

2023/24









# "Family time together is fun!"

The **madita-fun.** therapy chair can be adjusted exactly to sofa height. This way, Jule can play at eye level with her family.





### Contents.







#### Hello!

We are Miriam and Torsten Schuchmann. Our family-run company is now in its second generation, our company has over 40 years of experience in the design, manufacture and provision of childrens' rehabilitation equipment.

It is a matter close to our hearts to support children with individual requirements as optimally as possible - using products which are just as individual as you are.

#### What inspires us.

The reason we have focused our efforts on childrens' rehabilitation equipment has its origins in our own family. We have first-hand experience and completely understand the challenges associated with a severely disabled person with multiple disabilities.

Miriams sister was born with severe cerebral palsy. When she was young the development of rehabilitation equipment was at a very early stage. Her parents recognised what could be done to them to improve her participation in everyday life, and a business concept was born.

#### What we inspire.

Our aim is to support children with disabilities so that they can become more mobile and independent. At the same time, our task has more far-reaching implications. Our 160-strong team work closely with specialist dealers, doctors and therapists so that we can truly understand the requirements of the children and their families. This is an extremely moving process for all involved.

Our products represent more than just products, they become companions in life. We want to get the market moving - with real innovations in rehabilitation equipment which fulfil the maximum demands on functionality, design and safety.

If you have any questions or suggestions on general topics or on our products, we - and of course the entire Schuchmann Team - are happy to help at any time.

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### Contents.



### Key.

## Briefly and concisely explained.



Indoor



Seat angle



Outdoor



Seat depth



Wet area



Seat width



Car



Elbow height



Max. load



Handle height



Angular adjustment of central column



Inside leg length



Back angle



Body size



Tilt in space



Access point



Seat height



GMFCS classification



You can choose your own fabric for your aid from our extensive and colourful range see pages 94 to 95.



Your seating aid belongs to you, and everyone should see that.

We can embroider your name onto the back unit. You can find more information on page 95.



Harness possibilities
We offer many different harness
possibilities to make you feel safe,
and to allow you to use your aid
whilst positioned straight and
upright (see price list).



**Diverse accessories program** for optimum support & individual equipment. You can find more information in the price list.

#### You have the choice:

of many great fabrics, straps, accessories and embroideries. So that your aid is as individual as you are!

Our icons quickly show you how

**and where you can use our aids.** You can see at first glance if our products are suitable for inside

or outside use, and how they can be adapted for individual body measurements and requirements.

### GMFCS.

#### Using this, finding your daily companion is child's play.

GMFCS stands for a classification of the gross motor skills of children and young adults. Doctors and therapists use this system to classify the degree of motor impairments in children suffering from cerebral palsy. Here five stages have been defined from Level 1 to Level 5. Each level defines how and whether children are able to move independently or whether they are dependent on aids and mobility aids.

#### GMFCS between the 6th and 12th birthday:







The children can walk freely at home, in school, outdoors and in the surrounding area. The children can climb over and get down from kerbstones without additional physical aids, and climb stairs without holding on to railings. Running and hopping is possible, but speed, balance and coordination are limited. The children can participate in physical activities and sports depending on their personal requirements and the environmental conditions.





In most situations, the children can walk freely, but experience difficulties over long distances and on uneven ground, in case of slopes, in crowds of people, on narrow paths or when carrying objects. The children can climb up and down stairs by holding onto railings, or can achieve this with physical assistance if no railings are available. Outdoors and in their surroundings, they are able to walk with physical support or using a walking aid, or they use a wheelchair over longer distances. Running and jumping are at best restricted. The restrictions in the execution of physical-motor tasks can make adaptations necessary which permit children to participate in physical activities and sports.







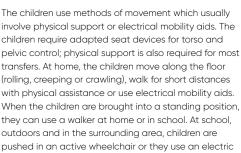
The children are usually able to walk indoors with a walking aid. When the children are seated, they may require a seat strap to straighten the pelvis and for balance. When transitioning from sitting to standing and from the floor to standing, physical assistance is required from a person or a supporting surface. Over longer distances, the children use a form of rolling mobility aid. Children may be able to go up and down stairs by holding onto railings under supervision or with physical support. The limitations of walking may make adaptations necessary which first permit participation in physical activities and sports, including an active wheelchair or an electric wheelchair.

#### **GMFCS**

We have assigned the appropriate GMFCS level to each of our products. This should assist in selecting the right aid for your child's equirements. The classification serves merely as a guide, and may deviate from child to child.







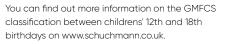
wheelchair. Due to their restrictions in movement, adaptations are required which first permit physical activities or participation in sports, including physical

support and/or electrical mobility.





The children are transported in all situations in a wheelchair. The children are restricted in the possibilities for holding their head and torso upright against the force of gravity and in their arm and leg movements. Supporting technologies are used in order to improve straightening of the head, sitting, standing and/or mobility, but the existing limitations cannot be compensated for by the additional aids used. Transfers require the physical support of an adult. At home, the children are able to move short distances along the floor or are carried by an adult. The children may be able to move independently with an electric wheelchair through comprehensive adaptation of the sitting position and the controls. The restrictions in mobility make adaptations necessary for the children to participate in physical activities and sports, including physical support and the use of electrical mobility aids.







Cooking together – tastes delicous!







After school, Leah likes to help with the cooking. She is also well positioned in her madita-fun therapy chair for this. Her therapy chair helps her to adopt the best-possible posture. Sitting in the right position is important so that Leah's bones and muscles can develop well.

Sitting is a basic posture for humans, one which holds even more significance for children with disabilities. A correct sitting position is hugely important in order to prevent deformations. Even in the smallest children it is important that the; spine, pelvis and hips and not misaligned and damaged through poor posture.

The correct seating aid, which can be individually tailored not only prevents misalignment it can also make sitting enjoyable for children. The optimum sitting posistion has positive effects on your back, digestion and breathing. With the correct support children can feel less fatigued and can play with friends and participate in everyday life. The correct seating aid can also relieve strain on parents, carers and teachers too.

