

# Intuy<sup>®</sup> Knee Series

**Power Every Pace**

The Motorized Prosthetic Knee.  
Intuitive, Intelligent, Safe, and Quiet.  
Active Swing and Active Support.  
Engineered and Made in the EU.



# The Intuy Knee Series

From the original Intuy Knee to the Intuy Knee NEO, RISE, and PRO, the Intuy Knee Series provides a complete mobility solution for K2 through K4 users. This versatile range is engineered to support both unilateral and bilateral users, providing the power and symmetry needed to reduce energy expenditure and physical strain.



**NEW MODELS**

	Intuy Knee	Intuy Knee NEO	Intuy Knee RISE	Intuy Knee PRO
<b>Launch date</b>	2020.09	2025.03		
<b>Weight</b>	2.5 kg	2.2 kg		
<b>Rating</b>	P6, 125 kg			
<b>Build height</b>	255 mm			
<b>Max. flexion</b>	120 deg			
<b>Max. torque</b>	100 Nm			
<b>Protection</b>	IP 45, weatherproof			
<b>Battery standby time</b>	44 hours		44-55 hours	
<b>Typical battery use duration</b>	16-20 hours		16-22 hours	
<b>Charging time</b>	2 hours			
<b>Color</b>	Silver/Black	Champagne	Graphite Black	Gray
<b>Hardware</b>	Standard	More Mg alloy	More Mg alloy, better components	More Mg/Ti alloy, better components
<b>Software packs</b>	Essential Rehab	Essential Rehab	Essential Rehab +Extra	Essential Rehab +Extra +Advanced

# Software Packs

The Intuy Knee Series comes with different software packs featuring various functions and capabilities. The Essential and Rehab software packs are provided across all models; the Extra is for RISE and PRO; and the Advanced pack is reserved for Intuy Knee PRO.

**STANDARD**

- ESSENTIAL**
- Walking
  - Powered sit-to-stand
  - Stair ascent & descent
  - Ramp ascent & descent
  - Stumble Guard
  - Cycling
  - Straight | Lock
  - Holding
  - Kneeling
  - Always On

- REHAB**
- Wheelchair function
  - Rehab Modes
  - Training Feedback
  - \*Interactive Training
  - Activity Report

**ADVANCED**

- AI-Gait
- Intuy Modes
- \*B-Walk
- \*A-Drage

**EXTRA**

- Power Saving
- E-Stairs
- E-Gait
- E-Descent
- \*E-Guard
- \*E-Ascent



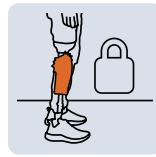
# Features & Benefits

Our prosthetic knee series incorporates advanced functional features designed to optimize user outcomes in diverse daily environments.



## Walking

Adaptive, natural, and symmetrical gait



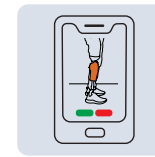
## Straight | Lock

Straight: Extend the knee and lock  
Lock: Lock at any angle



## E-Descent

Easy Descent: Descend easier and safer, whole foot on the step from the second step onward



## \*Interactive Training

Video-based interactive training



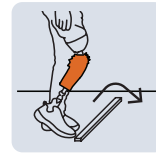
## Powered sit-to-stand

Stand up with active support, reducing strain on the sound leg



## Holding

Block the knee at an angle for leaning support (bear in mind the torque and thermal limits)



