



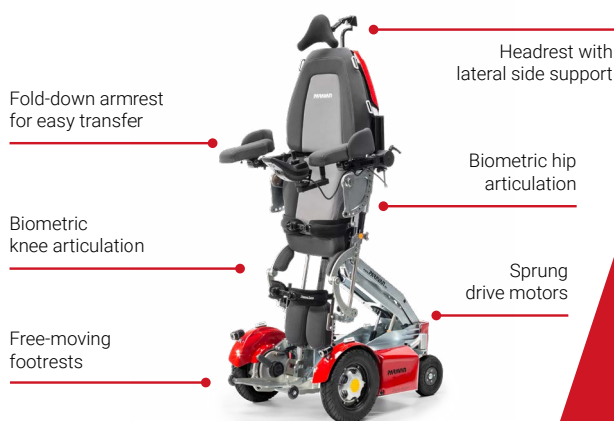
Illustrations contain optional extras.

# PARAVAN *PR BIOLUTION*

## **Ingeniously multifunctional**

Working in close cooperation with eminent physicians and therapists as well as patients, our engineers aimed to develop a multifunctional standing, nursing and therapy wheelchair which can be perfectly adapted to the needs and medical condition of all patients. The PARAVAN biolution is an absolute first in terms of its design and precision. It incorporates the latest research results from mechanics, mechatronics, neurological and geriatric rehabilitation, in addition to state-of-the-art medical findings. Innovative biometric articulation ensures perfect balance for this aid, which has been developed according to stringent medical engineering guidelines and offers unique levels of stability and safety.

# YOUR BENEFITS



## Highlight: Biometric articulations

Biometric articulations at hip and knee provide natural and gentle standing-up process without traction and pressure forces on the body

## Highlight: Multifunctionality

Electrical standing, sitting, lifting, tilting and lying function for optimal relief for the vestibular system

### Series model PR biolution:

- Electric wheelchair with front-wheel drive, reclining and sitting function
- Lifting function from 410 mm to 860 mm (without seat pad)
- Stand up function straight from reclining or sitting position with tilt angle between 90° and -20°
- Multifunctional with sitting, lying, lifting, tilting and standing function
- Biometrical electrical lower leg length and angle adjustment
- Anti-tipping device located at the front
- Ergonomical headrest adjustable in height, angle and depth
- Split footplates, individually folding, lockable
- Removable knee pads, calf pads – adjustable position, height and width
- Puncture-resistant tires with a grooved tread-front 3.00 x 8 inches and rear 2.10 x 55 with swing axle
- Swing away control panel holder
- Transport tie down points 2 x front and 1 x rear
- Lifting force of lifting function: Standard up to 120 kg person weight, up to 150 kg as an option
- 10 A outdoor charger without fan

### Key facts and options for PR biolution

- With unique biometric articulation for a natural standing-up process
- Available in two different sizes
- PARAVAN motor management for finely tuned and programmable movement sequences
- Spasm protection thanks to free-running foot angle motors
- Extreme backwards tilting
- Stable standing position with point of gravity between the front axle
- Used as a multifunctional care and therapy chair for clinics, rehabilitation and nursing care
- The perfect solution for early mobilisation during rehabilitation processes (e.g. stroke patients)
- Powerful drive motors up to 6 mph
- Sprung drive motors for comfortable driving and standing
- Customised belt solutions for the chest, hips and lower leg
- Patented system!
- Made in Germany: the highest level of manufacturing and product quality. Developed by PARAVAN entirely in-house