



THE FLOAT

The innovative Gait and Balance Trainer



THE FLOAT

Free **L**evitation for **O**verground **A**ctive **T**raining

is a dynamic multidirectional overhead body weight support (BWS) system that supports your patients in the training and rehabilitation of their natural motion.



LOAD

Patient Groups

Patients with diagnoses affecting lower-body function due to brain or spinal cord injury and diseases of the nerves, muscles and bones, e.g.:

- Stroke
- Parkinson
- Multiple sclerosis
- Cerebral palsy
- Traumatic brain injury
- Spinal cord injury

Available Training

- Free walking for activities of daily living
- Sit to stand training
- Stair or ramp (ascending and descending)
- Customable parkour
- Outdoor simulation
- Balance training

Main Features

- **Dynamic Body Weight Support (BWS)**
Up to 60% of the patient's body weight
- **Free 4 dimensional agitation**
Your patient is able to move free in all 4 dimensions (forward-backward, left-right, up-down and rotation) to train activities of daily living
- **Highest patient safety**
All time fall prevention for a secure therapy session
- **Horizontal Assistive Forces (HAF)**
Horizontal assistive forces can be set individually to challenge the patient
- **Impulses**
Generate impulses by the therapist to support or to deliberately act the patient's session
- **Training data**
Assessment copy, check, adjust, repeat patient training

THE FLOAT

sets the standard in 4D locomotor therapy concerning performance, comfort, safety, and user friendliness.

Benefits for Patients

- No limitation of motion within defined training space
- Natural body motion of the patient
- Patients practice activities of daily living
- Patient fall prevention
- Upright posture of the patient
- Patients train above their limits to maximize therapeutic effect

Benefits for Therapists

- Reduced physical burden and risk of injuries
- Fast and easy set-up
- Free sight on the patient
- Reduced workload

Benefits for Institutions

- Cost-effective training
- Space saving design
- Easy clinical integration

Specifications

Body weight support:	4- 75 kg, 8-165 lbs (adjustable anytime)
Patient weight:	20 – 185 kg, 44-408 lbs
Patient height:	100 – 200 cm, 3' 3" -6' 7"
Max. speed:	5 km/h, 3.1 mph
Rotation about the z-axis:	360° endless
Recommended space requirements (L x W x H):	10 m x 3 m x 3 m, 33 ft x 10 ft x 10 ft
Mass of the complete The FLOAT:	approx. 450 kg, 992 lbs
Operating Conditions Temperature:	10 – 35°C, 50 - 95 °F
Relative air humidity:	30 – 75%
Power Supply:	3 x 400 VAC + N + PE, 32A

All specifications are subject to change without notice.
The FLOAT is fully customizable to your needs.

Contact

To learn more about The FLOAT and how it can improve your therapy approach and research direction, please contact us at **info@thefloat.ch** or at **+41 79 683 82 56**.

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