



**DALMATIAN invento™**

multifunctional device



**DALMATIAN invento™** is widely used in the process of rehabilitation. It is recommended for not only children but also young people. It is used as a positioning chair during adopting the sitting position and then as a static standing frame in the further process of rehabilitation. Besides, it can be a lying function during the whole process. This device is equipped with the gas spring thanks to which both therapists and care takers can put the child in upright position without removing him from the chair. This multifunctional device completes the process of rehabilitation due to adjustment and equipment. Upright standing may be performed from 0 to 90 degrees. Moreover, safety vest and pelvic belt are equipped with innovative "hold & pull"® system which allows for quick and precise stabilization of the child in the device. As far as this product is concerned, it is created from ecologic materials and it is hand painted.



Standing frame function



Lounger function



Chair function

## IT IS RECOMMENDED IN THE FOLLOWING CASES:

- Cerebral palsy – various types and forms.
- Brain and spinal cord injuries with lower limbs paralysis and weakness, balance and motor coordination disorders with different etiology.
- Demyelinating disease (e.g. multiple sclerosis – SM).
- Meningocele.
- Muscles diseases with weakness and paralysis (dystrophy, myasthenia gravis, myositis).
- Genetic disorders.
- Degeneration and neurological diseases.
- Other condition connected with muscles weakness, paralysis and musculoskeletal disorders.
- After head and spinal cord injuries and spine trauma with paralysis and paresis.

## STANDARD EQUIPMENT:

Frame with castors equipped with brakes | Pneumatic spring | Deep adjustable seat | Removable and adjustable Efficient Tilt-in-space adjustment  
The use in the product of an innovative four-bar linkage, supported with the gas spring, greatly improves smooth Tilt-in-space adjustment. | Knee support | Backrest | Hold&pull pelvic belt | Chest suport (size 1, 2) | Independently adjustable pelvic and chest support (size 3) | Hold&pull vest | Head-rest | Forearm supports | Tray | Independently adjustable footrest | Innovative quadric mechanism

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Current offer on our website.

Akces-MED sp. z o.o.  
Jasionka 955B  
36-002 JASIONKA

export@akces-med.com  
+48 (17) 864 04 77  
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## ADVANTAGES:



### Stable structure

The device ensures adequate stability and safety of Patient.



### Eco-friendly materials

We use only human and environment friendly materials.



### Pneumatic support

Gas spring helps in proper tilt angle adjustment of the device.



### Tilt-in-space

It is possible to change the tilt angle of the seat.



### 3D foot buckles

Footrests with 3D adjustment allow for smooth foot setting in all directions.



### Efficient verticalization

The use in the product of an innovative four-bar linkage, supported with the gas spring, provides efficient lifting of the patient into upright standing position.



### 36 months warranty

Due to high quality and reliability of device we offer 36 months extended warranty on the product. We also provide after sales service.



### 3 in 1

The product has 3 utility functions for use in 1 single device: chair, standing frame and lying function.



### Quiet operation

Using of gas spring or electric actuator in the product ensures quiet operation.



### Hold and pull©

Our harnesses and pelvic belts are equipped with Hold and pull system that provides fast and comfortable support your child in the device.



### Spacer upholstery

The device is equipped with breathable, hypoallergenic 3D spacer fabric. Now you can be sure that the skin stays dry for longer!



### Easy to use

Intuitive way of adjustment and easy assembly.



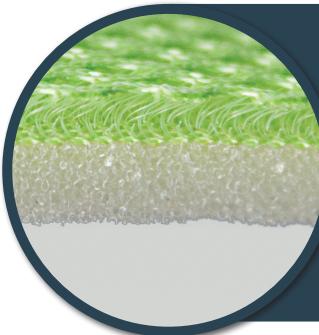
### Lightweight construction

The use in the product of an innovative four-bar linkage, supported with the gas spring makes it more lightweight in comparison to similar devices.

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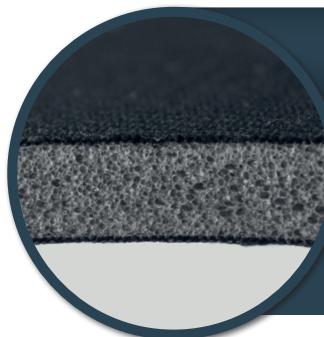


## Spacer upholstery

- Lightweight
- Hypoallergenic
- Natural protection against mold
- The antibacterial properties
- Easy to clean
- Easy decontamination
- Wide range of hardness and elastic
- Ecological
- High durability
- Resistance to crushing

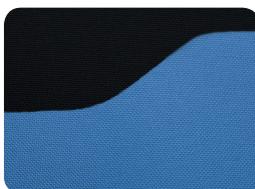
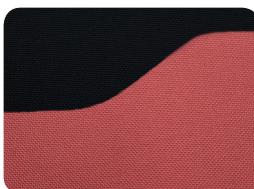
Grass  
Size 1Sea  
Size 2Latte  
Size 3Red  
Optional

Optional colors available for special request. Production time ca. 14 days.



