

# EXOSKELETON UNILEXA 2.0



**MEBSTER**

## **CONTACT US**

Whether you want to try  
the UNILEXA exoskeleton  
or you need more information,  
the next step is up to you.

**[smile@mebster.com](mailto:smile@mebster.com)**  
**[mebster.com](http://mebster.com)**



# EXOSKELETON UNILEXA 2.0



An innovative assistive and rehabilitation device designed to promote gait and upright posture for people with partial or complete loss of lower limb function.

It excels in its reliability, durability, portability, low weight, user-friendly setup, simple use, and optimal price to quality ratio.

CE Approved Class I Medical Device – Patented



## WHY UNILEXA



### AFFORDABLE

Its **cost-friendly** design enables availability to the general public thanks to potential reimbursement from health **insurance** companies.\*

\* relevant for specific markets



### USER-FRIENDLY

Our **patented** compact design guarantees portability, comfort, and fast don/doff directly from a wheelchair without the assistance of another person.



### SAFE AND RELIABLE

Accompanied by vast research, we have developed an optimal gait pattern using a medial construction with the knees locked and the feet **constantly parallel** with the ground, which ensures **stability** in all directions.

# SET UP PROCEDURE

Tighten the thigh cuffs



Step on the footplates



Tighten the lower leg cuffs



Flex the knees and connect



STAND UP AND GO!

# HEALTH BENEFITS



1 Improved mental health



2 Improved breathing



3 Cardiovascular training



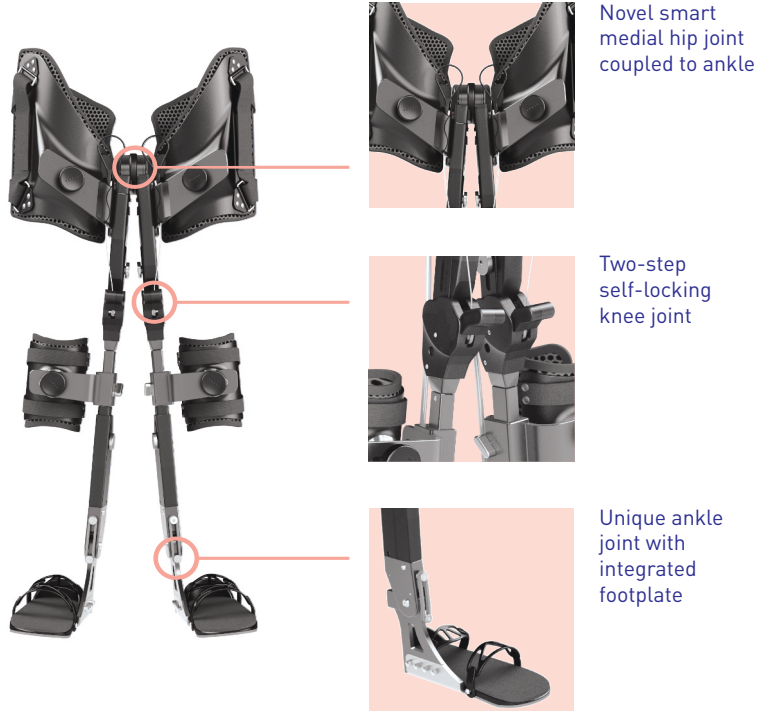
4 Reduced risk of gastro and urinary tract infections