#### Discover the world from a sitting position

In a sitting posistion even the littlest ones can start to explore their environment. You dont have to worry about them maintaining their posture as every seating aid we provide will give them just the right amount of support. Maximum freedom of movement can be achieved with madita-fun's removable back unit. The freedom provided to the child in the upper back motivates them to sit up more and provides more space for activity and to explore whats around them. However, children should never remain sitting in the same position for prolonged periods of time for this reason our seating aids offer many options to change and vary the users posture during use.

It is important to us to tailor all seating aids to the requirements of children, parents and therapists. Therefore they are variable in use, easy to handle and offer very different functions to ensure that children feel comfortable. Not only in a sitting position, but also when reclining. For this reason, we also have a cradle system for children who suffer from extreme contractions and sensitivity to pressure. In this mobile cradle, little ones feel comfortable, can relax and can also be brought into a sitting position for brief periods of time.

### Seating.













# smilla.

### Ready at all times.

















#### I am your seating aid for everyday use.

I promote active sitting and support your development. The great thing is whatever size you are, I will grow with you! You can simply adjust my seat and footplate up or down so that you can sit comfortably at the table with your big brother or sister. I have been manufactured with loving attention to detail using wood so I suit the other furniture in your home prefectly! With my many accessories, I can easily be adapted to suit your individual requirements.



Height adjustment made easy! Simply press the button and the seat and footplate can be moved up or down.



Toolless angle adjustment! The seat angle can be adjusted by turning the twist grip.



You decide how I should look. Combine my frame in anthracite, natural beech or white stain with a selection of great colours for the covers!







Headrest

Foot plate

Fast height adjustment







Data		Size O Nursery	Size 0	Size 1 Nursery	Size 1	Size 2		
Seat width		17 - 28 cm	17 - 28 cm	20 - 35 cm	20 - 35 cm	30 - 40 cm		
Seat depth		16 - 26 cm	16 - 26 cm	25 - 35 cm	25 - 35 cm	30 - 40 cm		
Max. seat height		42 cm	62 cm	42 cm	62 cm	62 cm		
Back height		25 cm	25 cm	29 cm	29 cm	34 cm		
Back angle		(-) 3° - 17.5°						
Seat angle		(-)5° - 15°						
F	Standard	12cm						
Footrest quick height adjust-	with 50 mm dual castors	17cm						
ment min. *	with 75 mm dual castors	20 cm						
Height of	Standard	2,5cm						
the footrest at floor level	with 50 mm dual castors	7,5cm						
min. *	with 75 mm dual castors	10,5 cm						
Max. load		30 kg	30 kg	45 kg	45 kg	60 kg		
Weight		9.2 kg	9.7 kg	9.6 kg	10.2 kg	12 kg		

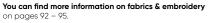
 $<sup>^{\</sup>star}$  adjustable lower leg length max. = selected/required seat height - footrest height min. (H)















# madita-fun.

## Always ready for some fun.









#### Push handle

for easy manoeuvrability.

#### Back unit

optionally removable, can be adjusted in angle and height.

#### Lateral pads

allow a stable and upright sitting position.

#### Armlehnen

ist individuell anpassbar.

#### Seat surface

is individually adaptable.

#### Foot support

is available in three new versions:

- · Without lock
- · with lock
- with progressive angle adjustment.

#### Base frame

compact and sturdily built.

#### Castors

available in different sizes, facilitate movement.

In just one single step, my back unit can simply be removed. This gives you more freedom to move.





Frame colours



Anthracite metallic









My headrest with angle-adjustable side guide is flexible, adaptable, practical and offers great therapeutic benefits.

Data	Size 0	Size 0b	Size 1	Size 1b	Size 1c	Size 2	Size 2a
Seat depth*	15 - 25 cm 21 - 30 cm		26-36cm	30-42cm			
Seat width	16-26cm 20-30cm		28 -	28-38cm			
Back height with extra short back	32 - 37 cm		35 - 4	3cm	-	35 - 43 cm	
Back height with short back	35 - 43 cm			42-52cm			
Back height with long back	-	42-47cm	42-52cm	53-63cm			
Seat height	25-62cm						
Seat height with electric height adjustment	32-62cm						
Seat height with hydraulic height adjustment	27-63cm						
Lower leg length	12** - 25 cm	12** - 25 cm	16** - 33 cm	19**-36cm 25-43cm			
Total width	54cm			64cm			
Length of base frame	61cm			75cm			
Total length with combi subframe	76 cm			86cm			
Tilt-in-space	(-)8° - 37°						
Back angle	(-)5° -25°						
Max. load	30 kg		45 kg		50	) kg	
Weight	19 kg		20 kg	221	22 kg		kg

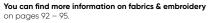
<sup>\*</sup> reduced by 1 cm in combination with adjustable pelvic guide \*\* the minimum lower leg length is achieved by repositioning the screws













# madita-fun mini.

## Small, but impressive.

I am the therapy chair for when you are

young – I will give you security from the start. I will place you on a level with





























# madita-fun mini.





Data	madita-fun mini.
Seat depth	12 - 19 cm
Seat width	14 - 22 cm
Height, short back	28 - 33 cm
Height, long back	30 - 35 cm
Seat height from floor	25 - 62 cm
Lower leg length	12 - 22 cm
Total width	52 cm
Length of base frame	58 cm
Seat angle	(-)5° - 37° / 0° - 42°
Back angle	(-)5° - 25°
Max. load	20 kg
Weight	16 kg



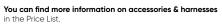








You can find more information on fabrics & embroidery on pages 92 - 95.









