

WE MOVE YOU



Lokomat®Nanos

**RELEARNING
TO WALK FROM
THE BEGINNING**

EFFECTIVE GAIT TRAINING

Robot-assisted therapy enables effective and intensive training by providing a high number of task-specific repetitions, which is an essential factor underlying neuroplasticity and improved functional outcome.

ADJUSTABLE TO PATIENTS NEEDS

The physiological gait pattern is ensured by the individually adjustable exoskeleton combined with the patented dynamic body weight support system.



MOTIVATING PATIENT CHALLENGE

During rehabilitation, patients need to be challenged in their present individual capabilities and beyond. Speed, body weight support and robotic support can be adjusted to shape the intensity of the therapy and adapt to the patients' individual needs.

INCREASED EFFICIENCY

The Lokomat relieves the therapist from manually supporting the patient while walking and therefore allows therapists to focus on the patient and the actual therapy. To provide Lokomat training, only one therapist is needed. This may enhance the efficiency of your clinical setting.



STATE-OF-THE-ART GAIT REHABILITATION

Patients are well educated and informed about the most effective and efficient therapy options and use this information to decide where to go for their rehabilitation. A great reason to add the Lokomat to your therapy offering is that it has demonstrated to improve clinical outcomes related to walking abilities and functional mobility.¹



LEARN FROM YOUR PEERS!

For more information about Clinical Evidence, Education and Experiences with Hocoma solutions visit:
knowledge.hocoma.com

WHAT EXPERTS AND PATIENTS SAY



Jennifer Zoll
PT, Clinical Director, Neurological Recovery Center, USA

“ With the Lokomat, the machine does the heavy work, and it will continue working as long as you need it. It also provides constant feedback that allows you to track the patient’s progress. ”

Sebastian Dietz
Patient with incomplete SCI, Paralympics Gold Medal Winner 2012 and 2016

“ After having won the gold medal in discus at the 2012 Paralympics, I had to switch to shot put since discus was removed from the games. I threw discus standing, whereas for shot put I wanted to learn the spin technique to deliver a good performance and achieve something no one else with an impairment similar to mine does. Here the Lokomat helped a lot to improve functional mobility and balance. ”



Gabriele Lilienkamp
Patient 12 years post stroke

“ I find the training with the Lokomat very helpful, as I can work on my balance and I feel safer while walking. I can already walk much faster and roll my foot through the step. It’s fantastic what I achieved with this training so far, even all these years after the stroke! I wish all stroke patients could have access to this therapy. ”

Basic Biofeedback/VR

Dynamic Body Weight Support

Intuitive User Interface

Adjustable Robotic Gait Orthoses

Treadmill



DIMENSIONS

- **Space [L x W]:**
280 x 153 cm (swivel door closed)
305 x 212 cm (swivel door open)
- **Height:**
239 cm (94.1 in.) without extension
246 cm (96.9 in.) with extension
- **Weight:** 1000 kg (2204 lb.)

SPACE REQUIREMENTS

- **Space [L x W]:**
450 x 350 cm

PATIENT REQUIREMENTS

- **Patient weight max.:**
135 kg (297.6 lb.)
- **Patient height max.:**
200 cm (78.74 in.)
195 cm (76.7 in.) without extension

REFERENCES

¹ Hocoma data on file, as of Nov. 2022

PRODUCT DISCLAIMER

All Hocoma products are medical devices and must be used in strict adherence to the User Manual; failure to do so may result in serious personal injury. It is strongly recommended that you regularly consult Hocoma’s website (www.hocoma.com/legalnotes) for the latest available information. Please contact Hocoma should you have any questions. Use only under the supervision of qualified medical personnel. However, certain Hocoma products are marketed for home use and must be strictly used according to the recommendations of your medical care provider who is knowledgeable about your specific needs. Consult the User Manual and Hocoma’s website (www.hocoma.com/legalnotes) for appropriate product designation. Failure to obtain and follow the recommendations of your medical care provider may result in serious personal injury. This information provides details about medical products which may not be available in all countries and may not have received approval or market clearance by all governmental regulatory bodies throughout the world. Nothing herein should be construed as a solicitation or promotion of any product or of an indication of any specific use for any product which is not authorised by the laws and regulations of the country where the reader of this information resides.

WE ARE THE TOTAL SOLUTION PROVIDER FOR REHABILITATION

We offer efficient solutions and services with advanced technologies for human movement therapy across the entire continuum of rehabilitation: from severe to mild impairments and from acute treatment to continuous training at home. All our solutions are developed, manufactured and continuously improved in close cooperation with researchers and clinical partners.

THE CONTINUUM OF REHABILITATION



ERIGO

Safe verticalization and early functional mobilization. The Erigo gradually brings the patient into an upright position while moving the legs and applying cyclic leg loading.



LOKOMAT

The world's leading robotic medical device that provides physiological and intensive rehabilitative gait training to patients with severe to moderate impairments.



ANDAGO

Andago allows patients to walk self-determined and unrestricted. It bridges the gap between treadmill-based gait training and overground walking.



C-MILL

The C-Mill product line consists of cutting-edge balance and gait treadmills. Designed to simulate every-day scenarios through augmented and virtual reality, for interactive, dynamic and dual tasking exercises.

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