

DYNAMIC ARM SUPPORT DARWING®

PURPOSE

DARWING helps people with severely limited arm function to move their hands. It helps them to reach, grab and manipulate again during daily activities such as eating, drinking, computer use and playing.

FOR WHOM

Darwing is intended for people challenged by severe muscular or neurological disorders who still can grab objects. Commonly users are notable to use a more simple arm support like TOP/HELP or SLING. A further indication of use may be DARWING's capacity to adapt to varying support needs.

USE

Supported movements are extremely smooth and it's easy to use due to its revolutionary double balance mechanism and precise construction. Users can adapt its supporting force e.g. when handling heavier loads. DARWING can be used single-sided as well as double-sided and can be mounted on wheelchairs, working chairs, tables or on a movable carriage. Darwing can be equipped with an automatic levelling mechanism for users who change their seating position or drive under differing circumstances. The levelling mechanism guarantees optimal balancing capacities in any situation. Darwing is customised when necessary.



CHARACTERISTICS

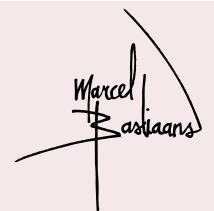
- Revolutionary double balancing mechanism
- Movements of the upper arm do not affect the lower arm and vice versa
- Due to new mechanism no big construction parts underneath the arm scale
- Large working area
- SLING-like experience: free floating in space
- Does not widen the dimension of the wheelchair in use or rest position
- Discrete, very limited visibility
- Levelling mechanism for optimal balancing under all circumstances
- User operated electric adjustment to adapt to altering loads and conditions
- Sleek design
- Individual adaptations are always possible
- Own workshop guarantees rapid service and support.

DARWING® is a registered trademark of FOCAL Meditech BV. Patent pending.

DARWING was developed in close cooperation with:

Marcel Bastiaans - Artist and Designer - www.marcelbastiaans.com

Besides painter, Marcel is also a beloved designer. He studied at 'The Academy for Industrial Design Eindhoven', now called 'Design Academy'. During that period he already made paintings and designs for industrial companies. From 2000 till 2006, Marcel was professor at the 'University of Applied Science and Arts', Germany. He lectured till July 2006 for 5,5 years, one day a week.



Teijin Aramid GmbH - www.teijinaramid.com

The Teijin Group's purpose is to enhance the quality of life through a deep insight into human nature and needs, together with the application of our creative abilities. Based in Tokyo and Osaka, Japan, Teijin is a global technology-driven group operating in eight main fields: aramid fibers, carbon fibers, polyester fibers, plastics, films, medical & pharmaceuticals, fiber products marketing and IT businesses. **Endumax®** is the newest product of Teijin's high performance materials. A thin ultra strong tape with a very high modulus, high cut and wear resistance, suitable for applications ranging from force transmission to material reinforcement and rope connections to ballistic protection and more.



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