# madita hd. Solid and always at your side.

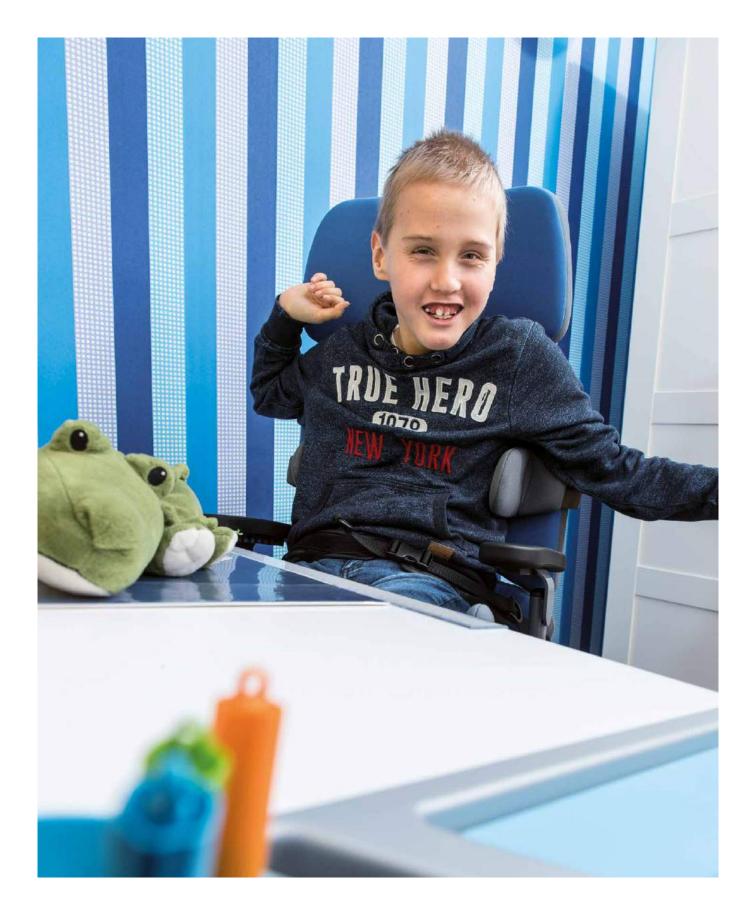


#### I am your strong therapy chair.

While you actively participate in everyday life, I support you in every way. My super stable frame is designed for active kids and teens like you. My seat unit can easily be tilted forwards and backwards with a lever. Even to the point where you can sit back and relax. For a secure base, I provide up to 3 weights on my frame. So you can always trust me - together we are strong.







# madita hd.



for active kids and teens, reinforced for strength and support.

#### Lateral pads

reinforced for strength and optimal guidance of the upper body.

#### Armrests

adjustable height and width.

#### Thigh guides

padded incl. cover, adjustable angle depth and width.

#### Seat

can be tilted forwards and backwards for a comfortable seating positon.

**Pelvic harness** provides the necessary support.

adjusted in angle and height.

#### Foot support

Push handle

Back unit

for easy manoeuvrability.

reinforced and can be

strengthened for stability and support.

#### Weight-bar

for a solid and sturdy base

### Castors

available in different sizes, facilitate movement of the chair around home or School.

adjustable in three dimensions with reinforced holder, upholstered incl. cover.



Headrest with angle-adjustable side guide

is flexible, practice and individually adaptable

#### Base frame

compact and sturdily built.

#### Gas pressure pistons

for height and tilt in space adjustmen with locking mechanisms to reduce movement in the base









Data	madita hd.
Seat depth	30-42cm
Seat width	28-38cm
Back height with short back	42-52cm
Back height with long back	53-63 cm
Seat height from floor	46-58 cm
Lower leg length	30-48 cm
Total width	53 cm
Total length	77 cm
Tilt-in-space	(-)5° – 20°
Back angle	(-)5° – 25°
Max. load	65 kg
Weight	29kg

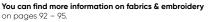
Super stable with a small footprint: four weights of 8 kg each can be attached to my base frame for stabilisation.











# tina.

## Always recline correctly.













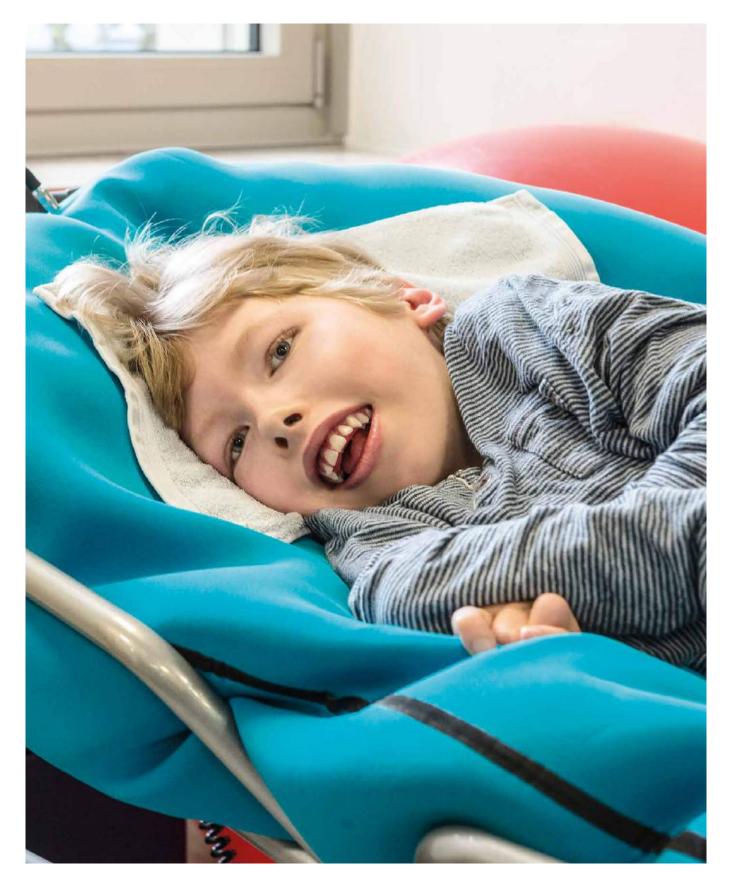




### I am your highly supportive, adjustable,

**mobile aid.** I will make things as comfortable for you as I can. Using the vacuum matress with eletric pump you can always lie perfectly secure without pressure or pain. I am also really easy to operate. My reclining surface can be electrically adjusted in height, as can the angle adjustment of my head section. I can even enable you to sit! My leg section is moved using a gas pressure spring. Did you know that I am very easy to turn and to push? This means that you can be moved around.







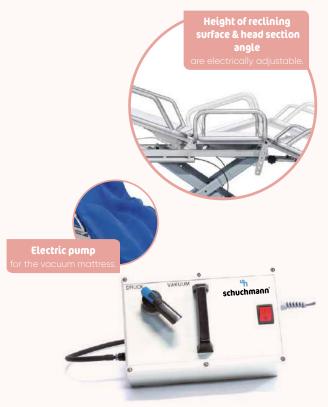


You can recline on me, but also sit comfortably too so that you can always have an overview of the world around you.











