	K513 small	K533 large
a Crotch length	2½	3½
b Width	1¼	1¾
c Length	9	11

Product comparison chart

	XL Pacer	E-Pacer	TRAM
Weight limit	250 lbs	350 lbs	350 lbs
Width of base (to determine min. door width)	31 ½"	31 ½"	27 ½"
Adjustment range (floor to top of arm prompt)	34"–49"	24"–61"	23"–60"
Zero-lift transfers (powered height adjustment)		✓	✓
Bluetooth-equipped scale		✓	✓
Expandable base frame		✓	✓
Low-base option (to fit under tight spaces)			✓
Collapsible frame	✓		
Dynamic weight shifting	✓		
Thigh prompts	✓		
Multi-position saddle (MPS)	✓		
Odometer	✓	✓	
Ankle prompts	✓	✓	
Four-function casters	✓	✓	
Hip positioner	✓	✓	✓
Pelvic support	✓	✓	✓
Arm prompts	✓	✓	✓