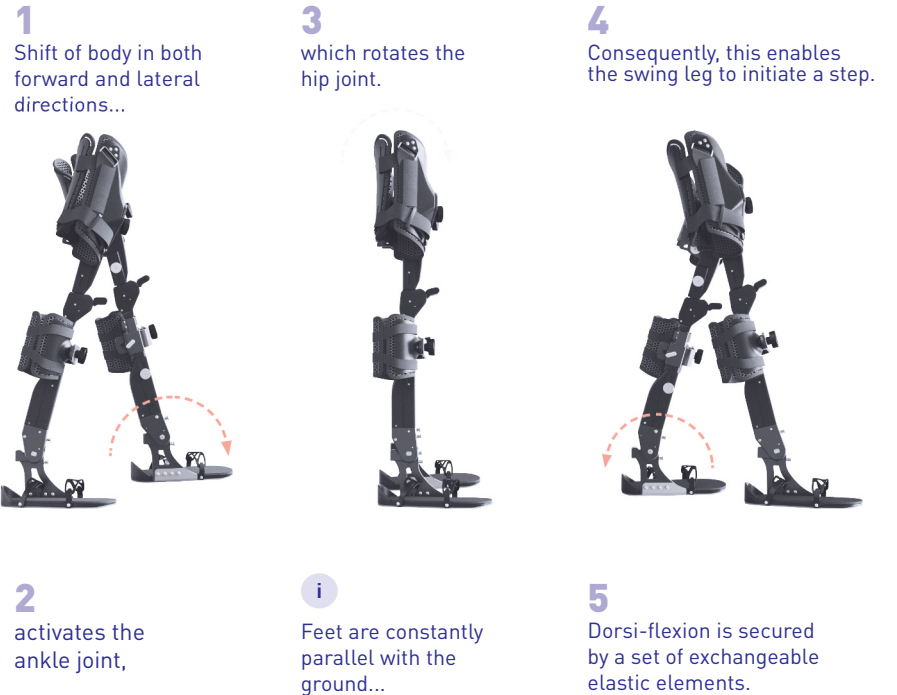
5 Strengthens muscles and bones



# UNIQUE PRINCIPLE



# STEP BY STEP



# UNILEXA PRIME

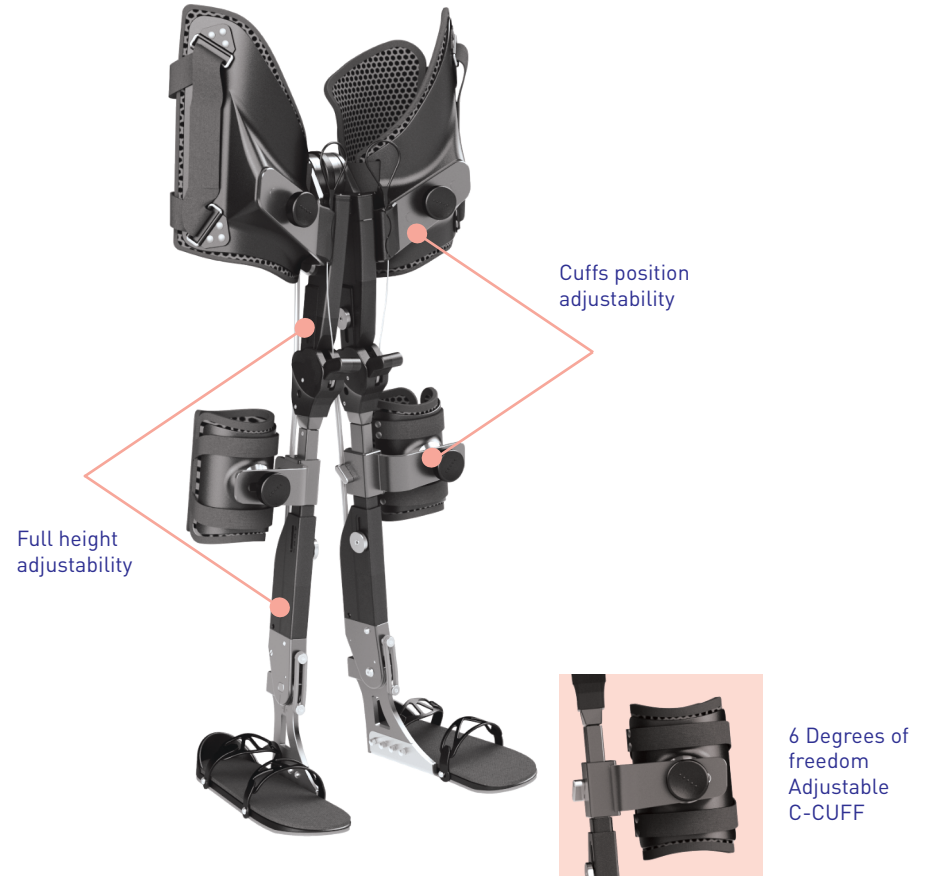
## FOR MEDICAL CARE PROVIDERS

Adjustable device with interchangeable fittings for a wide variety of user anthropometries for medical care providers including **hospitals and rehabilitation centers.**



