

# Ottobock – a family business

German global market leader Ottobock stands for high-quality, technologically outstanding solutions in the field of medical technology and has been in business for 100 years. Subsidiaries in more than 57 countries offer “Made in Germany” quality worldwide and employ more than 7,000 people.

## About Ottobock Industrials

Companies are facing special challenges in view of demographic developments. The rising life expectancy and decreasing birth rate are leading to an aging workforce and a lack of workers. This results in an increased demand for technical solutions that help people protect their health over the long term as they carry out their everyday working routines. Ottobock Industrials develops precisely such innovative devices for an ergonomic workplace.

Since 2012, the company has been researching innovative solutions to make jobs in industry, logistics and trades more ergonomic. The goal is to provide relief for people who perform physically demanding tasks such as overhead work, thereby creating healthier working conditions.

“Our employees were delighted by the way it immediately relieved strain on their muscles, for example during overhead welding or electrical installations under ceilings. My impression is that exoskeletons also make jobs in industrial assembly more attractive. They can increase employee loyalty and help us recruit new employees.”

Kersten Thor,  
CEO of THOR Industriemontagen GmbH & Co. KG

## We're happy to advise you:

Ottobock SE & Co. KGaA  
Max-Näder-Str. 15 · 37115 Duderstadt

Ottobock Industrials  
industrials@ottobock.com  
T +49 5527 848-1482  
www.ottobock.com/industrials

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100 Years

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## Paexo

Personal assistive systems  
for ergonomic work in industry,  
logistics and building trades



Quality for life

# Paexo Shoulder

The lightest exoskeleton of its kind

The Paexo Shoulder is a passive exoskeleton that supports people who carry out physically demanding tasks with their arms raised on a daily basis. It relieves strain on the shoulder joints and upper arms, for example during overhead work on assembly lines and in the building trade.

## Benefits at a glance

-  Relieves strain in the shoulder area by more than 50% during work above chest height
-  Quick to put on or take off in under 20 seconds
-  Weighs 1.9 kg with full freedom of movement
-  Individually adjustable to body sizes from 160 to 190 cm



# Paexo Thumb

The smallest exoskeleton in the world

The Paexo Thumb is a passive exoskeleton that supports people who place strain on their thumb at work on a daily basis. It relieves the sensitive joints of the thumb and protects the tip of the thumb against mechanical influences. The user automatically uses an ergonomic hand position for clipping, inserting or plugging tasks on the assembly line or during paint work.

## Benefits at a glance

-  Relieves strain on the thumb by up to 70% by redirecting forces through the entire hand
-  Easy handling thanks to low weight, straightforward cleaning, can be put on or taken off quickly
-  Full freedom of movement for thumb joint
-  Good fit thanks to seven available sizes



# Paexo Wrist

Effective support for the wrist when handling loads

The Paexo Wrist is a wrist support that Ottobock Industrials derived from a medical device aimed at treating conditions such as inflammation in the wrist. It uses a preventive approach and bridges the wrist. Applications include holding rivet removers or welding equipment and moving or installing generators and starter motors.

## Benefits at a glance

-  Relieves strain on the wrist joint when lifting and holding objects
-  Can be operated with just one hand thanks to Pull-2-Lock
-  Regulates temperatures thanks to innovative Outlast material – tested in space
-  Suitable for left or right side; highly adaptable with just three sizes