Data on tina.	Three-section cradle system
Height of cradle support from floor	53 - 79 cm
Adjustable back angle	0° - 50°
Seat angle is steplessly adjustable	0° - 18°
Adjustable foot angle	0° - 50°
Tilt angle reclining surface	-
Length of cradle support	-
Base frame width	64 cm
Max. load	100 kg
Weight	44 kg



Data for individual cradle systems	Size 1	Size 2	Size 3	Size 4
Width	60 cm	70 cm	70 cm	70 cm
Length of head section	45 cm	60 cm	75 cm	90 cm
Centre section length	35 cm	35 cm	35 cm	35 cm
Length of foot section	35 cm	45 cm	55 cm	65 cm
Total length	115 cm	140 cm	165 cm	190 cm
Height	12 cm	12 cm	12 cm	12 cm



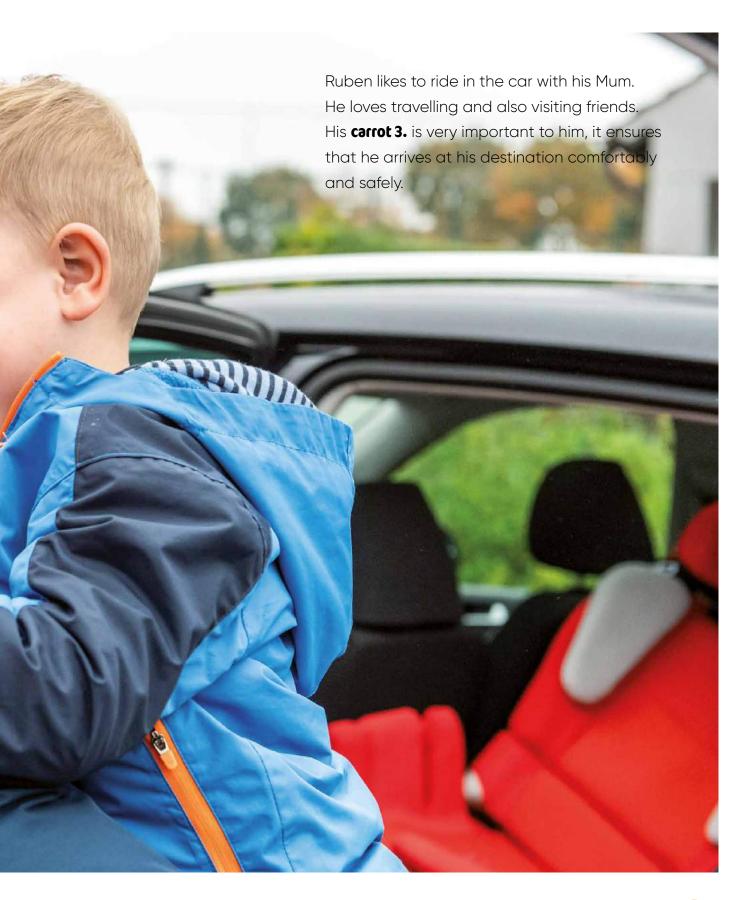




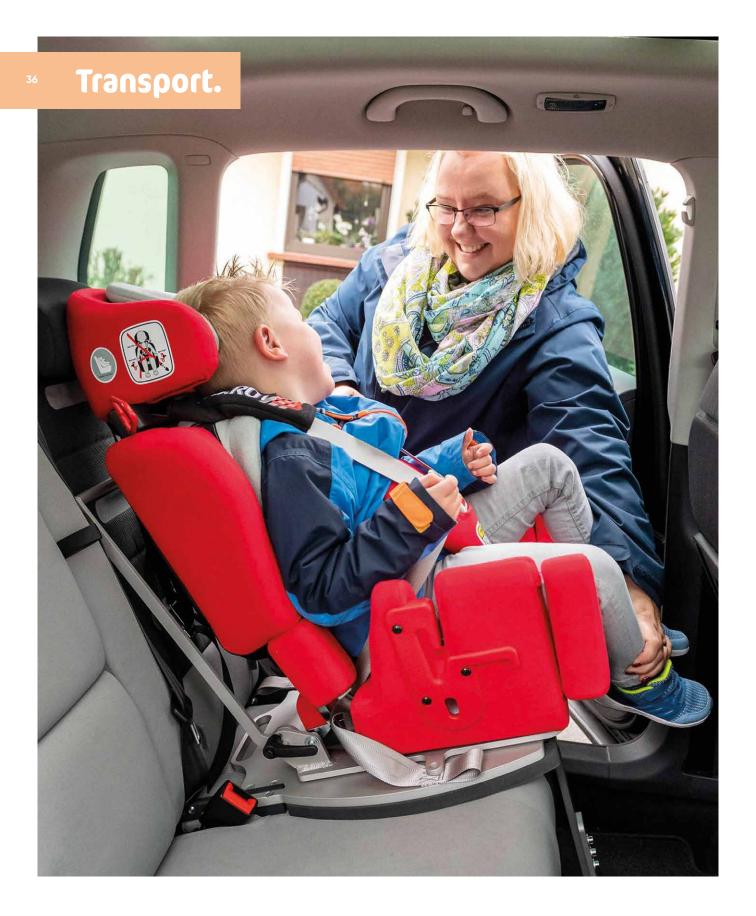




It is nice to go travelling with Mum.







## Ruben likes to ride in the car with his Mum. With his carrot 3. car seat he always rides safely and comfortably.

Being mobile is an essential part of life for disabled children and their carers. Supportive transport aids such as car seats ensure that children can get to school safely, visit their friends and relatives and have days out.

Our specially designed car seat will help to provide the correct support for the children who need it when they are travelling from A to B. The **carrot 3.** complies with all applicable guidelines and has been crash tested to set standards. Along with safety the wellbeing of the children the ease of use for their parents and carers is also of upmost importance to us.

## Sit comfortably, feel good

Children should feel as comfortable and supported as possible while they are travelling. The carrot 3. is easily adjustable to the individual needs of the user. Eg, back height adjustment and altering the amount of tilt of the chair.