## WATERPROOF UPHOLSTERY

- Lightweight
- Soft
- Waterproof
- Easy to clean
- Ecological
- High durability
- Easy decontamination

Green Grass  
OptionalBlue Sea  
OptionalBrown Sugar  
OptionalHot Red  
Optional

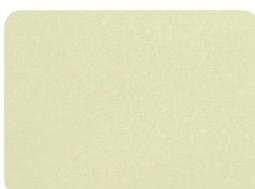
Optional colors available for special request. Production time ca. 14 days.



## MEDICAL FABRIC

- Medical Fabric
  - Breathable
  - Waterproof
  - Fire retardant\*
- Upholstery is made of innovative fabric, which is very safe for patient and easy to disinfection and because of that the product can be used by many patients. Additional asset of the fabric is breathable and water-resistant. This is the best solution as an waterproof cover of anti bedsores mattresses in hospitals.

\*Dostępne For special request

SAN Blue  
OptionalSAN Latte  
Optional

Optional colors available for special request. Production time ca. 14 days.

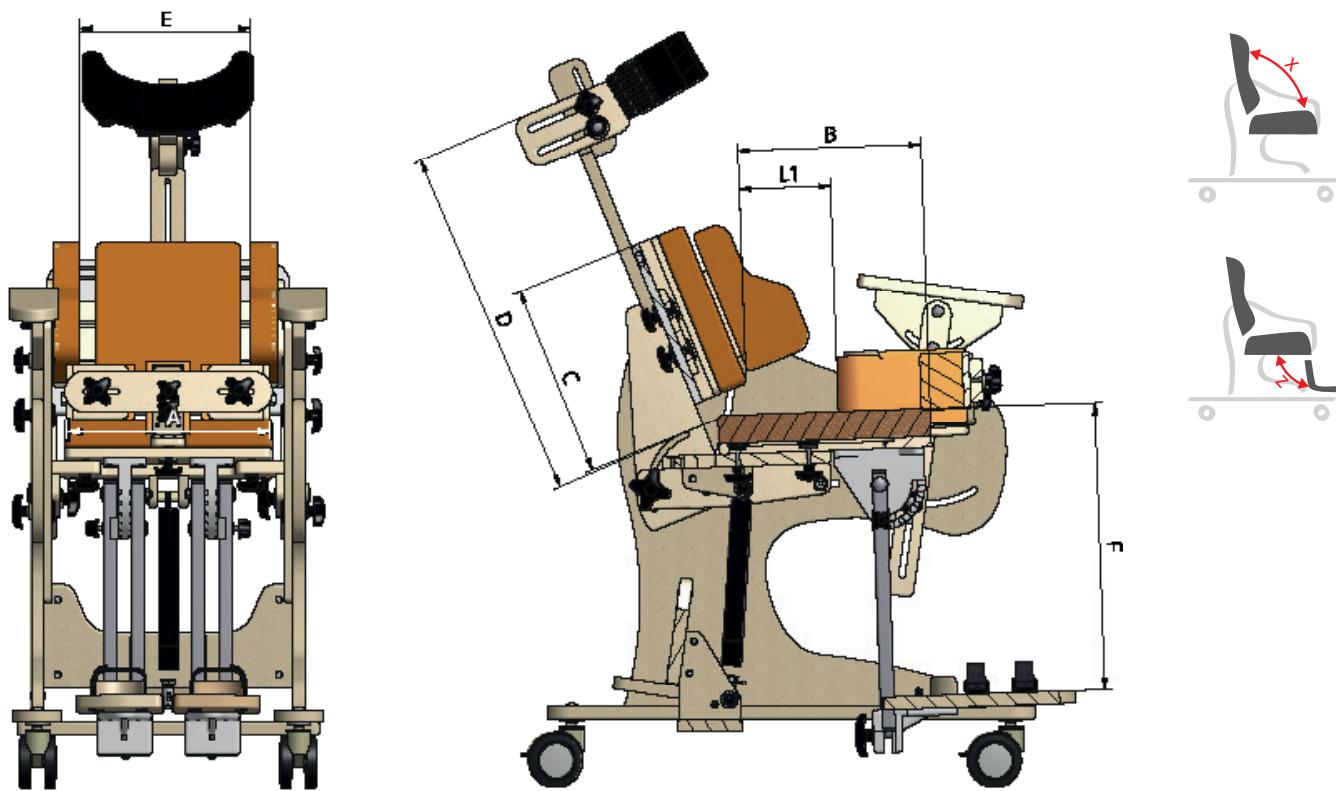
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Symbol	Measurement	Unit	Size 1	Size 2	Size 3
A	Seat width	[cm]	33	36	45
B	Seat depth	[cm]	17-26	20-31	28-44
C	Backrest height	[cm]	28	35	47
D	Headrest height	[cm]	40-60	47-71	54-77
E	Backrest width	[cm]	16-22	18-26	18-32
F	Footrests length	[cm]	18-37	18-40	18-51
	Knee supports spacing	[cm]	18-26	21-29	25-37
	Knee supports height	[cm]	19-46	28-51	19-58
	Footplate length	[cm]	19	22	25
L1	Abduction block adjustment (from backrest)	[cm]	5-19	7-25	7-30
	Tray height	[cm]	67-80	74-97	95-112,5
	Tilt angle	[°]	0-85	0-85	0-85
	Tray tilt angle	[°]	67-80	74-97	95-112,5
X	Seat tilt angle	[°]	90-180	90-180	90-180
Z	Footrests tilt angle	[°]	90-180	90-180	90-180
	Max user weight	[kg]	25	45	60
Product dimensions and weight			Size 1	Size 2	Size 3
	Width	[cm]	46	50	60
	Length – chair function	[cm]	70	81	97
	Height – chair function	[cm]	96	118	138
	Weight	[kg]	22,5	27,5	43

