

ORTHO
SYSTEMS

2000
2026
Years in motion



Excellence in Neuro-Orthopedics

Your Patient – Our Contribution

Catalogue
Excerpt

Orthotics 14.0
Valid from July 2026

Buran-2D Hip Joint



Features

Sizes available for **small to large** patients

Fabricated from **high-strength aluminium**

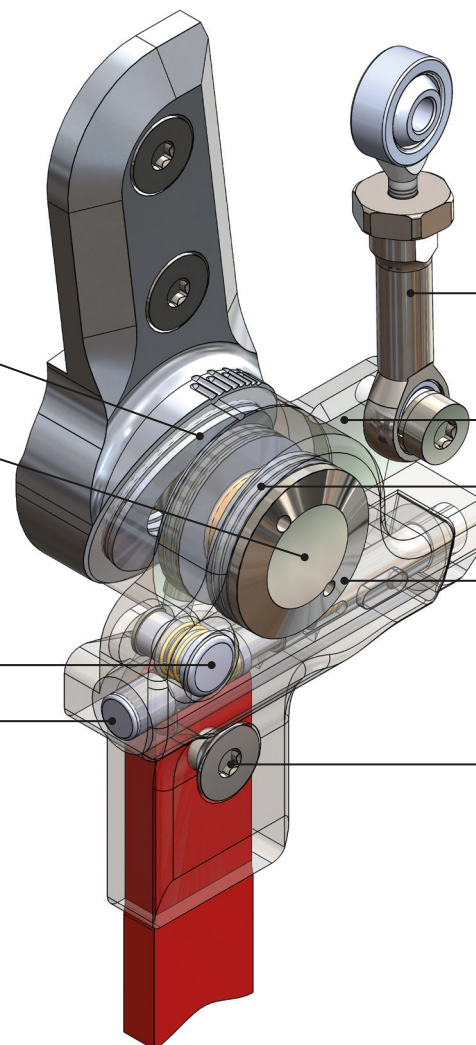
+ **Pelvic rotation** for efficient and energy saving gait.
Joint axis is tilted **20° from vertical**

+ **Independent sitting axis** runs horizontally
and allows up to **155° flexion**

+ **Pre-selected locking mechanism**
with 2-stage opening and closing

+ **Unlocking button** pre-selects release;
hip extension relieves pin tension and
unlocks joint for sitting

+ To stand up, joints are placed in the **locked position**
and **automatically** snap into place upon full hip extension



Standard

Fully assembled for clear cost estimates
and uncomplicated ordering

Secure and adjustable connection to pelvic band

Movement is transferred via **adjustable connectors** and
rocker bar mechanism to the contralateral side, enabling
reciprocal gait.

Rigid stainless steel connecting plate cannot be bent

Long-life thrust bearings for smooth operation free of play

Maintenance-free stainless steel joint assembly
with bronze bushing

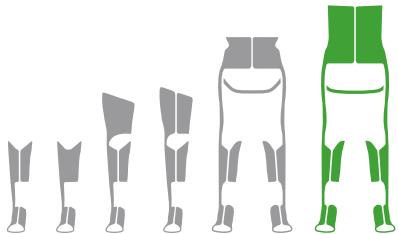
Machined upright and offset connection ensure
optimal transfer of force

Unrivalled **20-month guarantee**

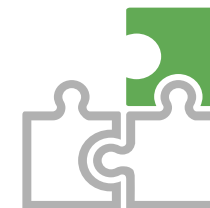
Engraved **serial number** for traceability

Clearly illustrated instructions for use

Fig. left

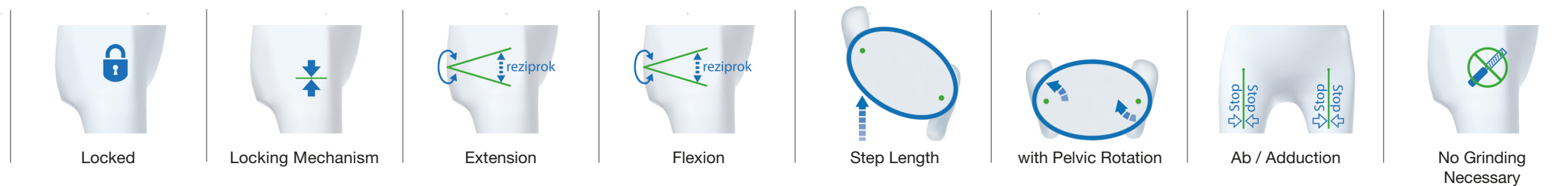
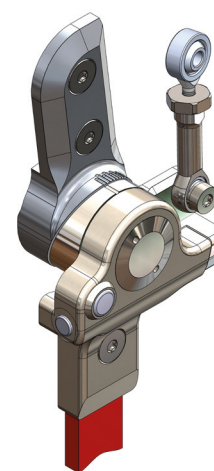


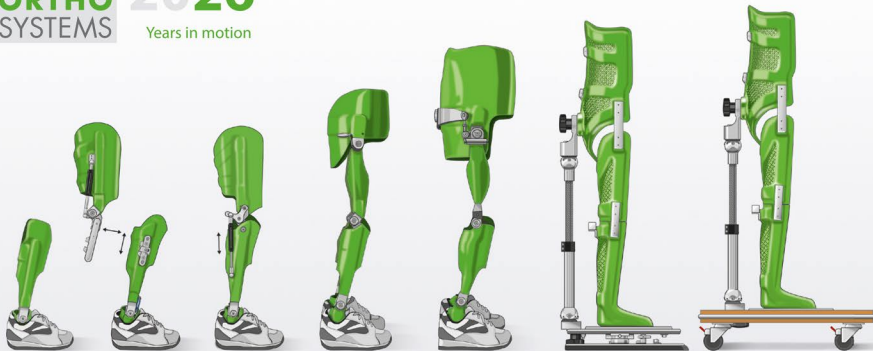
We recommend using our configurator to make your selection.
The configurator considers, among other factors, weight to height ratios.



Weight Classification (body weight)			Joint		
Article No.	Article No.	RG0	Width	Thickness	Height
Buran-2D-klein	Buran-2D-AG-klein	up to 25 kg	36 mm	37,5 mm	131,5 mm
Buran-2D-mittel	Buran-2D-AG-mittel	up to 50 kg	36 mm	37,5 mm	138,5 mm
Buran-2D-groß	Buran-2D-AG-groß	up to 65 kg	36 mm	37,5 mm	138,5 mm
Buran-2D-ex-groß	Buran-2D-AG-ex-groß	up to 85 kg	36 mm	37,5 mm	144,5 mm

AG = custom fabricated





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