The **carrot 3.** also provides a stable position for the pelvis and with the additional options which include a footplate or tray you really can tailor it for each child's specific requirements.

## Transport.





# carrot 3. Always on the move.













## I am your supportive car seat.

I like car rides. Do you? You can take me on the drive with you. With me you can get anywhere safely and comfortably. I have been crash tested to the highest levels for use in both the front and the back seats of the vehicle.

To make it easier to get into and out of I can turn on a turntable to either 90 or 100 degrees.













Data	Size S	Size L	Size XL		
Seat depth	25 - 28.5 cm	25 - 28.5 cm	44 cm		
Seat width	26 cm	26 cm	38 cm		
Back height	30 - 40 cm	45 - 55 cm	50 - 60 cm		
Headrest height	52 - 62 cm	67 - 77 cm	73.5 - 83.5 cm		
Total length	42 cm	46 cm	46 cm		
Footrest height	25 - 46 cm				
Max. load*	10 - 50 kg	10 - 50 kg	40 - 75 kg		
Body height	up to 145 cm	up to 160 cm	up to 176 cm		
Weight**	from 8 kg	from 8 kg	from 8 kg		

<sup>\*</sup> The **carrot 3.** has been tested to ECE R44 / 04 from 15 to 36 kg. In addition, dummies of 10, 49 and 75 kg were tested with success in accordance with the standard.
\*\* In cases with support from GB or consultant.









What a good idea: taking a walk with my friends!







Lea loves visiting all of the rooms in her nursery, but where is her best friend Jack hiding? Perhaps in the play-room? How exciting! malte, your flexible posterior walking aid, is happy to help you in your search. And not only that posterior walking aids assist children whose torso muscle strength is weakened by supporting the weight of their bodies and ensuring that they walk upright.

Walking is a natural process although it has to be learned. Usually steps are very wobbly at first, healthy children are able to walk properly from the age of approximately three years. Did you know that when walking your whole body is involved - from the skeleton and joints via the muscles and nerves, right up to the lung and heart. There may be many reasons why walking is difficult for disabled children however the right support will quickly motivate even the smallest children to discover the world independently.

## Anterior or posterior?

The process of walking is very complex. Shifting the weight from one leg to the other, rotating the hips, tilting the pelvis, rocking the body from one side to the other - these are processes with which children with disabilities require assistance. Walking aids should already be used during the first attempts at walking. Depending on the treatment and therapy objective, we can choose either a anterior or posterior walking aid.

Anterior walking aids are aids which are pushed in front of the body and which place higher demands on the child. Using these, for example, the torso muscle strength can be trained. If the torso muscle strength is particularly weak, posterior walking aids are recommended which are pulled behind the body. Here the weight of the body is supported proportionally by the walking aid. Using the right accessories, the gait pattern can quickly be improved.

## Walking.









# malte.

# Smooth-running.















## I am your versatile posterior walking

**aid.** I am always there for you – even from your first year of life. Walking is my biggest hobby, it doesnt matter where you want to go I will follow you. If you support yourself on my handles, you will quickly notice how I help with your body weight. In addition, my abducted frame gives you lots of room to position your feet properly. My pelvic support pad ensures that you walk upright and straight. Cool, aren't I?!







# malte.





















Data	Size 0 mini*	Size 1	Size 2	Size 3	Size 4
Handle height	29 - 53 cm	34 - 58 cm	51 - 75 cm	68 - 94 cm	87 - 113 cm
Height of forearm rests	-	46 - 70 cm	63 - 87 cm	79 - 103 cm	98 - 124 cm
Handle spacing	22 - 36 cm	22 - 36 cm	30 - 44 cm	38 - 52 cm	43 - 57 cm
Seat height	-	33 cm	45 cm	60 cm	70 cm
Total width	52 cm	51 cm	61 cm	68 cm	75 cm
Total length	58 cm	58 cm	70 cm	77 cm	87 cm
Frame height (folded)	37 cm	25 cm	32 cm	34 cm	37 cm
Transport dimensions (L x W x H)	58 x 52 x 37 cm	58 x 51 x 25 cm	70 x 61 x 32 cm	77 x 68 x 34 cm	87 x 75 x 37 cm
Max. load	20 kg	30 kg	50 kg	75 kg	100 kg
Weight	3.9 kg	7.1 kg	8.3 kg	8.5 kg	10.2 kg

<sup>\*</sup> Frame cannot be folded up





# malte outdoor.

## More action for outdoors.



## I am your outdoor posterior walking aid.

Just like my brother, I am always with you when you really want to get moving, and will offer you the best-possible support to do so. Thanks to my outdoor outfit, I am happiest outdoors, and am the perfect companion for a walk: my large wheels will roll along any surface and my drum and parking brakes provide additional security.















Data	Size 1	Size 2	Size 3	
Handle height	34 - 58 cm	51 - 75 cm	68 - 94 cm	
Height of forearm rests	46 - 70 cm	63 - 87 cm	79 - 103 cm	
Handle spacing	22 - 36 cm	30 - 44 cm	38 - 52 cm	
Seat height	33 cm	45 cm	60 cm	
Total width	56 cm	66 cm	73 cm	
Total length	66 cm	75 cm	82 cm	
Frame height (folded)	25 cm	32 cm	34 cm	
Transport dimensions (L x W x H)	66 x 56 x 25 cm	75 x 66 x 32 cm	82 x 73 x 34 cm	
Max. load	30 kg	50 kg	70 kg	
Weight	7.1 kg	8.3 kg	9.8 kg	

Did you know that I am one of the few walking trainers which has an outdoor approval? With larger and wider wheels and a drum and parking brake, I am well-equipped for big adventures outdoors. Brilliant!





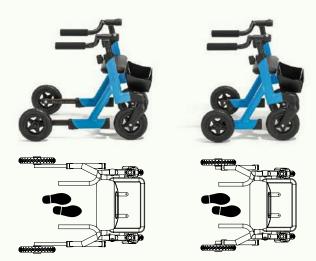
# marcy.