Note: Measurement tolerance range is +/- 1 cm / 1/2 in.

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## Safety

**Patient lift belt**

Robust and ergonomic design as well as high durability facilitates daily care of the patient.

**Soft cover for tray**

Soft cover protects the user from hitting the tray. Indicated for patients with impaired limbs coordination.



## Stabilization

**Extended headrest**

For patients with increased head circumference. It provides better side stabilization.

**Head supporting belt**

Attachable to the headrest by use of Velcro straps. Used for people with limited control of the head to prevent its falling.

**Nape supporting cushion**

Mounted to the headrest column. It ensures additional support for the cervical spine. Height and depth adjustment allows for a precise fit.

**Lower limbs supporting cushions**

Mounted to the footplates' bars. They provide additional support for lower limbs. Independent height adjustment allows to fit them to the patients with lower limbs asymmetry.

**Thigh abduction belts**

They can be easily attached to the chair by use of Velcro straps. Their use allows to keep legs in abduction and also prevents the patient from slipping off of the device.

**H vest**

It acts as a trunk stabilizer. HOLD&PULL® system makes it easier to adjust the vest to the patient body. You can quickly detach the vest if necessary.

**4 point vest**

It acts as a trunk stabilizer. Wide range of adjustment helps to fit it to the user's needs. Equipped with HOLD&PULL® system.

**6 point vest**

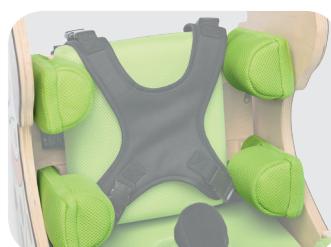
Wide range adjustable vest that acts as a trunk stabilizer. HOLD&PULL® system makes it easier to adjust the vest to the patient body.

**Trunk belt**

Universal solution applicable to many of our products. It secures the user from falling out of the device. Anatomical shape and Velcro straps allow for a comfortable fit.

**Knee support**

Mounted in place of the Efficient Tilt-in-space adjustment. The use in the product of an innovative four-bar linkage, supported with the gas spring, greatly improves smooth Tilt-

**Independently adjustable side supports**

They allow for even more precise fit of the product. Side supports can be adjusted at different heights.

**Footplates with 3-dimensional adjustment**

They allow for a smooth foot setting in all directions thanks to the use of the hinge ball. You can correct your foot setting on the footplates (front/back, left/right) and also set your foot in space (plantar/dorsal flexion, pronation/supination of the foot).

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Comfort



**Tray for manual therapy**

The tray allows active exercises assisting upper limbs with a particular focus on palm function.



**Cotton cover for headrest**

It helps to keep the headrest clean. Easy to assemble/disassemble, it can be washed.



**Seat cushion – Elastico**

It precisely adapts to the patient's body. Made of memory foam covered with breathable and spatial fabric. It is indicated in anti-bedsores prophylaxis.



**Backrest cushion – Elastico**

It perfectly adapts to the patient's body. Made of dense shape memory foam covered with breathable and spatial fabric. It is indicated in anti-bedsores prophylaxis.



**Seat cushion – profiled thighs**  
Anatomical notch on the thighs improves sitting comfort.



**Tango caster with a diameter of 100mm**

Noiseless, easy to maintain, does not leave marks, does not corrode.



**Oxygen tank case**

Oxygen tank case can be attached to the stroller by use of Velcro straps with adjustable length. Made to measure to perfectly fit the patient's oxygen tank



**Tray for non verbal communication**

It is a very important element in the rehabilitation of patients with speech dysfunction and, moreover, it makes it easier to perform daily activities. The set consists of 38 cards that may be put in random order into 24 places of the tray. It is covered with transparent and aesthetic plate made by Plexiglas®. Parents and child can create their own symbols that they believe are significant for their communication.

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