

# Ergo Trainer



The ET is a dynamic BWS system which partially relieves the patient of his body weight.

BWS allows patients with impaired walking ability to participate in an early gait training rehabilitation program.

Rehabilitation training with the ET is carried out on a treadmill and overground.

# Ergo Trainer



The Ergo Trainer is able to treat patients suffering from a wide range of neurological or musculoskeletal disorders, either congenital or acquired conditions such as:

Muscular Sclerosis, Cerebral Palsy, Parkinson, Muscular Dystrophy, spinal, stroke, post-operative, postural, balance, coordination, mobility

# Ergo Trainer



Hand control sets the amount of Body Weight Support - BSW.

The ET delivers a constant amount of body weight support as the patient moves up and down on the movable dynamic arm, securely supported in the Ergo Trainer harness.

The amount of body weight support is individually set by means of the hand control: 0 – 85 kg / 0 – 187 lbs

# Ergo Trainer



Track for mounting Ergo Trainer. Slides up & down on track.

Display window for body weight adjustment

Adjustable & movable dynamic arm

Pull cord to brake & release Ergo Trainer on track

Spreader bar strap



# Ergo Trainer

Hand control sets floating range / fall distance on dynamic arm.

The vertical floating range / fall distance of the dynamic arm is 0-55 cm / 0-21.65"

The tension / fall distance is individually set for each patient to the distance the patient is allowed to fall before being stopped by the arm.

As the patient's condition progresses and set targets are achieved, both the fall distance and the body weight support can be adjusted in order to challenge the patient more.

The fall distance is the distance measured from the patient's groin area to the floor.

# Ergo Trainer

A fall safe, controlled environment for patient & therapist.

Patient & therapist know that the patient will be caught by the dynamic arm and harness.

The fear of falling is removed and is no longer a safety concern for the patient.

The risk of possible work related injury to the therapist is removed.

Fall safe feature allows the therapist to introduce a more effective and challenging training program for the patient.

Fall safe feature allows the patient to participate more actively in the training program and allows himself to be challenged to do more.



# Ergo Trainer

Treadmill therapy:

Allows for a progressive programme of repetition of movement

Adjust speed & elevation

Allows adjustment of intensity, improve walking ability, walking speed, cadence, stride length, and focus on movement quality and gait performance

# Ergo Trainer

Treadmill therapy:

ET allows the therapist unrestricted access to the patient from both sides and the rear.

There are no restrictive barriers or side frames, so the therapist is free to support the patient additionally, to perform manual guidance of lower limbs during gait therapy and to assist with gait corrections and gait quality.

The patient has unrestricted movement of their arms & legs.

It also allows the therapist the freedom to treat more than one patient at a time.



# Ergo Trainer

## Overground training:

When the ET is not being used in conjunction with treadmill training, the BWS mode and the up and down movement of the dynamic arm allows for a comprehensive overground training program of different postural, standing and balance exercises, as well as training seated to standing positions.

# Ergo Trainer

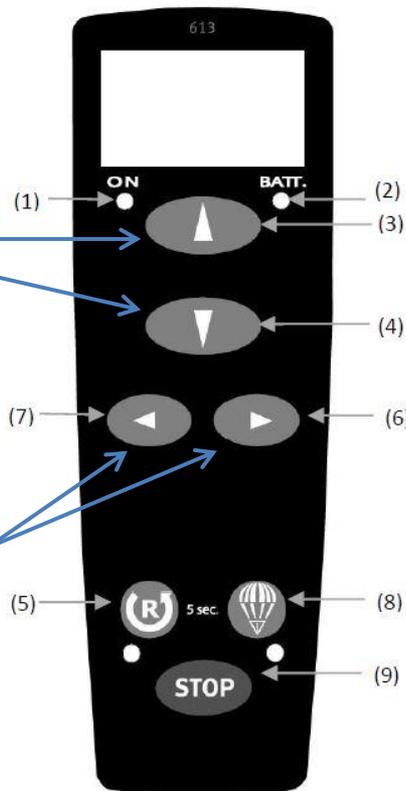
Control buttons for adjusting up and down movement and fall distance of dynamic arm.