# There for you from the start.



# I am your anterior walking aid, and will assist you in your very first attempts

to walk. I can hardly wait to start off with you! I will support your balance and simultaneously train your torso muscles. You can adapt my wheelbase to suit. You can adjust my wheelbase shorter to make me more manoeuverable or by making it longer I can give you more security and support. If you find it hard to walk in a straight line, I am happy to assist you with my direction locks.



























Data	Size 0	Size 1	Size 2	Size 3
Handle height	30 - 47 cm	38 - 59 cm	53 - 75 cm	63 - 88 cm
Height of forearm rests	41 - 58 cm	49 - 70 cm	63 - 85 cm	73 - 98 cm
Handle spacing	18 - 32 cm	22 - 36 cm	30 - 44 cm	36 - 50 cm
Seat height	25 cm	30 cm	45 cm	45 cm
Total width	44 cm	48 cm	62 cm	71 cm
Total length	36.5 cm	42.5 cm	57.5 cm	61 cm
Total length (telescopic wheelbase)	39 - 47 cm	45 - 55 cm	60 - 74 cm	65 - 79 cm
Max. load	20 kg	30 kg	50 kg	65 kg
Weight	4.2 kg	5 kg	7.4 kg	9.1 kg







Listening to jokes is great fun.







Finally, Siphan can also stand at school and is no longer dependent only on his nursing bed. This is made possible by his new supine standing system till. At last he can be at eye level with his friends and discover completely different things in school. What Siphan doesn't know yet: till. not only gives Siphan new insights – it has so much more to offer!

Children and adolescents who are dependent on seating aids and wheelchairs should take a break from long phases of sitting with regular standing exercises. Sitting for too long is not healthy and can cause muscle shortening. Standing also has health benefits for your child; it increases bone density, promotes digestion, reduces joint contractures and facilitates breathing. The shifting of weight onto the legs helps to develop strong and sturdy joints around the hips, knees and ankles.

However, standing isn't just important for the health, children become much more attentive when upright and can perceive their environment better. When standing children can be more involved in their environment and can interact with their friends better. If standing trainers provide a very small standing area, it is easier for little or big children to get close to their friends or to reach the school blackboard.

## Standing correctly is easy!

During periods of standing, it is important to observe the position of the pelvis. Using the correct adjustments and body support of our standing aids, the pelvis is always kept symmetrical so that each leg takes equal weight. The head and trunk should then be centralised. Depending on the childs condition or treatment objective, the child can be tilted forward or backwards. Standing with the support against the stomach stimulates the child to stretch more actively. Standing with the support against the back is good for a child who is unable to support their own head for long periods.

## Standing.









## till.

# Positions you well.











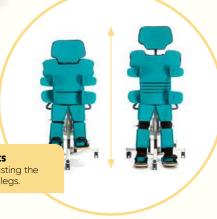


I am your height adjustable supine **standing frame.** With me, your transfer from the lying to the standing position is safe and comfortable - even if you are not actively involved. With my various adjustment options, I adapt very precisely to your specific body shape - from head to toe. Regular standing has a positive effect on your body structures and functions and promotes your activities. In doing so, I support you and at the same time offer you security. With me you have a new perspective - you can be at eye-level with your friends and can be moved around. This makes participation in different situations and environments during standing possible and enjoyable.

# **Height adjustment**is easily done via motor or with gas pressure spring support.















You can also easily adjust my height and angle. So nothing stands in the way of playing with my friends.

















## Headrest with adjustable side guide

is flexible, adaptable, practical and offers great therapeutic benefits.



## Flexible knee positioners (FKP)

are individually three-dimensionally adjustable. Length-adjustable contact straps adapt optimally to the shape of the knee.

# An optimal foot position is achieved by individually adjustable 3D footrests. These can be lowered to the floor.







# **Precise abduction of the legs** is possible from 0-30° via adjusting screw.



Data		Size 1	Size 2	Size 3	Size 4				
	Body size	75 - 115 cm	100 - 135cm	120 - 160 cm	145 - 185 cm				
Back	Hip/thorax width	14 - 27 cm	17 - 31cm	20 - 37 cm	27 - 46cm				
DUCK	Length of lying surface	30,5 - 43cm	38 - 48 cm	49 - 61cm	58 - 69cm				
	Sole to knee	20,5 - 30,5cm	27,5 -37 cm	32,5 - 45cm	42 - 54cm				
	Knee to crotch	12 - 18,5cm	16,5 -24 cm	20 - 29,5cm	24,5 - 34cm				
Lawa	Knee angle		0° - 65°						
Legs	Hip angle	0° - 45°							
	Abduction	0° - 30°							
	Level compensation	0 - 5cm							
	Equinus	0° - 20°							
Feet	Flat foot	0° - 15°							
	Rotation	0° - 15° per direction							
Lyin	ng surface height (for transfer)	53,5 - 73,5 cm	60 - 85cm	71,5 - 93,5 cm	82,5 - 104,5cm				
	Tilt	0° - 90°							
Tra	Insport dimensions (L x W x H)	95 x 51 x 75 cm	105 x 61 x 85 cm	125 x 76 x 97 cm	152 x 77 x 110 cm				
	max. load	30 kg	60 kg	80 kg	100 kg				
	Weight	30 kg	35 kg	80 kg	90 kg				