## \*E-Guard

Extra Guard: Intelligent and situation-dependent stumble and fall prevention



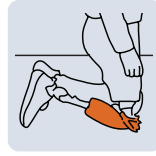
## Activity Report

Comprehensive activity report for both users and practitioners



## Stair & ramp ascent

Natural step-over-step ascent, without kicking or whipping movements



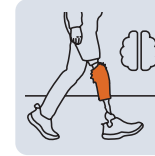
## Kneeling

Get down and back up with control and active support



## \*E-Ascent

Easy Ascent: Ramp ascent with adaptive foot clearance and support



## AI-Gait

Automated parameter optimization for a more natural and symmetrical gait



## Stair & ramp descent

Go down stairs and ramps safely with adaptive support



## Always On | Power Saving

Always On: Keep the device on when unplugged  
Power Saving: Extends battery use



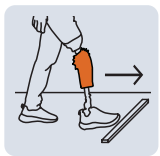
## Wheelchair function

Unidirectional lock when seated, preventing foot dragging



## Intuy Modes

User-configurable modes for special activities like golfing or snowboarding



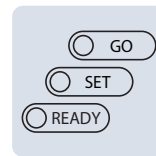
## Stumble Guard

Actively push away obstructions during a stumble to prevent falling



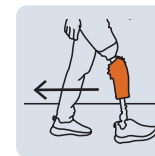
## E-Stairs

Easy Stairs: Initiate stair ascent with the prosthetic leg



## Rehab Modes

Programmable modes to match a user's increasing mobility through rehab



## \*B-Walk

Natural and active backward stepping



## Cycling

Intuitive, seamless mode switching, without a remote control



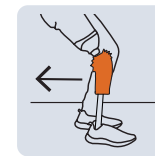
## E-Gait

Easy Gait: Natural gait or turn initiation with the prosthetic leg



## Training Feedback

Feedback on the knee or phone to confirm correct movement



## \*A-Drag

Active backward dragging

\*The features in each software pack are subject to change. Some features are not currently available and shall be released to the designated Intuy Knee model via over-the-air update.

# About Us

Rebocon Bionics is an innovative, high-tech company based in the Netherlands. Our mission is to make powered mobility the standard of care for every level of mobility impairment.

Shiqian Wang, who spent almost two decades pushing the limits of robotic technology, founded the company in 2016. As a researcher, Mr. Wang participated in two major EU projects on exoskeletons, Mindwalker and Symbitron, aiming to restore locomotion capabilities for individuals with spinal cord injury. He then created the company to bridge the gap between high-level research and life-changing products.

For about a decade, we have been improving the quality of life for hundreds of individuals worldwide. However, our journey to revolutionize mobility has only just begun.

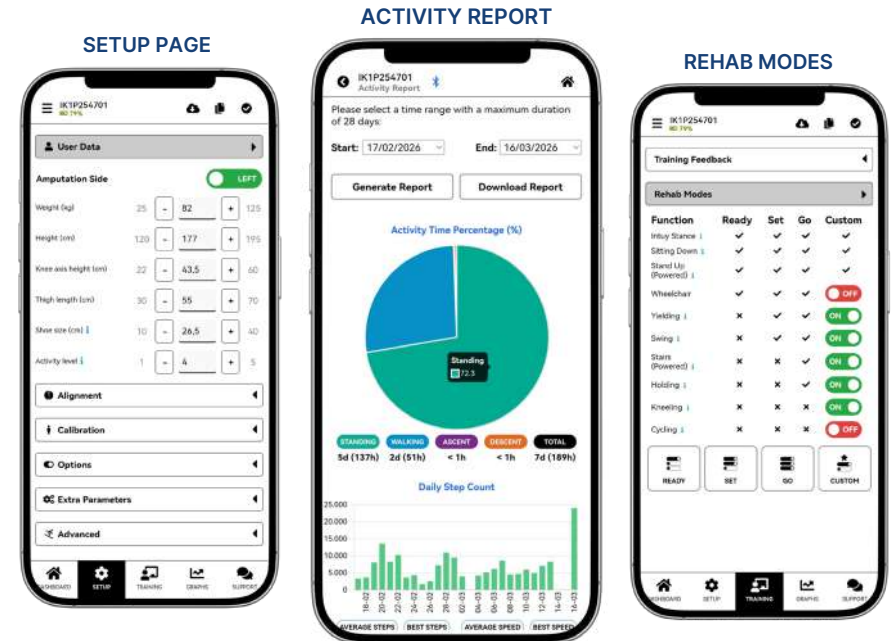


We serve 18 countries...with more to come.



# Intuy App

The Intuy App is for both users and practitioners working with Intuy devices. The app can be used to check the status and set up Intuy devices, and pace the rehab progress with data. The app is available on both iOS and Android devices and is suitable for both phones and tablets.



## App Benefits

For users:

- Check device status
- Switch device modes and make quick adjustments
- Track activities, such as step count and walking speeds
- Reach customer support
- Access online training

For practitioners:

- Easy and intuitive device setup workflow
- Bench alignment and static alignment with phone and the built-in sensors
- Transfer settings between devices or via cloud within seconds
- Comprehensive activity reports
- Manage users and devices with a few touches





## Get in Touch!

Stay connected with us on social media. Scan the QR code below to learn more about our products and how to get one.



[www.rbionics.com](http://www.rbionics.com)



Rebocon Bionics



@reboconbionics