Sets distance:

0 - 55 cm

0 – 21.65”

Control buttons for increasing or decreasing amount of body weight support / BWS



**(1) ON** – The LED light will turn on when the button up **(3)** or down **(4)** is used.

**(2) BATT.** – indicates the state of the battery.

**(3) + (4) Up / Down** – A constant press will move the lifter in the desired direction – release to stop.

**(5) Reset** – If the emergency stop is used, press the reset button for 5 seconds, the LED light will go out, and the Luna device is reactivated.

The reset button can also be used to lock all the functions to prevent unattended usage. When the reset button is pressed, the LED light below the reset button will turn red and all functions will be locked.

**(6) + (7) Pressure up / down** - The weight relief system will be adjusted up or down.

**(8) Emergency lowering** - (See section 2.2)

**Note:** This function works ONLY if the hand control is connected and the LED lights (1) are on.

**(9) STOP** - This button stops all functions immediately (this can be reset by holding the reset/lock button for 5 second. (see section 2.2)

# Ergo Trainer



Dynamic arm, tension adjustable, movable up and down. Set

Floating range / fall distance of the dynamic arm: 0 - 55 cm / 0 – 21.65” measured from patient’s groin to floor.

Tension is adjusted on hand control.

# Ergo Trainer



Display window showing  
body weight support in  
kgs: 0-85 kg / 0-187 lbs.

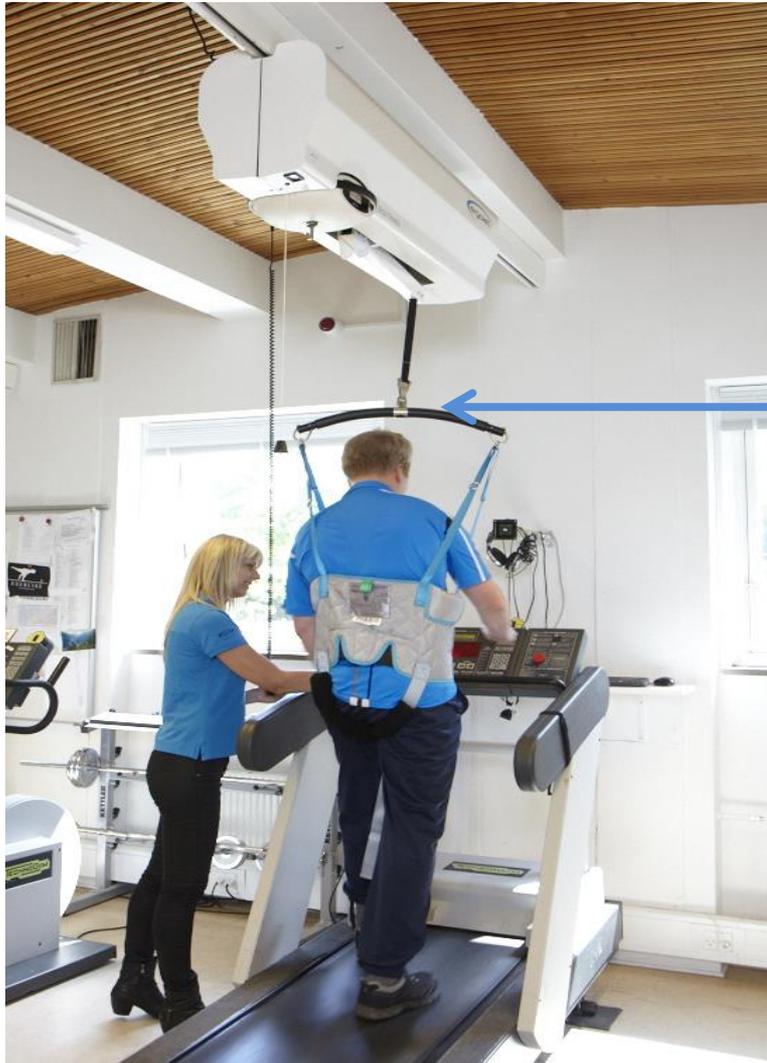
Adjusted on hand  
control.

# Ergo Trainer



Pull cord to lock or to release the Ergo Trainer into desired position on the track.

# Ergo Trainer



## Spreader Bar:

Spreader bar options for harness attachment. Available in 3 widths:  
58 cm / 48 cm / 36 cm  
22.8" / 18.8" / 14.1"

Integrated turning link on spreader bar allows free 360 degree rotation for seamless directional changes of the patient, e.g. for walking backwards, side stepping