# todd.

# Looks good with you.















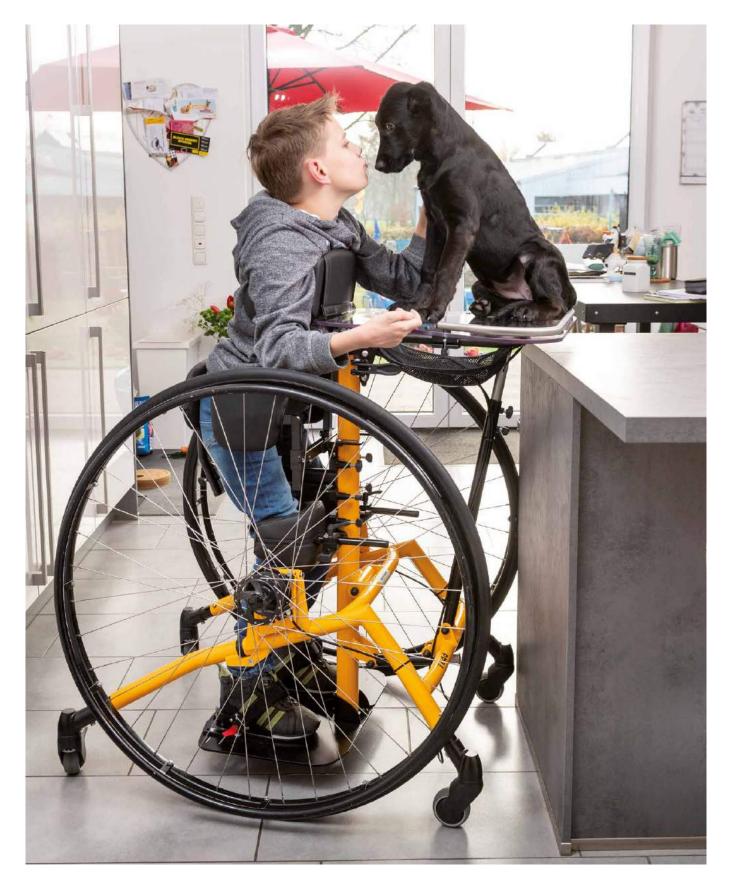


## I am your moveable standing trainer.

Using me, you can practice standing on your own. Regular standing trains your muscles and improves bone density. My body supports, which can be adapted in height, width and depth, can adapt to your body measurements. My two large wheels round me off perfectly. Using these, you can go anywhere – completely independently.

## Flexible knee positioners (FKP)

are individually three-dimensionally adjustable. Length-adjustable contact straps adapt optimally to the shape of the knee.







made from Plexiglas.

#### Central column

can be inclined from 0° - 15°.

### Rear wheels with hand rims

for independent mobility.

#### Wheel camber

can be adapted to the optimum grip width.

#### Footplate

can be adjusted in height and depth. Alternatively, there are split footplates that can be adjusted for dorsi/plantar flexion.

## Spring-loaded support rollers

with parking brake.

## Chest support with lateral guide

can be adjusted in height and width.

## Buttocks support pad

Can be swivelled away by means of a swivel frame for easy transfer.



## Abducting frame shape

offers plenty of space for getting in and out.

## Heel edges with foot straps

with magnetic fasteners

















	Data Size 1		Size 2		Size 3		Size 4				
Bod	Body size 75 - 110 cm		100 - 130 cm		120 - 155 cm		150 - 175 cm				
Whee	el size	24"	28"	30"	32"	36"	32"	36"	36"	42"	
Grip height: footp hand rims c		40 - 48 cm	50 - 58 cm	57 - 65 cm	64 - 69 cm	72 - 80 cm	60 - 68 cm	71- 79cm	82 - 90 cm 87 - 95 cm 8		87 - 95 cm
Recommended from elbow height		50 cm	60 cm	70 cm	80 cm	92 cm	82 cm	92cm	92cm	97cm	99 cm
	0°	-	-	-	-	-	65 cm	65 cm	67 cm	67 cm	67 cm
	3°	-	-	54cm	53 cm	52 cm	61cm	60 cm	63 cm	62 cm	61cm
AAC data a Class of Consent to	6°	-	-	51cm	49 cm	47 cm	57 cm	55 cm	59 cm	57 cm	56 cm
Width of hand rims at top	9°	45 cm	44 cm	48 cm	45 cm	42 cm	54 cm	51cm	55 cm	53 cm	51cm
	12°	42 cm	41cm	45cm	41cm	38 cm	-	-	-	-	-
	15°	40 cm	-	-	-		-	-	-	-	-
	Width of hand rims at bottom (min max.)		70 - 73 cm	71 - 83 cm	71 - 83 cm	71-84cm	73 - 83 cm	73 - 85 cm	76 - 86 cm	76 - 86 cm	76 - 90 cm
Footplate height - centre of knee support pads		19 - 3	0cm	28 - 36 cm		34 - 44 cm		42 - 51 cm			
Footplate hei buttocks support pad su	_	26 - 4	12cm	43 - 58 cm		53 - 69 cm		65 - 80 cm			
Recommended for inside leg le	ength	30 - 4	47cm	48 - 63 cm		58-74cm		70-84cm			
Abduction split foo	tplate	0° -	-6°	0° - 6°		0° - 30°		0° - 30°			
Abduction split footplate (with ab- ducted basic model)		0° - 40°		-		-					
Pelvis depth*		11 - 2	24cm	11 - 24cm		15 - 28.5 cm		15 - 28.5 cm			
Pelvic depth** (adjustment range of the pelvic position by hand crank max. 6 cm)		11 - 20 cr	m (+6cm)	11 - 20 cm (+6 cm)		15 - 27 cm (+6 cm)		15 - 27 cm (+6 cm)			
Sternum height (Footplate height - 54 - 80 cm		68 - 101 cm		92 - 123 cm		111 - 140 cm					
Tray height from footplate 43 - 66cm		61 - 79 cm		72 - 96 cm		92 - 110 cm					
Ma	x. load	30	kg	45 kg		65 kg		80 kg			

 $<sup>^{\</sup>star}$  with bracket for rear support pad (standard)  $^{\star\star}$  with bracket for rear support pad (flip away)





