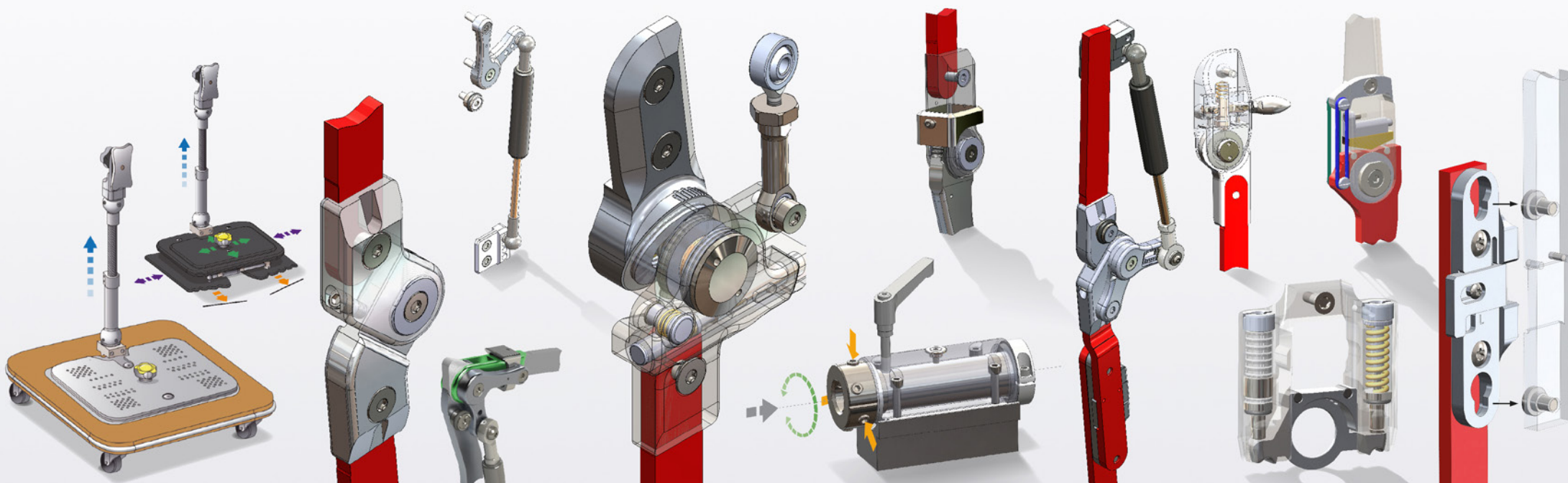


ORTHO
SYSTEMS

2000
2025

Years in motion



Excellence in Neuro-Orthopedics

Your Patient – Our Contribution

**Catalogue
Excerpt**

Orthotics 13.1
Valid from July 2025



About Us

ORTHO-SYSTEMS

is a small and relatively young company for the industry, being founded in the year 2000. With ingenuity and creative technical solutions, we are the only supplier to cover all essential components of orthotics: ankle, knee and hip joints, as well as standing and walking podiums.

We place utmost importance on quality, from design stages and material selection through to production. Customer satisfaction has confirmed this and motivates us further. "Made in Germany" is a claim which compels us to the highest standards. Fabrication, assembly and distribution take place at our base in Kirchheim under the strictest management. Our in-house control and integration of every aspect enable us to constantly improve our products and remain innovative.

Convince yourself. We look forward to hearing from you!

Your *Ortho-Systems-Team*



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Milestones

Innovations from ORTHO-SYSTEMS that have improved the world of orthotics

System

We designed the first **weight classification** for orthotic joints.
In the past, one distinguished only between adult and children's joints, which is unthinkable now.
Today, weight limit specifications are common practice.

Strength

Concept for **laminating rotationally-stable orthoses**.
Previously, most orthoses were either metal and leather or vacuum-formed plastic.
The instability made walking considerably more difficult and in the case of heavy patients almost impossible.
Fortunately, alternatives to soft and instable orthoses are available today.

Targeted

The **first Configurator** in the industry and in 2004 honored by the German Federal Minister of Economics.
During configuration, a code is generated from the patient data which recommends appropriate joints. Our latest version Configurator 6.9 is unmatched in terms of function, clarity and speed.

Stability

The **unilateral concept** for knee and ankle joints, with defined flexibility and rotational stability.
Double-sided joints should only be used with orthoprostheses and in exceptional cases.
Unilateral walking orthoses are today's standard.

Durability

Improved joint assembly with anti-rotation lock and synthetic washers calibrated to 1/100 of a millimeter.
Hard to believe orthotic joints were once delivered with so much play that double-sided fabrication was necessary just to stabilize the orthosis.

Forces

Development of the **first ankle joint with power unit** (carbon spring patent).
Up to this point, the only available joints with springs were for preventing foot drop.
Today, dynamic ankle joints with supporting or straightening forces are an integral part of orthotic management.

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