

New products of 2018

Netti by Alu Rehab

Netti Dynamic S – dynamic wheelchair for children, When experts “unite” - seat and back system by Netti by Alu Rehab & Ride Designs



Children and young people with complex movement patterns present a particular challenge in patient care. The Netti Dynamic S is part of the Netti Dynamic family. It is also available as an electric wheelchair. The first impressive feature is its functionality. The leg supports, the seat plate and the back are equipped with dynamic components. These enable the user to maintain a safe and stable seating position. In addition, this system reduces the danger of sliding out and reduces strain on the part of the carer, who needs to carry out much less repositioning. In many

cases spasticity, for example, is also reduced. The design is reminiscent of a child's pushchair, and the handling is simple and intuitive.

The dynamic leg supports are very important, so that the child can adopt a correct sitting posture in the long term. They are flexible in knee angle, length and foot position. The dynamic seat plate adapts itself to the stretching movement in the hip joint. This prevents the user from sliding forward and actively counteracts any negative seating position. The dynamic back adapts itself to both smaller and extreme trunk-stretching movements, right up to a completely inclined position of the back unit. The forces so produced are actively absorbed by the wheelchair.

Sitting properly in a wheelchair is only possible when the wheelchair itself is perfectly coordinated with its related seat system. The seat and back system by Netti by Alu Rehab & Ride Designs faces the challenges posed by wheelchair patient care:

1. Stable and “straight” sitting – Solution: posture management
2. Decubitus and protection of skin against defects – Solution: skin management
3. Remaining independent – Solution: mobility and functionality management



Ride Designs has perfected this 3-way management with the help of therapists and clinical studies. RIDE ON! the seat and back system can be adapted to almost all models of wheelchair (standard, lightweight, active, multi-function, electrical). Through its construction Ride combines all important features as strong seat stability, which provides a high level of mobility and functionality, and the offload concept, which provides clever pressure distribution. Strain is taken off the high-risk areas for decubitus – ischial tuberosity, greater trochanter, coccyx and sacrum – and greater strain is placed on the less sensitive areas like proximal upper thigh and gluteal muscles.