



ottobock.

***speedhand* solution.**

Durable strength with
real-time control.





***speedhand* solution.**

The ***speedhand*** adds natural flexibility to a trusted myoelectric fitting thanks to its modular wrist options. It's a valuable improvement on a hand that already meets most user's core day-to-day needs – and gets good insurance coverage. With the new ***connectgrip*** app, users are up and running faster and can easily adapt the hand to their daily needs.

Trusted reliability

speedhand delivers what you need most from a hand: speed, strength, and durability.

Minimized motor sounds

Further minimize noise during use makes it the quietest **speedhand** yet.

Everyday adjustments

With the new **connectgrip** app, you can easily fine-tune your myoelectric prosthesis at any time.

Automatic neutral position

The thumb rests naturally, giving the hand a relaxed, effortless look that's ideal for everyday use, like slipping into jackets.

Even more natural movement

The **speedhand** features a unique spring-loaded flex wrist, the **wrist flex**. Now you can bend your wrist, making many everyday tasks even easier.

Personalized fitting

The **speedhand** solution can be tailored to your abilities, needs and daily activities.

Convenient customization

Dial in your device's performance at home, with fewer trips to your CPO for adjustments.



Never stop reaching for the life you want.

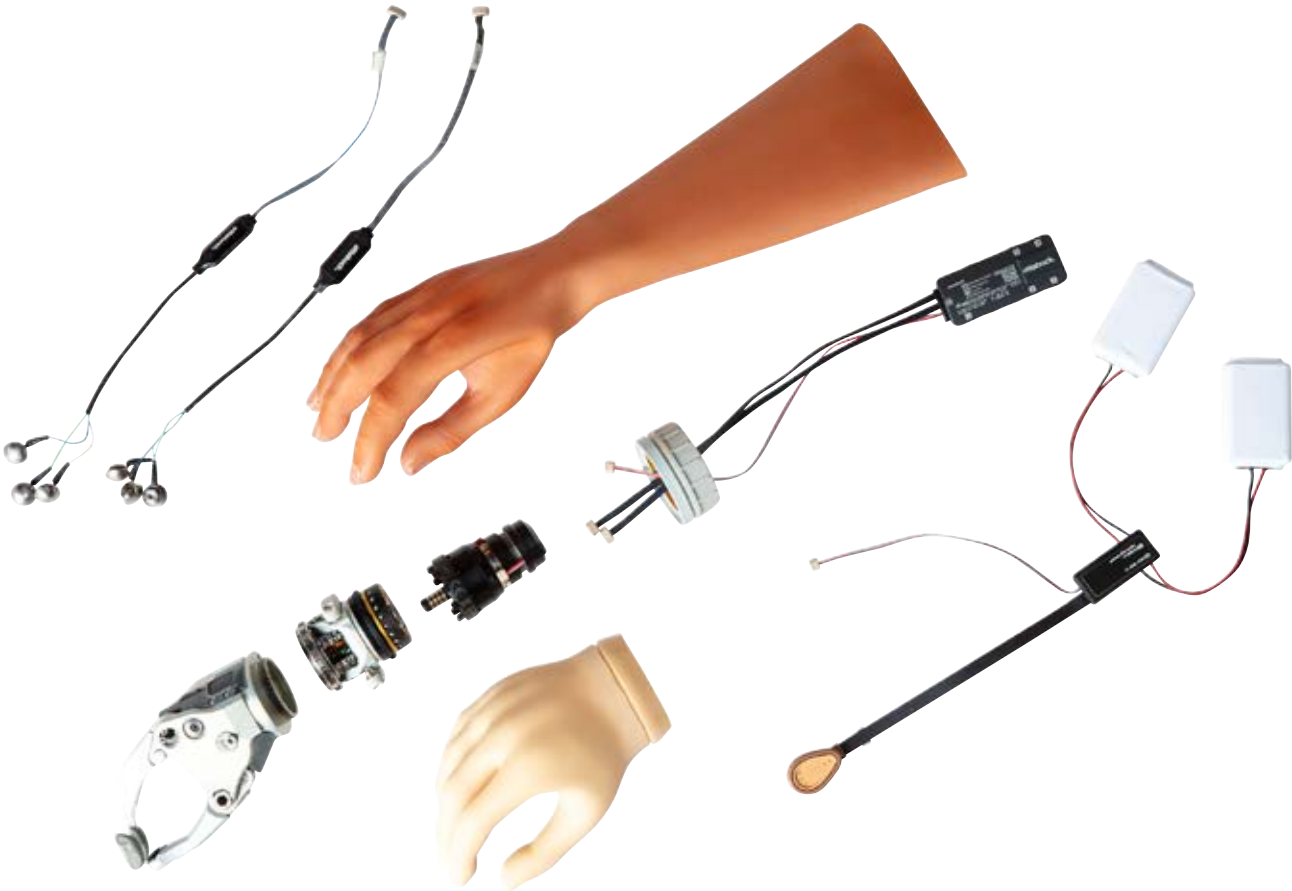
With **speedhand**, the **myosmart** control, the **connectgrip** app and the **DynamicArm**, CPOs and therapists have multiple options to provide a successful, trusted myo fitting that's fully customized for each user, to fit their specific needs, and unique myo signals.

Above elbow fitting:



speedhand solution is designed for just one purpose: to empower your every move. So choose a hand with power and personalized performance that puts your goals in reach and feel the strength you need to make them possible.