i

After training in the medical center using UNILEXA PRIME, under the supervision of professional staff, patients can obtain UNILEXA HOME for everyday use.



# UNILEXA HOME

## FOR HOME USE

UNILEXA HOME is a bespoke medical device suitable for intensive **daily use at home**. The device is customized to optimally fit the clients legs which maximizes its comfort and efficiency. The final assembly and fitting is completed by our partnering **orthotic-prosthetic centers**.



i

UNILEXA HOME is eligible for reimbursement under insurance cooperations depending on your geographical location.

# MEBSTER APP

Smart exoskeleton UNILEXA 2.0 comes with our novel **MEBSTER app** designed for medical care providers as well as for home use.

Simply connect to your UNILEXA through Bluetooth on your Android or iOS device.

## FOR UNILEXA PRIME USERS:

- ▶ **Manage all your clients**
- ▶ **Record device setup**
- ▶ **Save notes and photos from sessions**
- ▶ **Track your clients progress** with all important spatial-temporal gait characteristics such as:
  - walking symmetry
  - walking speed
  - range of motion
  - and other statistical trends



## FOR UNILEXA HOME USERS:

- ▶ **Learning to walk again**  
Get the right motivation and monitor your:
  - walking distance
  - number of steps and step length
  - time spent exercising
  - and much more

# MY JOURNEY



1

"Hello! My name is Radek and a few years ago I lost my ability to walk. Confined to a wheelchair I noticed I was exposed to many secondary health problems due to prolonged sitting. When I heard about MEBSTER's UNILEXA and its ability to help me walk again, I was very interested in giving it a try".

UNILEXA PRIME



2

"I started a verticalization and walking rehabilitation program with UNILEXA PRIME in a rehabilitation center under the supervision of a Physiotherapist".



UNILEXA HOME

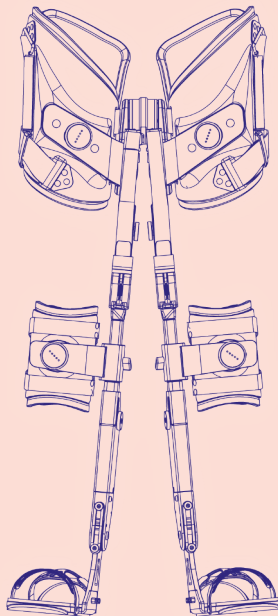
3

"Once I began to experience improvements, I ordered my own UNILEXA HOME which was final fitted in an Orthotic-Prosthetic Center".

4

"Now I can train intensively on a daily basis with UNILEXA HOME, which will help reduce secondary health problems from prolonged sitting. MEBSTER truly enabled me to improve my quality of life!"





## EXOSKELETON UNILEXA PRIME 2.0

### TECHNICAL PARAMETERS

UNILEXA is sold in a set of two sizes **S** & **L**

SIZE	S**	L***
INDICATIVE USER'S HEIGHT*	160 – 180 cm 5'3" – 5'11"	180 – 200 cm 5'11" – 6'7"
MAXIMUM LOAD CAPACITY	100 kg / 220 lbs	
DEVICE WEIGHT	8,5 kg / 18,5 lbs	

\* Depends on the user's anthropometry data.

\*\* Smaller version (XS) available upon request.

\*\*\* Over 190 cm (6'3") with reduced efficiency.

**The HOME version is customizable in size for the perfect fit.**

**MEBSTER**