Below elbow fitting:



1. Take confident control

The **speedhand** delivers all the proven strength, speed, and durability of the myoelectric portfolio. This outstanding performance can be precisely tailored to your everyday needs, thanks to **myosmart** and the **connectgrip** app, a new control system, that can be tuned to your unique needs and preferences.

2. Experience even more natural movement

The **speedhand** can be combined with various **modular wrists** that flex, rotate, or assist to suit different daily tasks. They support a range of build heights, offering a personalized solution that integrates seamlessly into your body scheme – from your morning routine to workplace activities and everyday tasks.

3. Fine-tune your hand for everyday tasks

The **connectgrip** app and the **myosmart** give you precise control of how your myoelectric hand moves, grasps, and responds to your muscle signals. Adjust the grips, change switching events, personalize your settings and more, all right from your Apple or Android device.

4. Save time with flexible customisation

When your hand requires fine adjustments in everyday life, there's no need to visit your CPO. With **connectgrip**, you can independently adjust the prosthesis anytime, anywhere – at home, at work, or on the go.

5. Quiet and powerful

The **speedhand** impresses with minimized motor sounds.

6. Auto-Grasp thumb sensor

The automatic Auto-Grasp function detects when an object starts to slip and automatically tightens the grip, helping users maintain control effortlessly.

7. Experience and train – in the clinic and at home

The **myosmart cuff** is a helpful tool that makes using your prosthesis easier. In the clinic, it supports optimal adjustment, while at home, you can train independently – providing more security and control in everyday life. Additionally, it allows you to experience and learn to operate the prosthesis control in action for the first time.



8. Compatible with the *DynamicArm*

The *speedhand* together with *mysmart* and *connectgrip* is compatible with the *DynamicArm* and provides an ideal solution for a functional electric elbow.

9. Various prosthetic gloves to choose from

A range of gloves is available for the *speedhand*, allowing you to select a color option that matches best.







speedhand solution – proven strength and durability.

The next generation of our most trusted prosthetic hand, **speedhand** brings a new level of personalization and flexibility to this proven technology. It's how decades of users have reclaimed their independence and pursued their passions – and now in combination with **connectgrip**, it's more customizable than ever.

Bozena with speedhand, myosmart and connectgrip

Bozena is employed at the university, enjoys cooking and is currently renovating her house with her partner. Due to her dysmelia she opted for the new **speedhand**, and is now exceedingly enthusiastic about, among other things the prospect of “finally being able to use both a knife and fork simultaneously in a restaurant.”



Ralf with *speedhand*, *myosmart*, *connectgrip* and *DynamicArm*.

Ralf is a friendly, cheerful, and enthusiastic traveller. Despite losing his right upper arm in a work accident, he continues to pursue his professional hobbies and interests. With his ***DynamicArm***, along with the new ***speedhand*** and ***connectgrip***, he has all the support he needs.





Frequently asked questions.

I am an above elbow amputee. Can I also be fitted with a *speedhand* and *connectgrip* app?

Yes, the Ottobock portfolio has two elbow options, **ErgoArm** and **DynamicArm**, for amputations above the elbow. The prosthetist will provide detailed advice on all aspects of a potential fitting and benefits of the **connectgrip** app.

Can I shower or wash my hands with the *speedhand*?

No, you are not allowed to shower or bathe with the **speedhand**. We offer the **Skeo up daily assist 14Y4** product designed for bathing activities. There are no standard prosthetic components for swimming; adjustments are made individually by your prosthetist. However, it is possible to wash your hands if the prosthetic glove is intact and the sleeve is long enough to prevent water from entering the prosthesis from behind.

What does a fitting with a *speedhand* involve?

A **speedhand** fitting involves several visits with your CPO to create a custom, well-fitting inner socket, align the socket and components, learn how to control your muscle signals and individualize the control, make adjustments, and provide training on how to best integrate the prosthesis into your daily life. Regular service visits are also recommended throughout the life of the prosthesis.

Can I operate a touchscreen with the *speedhand*?

No, the **speedhand** cannot operate a touchscreen in general. The inner and outer gloves of the **speedhand** are usually not recognized as “touch fingers” by most touchscreens.

How long does it take until I can use the *speedhand* correctly?

Success depends on individual factors such as training intensity and personal motivation. Under optimal conditions, the prosthesis can be well integrated into the body within 3 months. The **connectgrip** app allows you to make various adjustments yourself and experiment with them without losing the settings previously made by the orthopedic technician.

How long does the *speedhand*'s battery last?

We offer several battery options with different capacities and sizes to match the user's needs. The goal is a full day of operation, but this may vary depending on the daily use of the hand.

How do I control the *speedhand*?

The **speedhand** is a state-of-the-art myoelectric-controlled prosthesis. It operates using 2 to 4 non-invasive surface sensors that contact the skin. These sensors detect residual muscle activity in the limb, allowing users to voluntarily open or close the hand. In combination with the **connectgrip** app, the control is customized to the user's muscle signals. This not only enables reliable and personalized opening and closing of the hand but also bending and extending of the elbow, as well as optional additional functions.

Which movements are possible with the *speedhand*?

The **speedhand** features a ‘tripod’ grip pattern, where the index and ring fingers move in opposition to the thumb. This allows for an opening of up to 100 mm for grasping objects.

Please contact us if you have any further questions or would like more information.