# tim.

# Stand up for yourself.









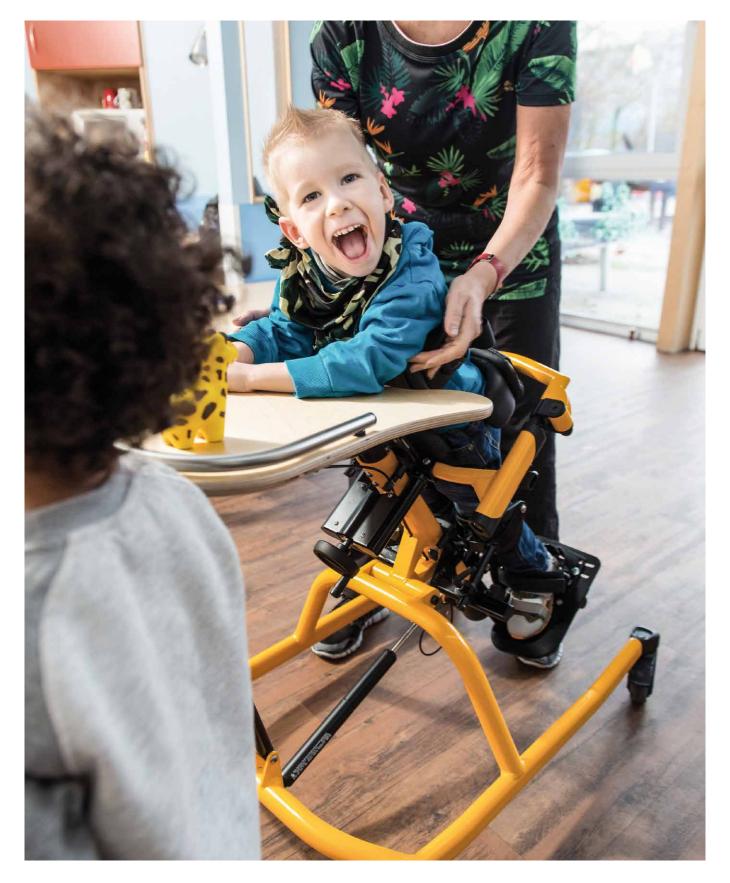




## I am your personal standing frame.

Using me, you can practice standing on your own two feet. Together, we will get your muscles fit, strengthen your bones and get your circulation going. Don't be afraid, I will be holding you all the time. Even if you lean forwards or backwards - my tilt angle can be adjusted. All my components can be adjusted in height, depth or angle precisely to suit your requirements.











You can order my wooden tray with or without adjustable arm supports, a bowl or a tray cover for therapy or play purposes.













The pelvic frame helps you into an optimum upright position. Using a crank, your parents or carers can adjust the frame so that you can slowly stretch out your legs.







Flexible knee positioners (FKP)
are individually three-dimensionally
adjustable. Length-adjustable contact
straps adapt optimally to the shape
of the knee.

Data	Size 1	Size 2	Size 3
Body size	75 - 110 cm	100 - 140 cm	120 - 160 cm
Tray height from footplate	48.5 - 80.5 cm	71 - 95 cm	85 - 112 cm
Pelvis depth	12 - 22 cm	16 - 28 cm	20 - 35 cm
Depth adjustment of the pelvis frame (via hand crank)	6 cm	6 cm	6 cm
Total length	84 cm	90 cm	100 cm
Total width	57 cm	65 cm	71 cm
Abduction split footrests	0°-27°	0°-27°	0°-27°
Pelvis height	45 - 60 cm	57 - 80 cm	65 - 90 cm
Sternum height	55 - 85 cm	75 - 110 cm	95 - 125 cm
Max. load	40 kg	60 kg	80 kg





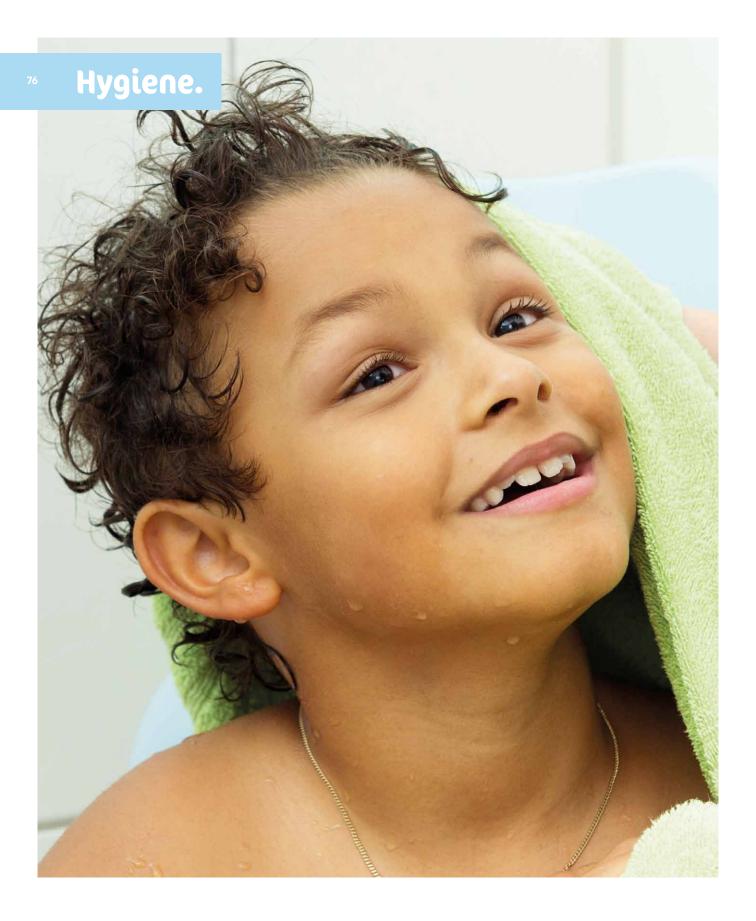


Theo loves the water. He enjoys feeling it splash onto his skin. And the **boris.** helps him to really relax. Our other bathing aids are also ready and waiting and will accompany you in everything you want to do in the bathroom.

## Bring on the water!







Wow, that was fun! All afternoon, Theo has been playing with his sisters on the playground, building sandcastles with them - but now it's time for a shower. Because Theo can't stand alone, boris assists him in the bathroom with hygiene matters where it can. So, bring on the water!

Body care such as showers, baths, cleaning our teeth and trips to the toilet are some of the things we do every day in the bathroom. Children and teenagers with physical disabilities often cannot deal with their bodily hygiene on their own. They require assistance. To help children to accept their daily care in the bathroom and also to achieve independence, for example when going to the toilet, there are hygiene aids available for different requirements. These aids all have one thing in common; they offer children sufficient support and security, and make everyday life easier for parents or companions.

Sometimes, you simply don't have enough hands to wash a child in the bathtub or to support them safely in the shower. Here aids are really important to give the child a feeling of security. Many adjustments can be carried out on the aids using just one hand. Accessories such as straps or headrests also help to provide a secure hold. Using the right aids, you will always have one hand free to hold the child or adolescent and provide them with security.

#### Take me with you, please!

Our hygiene aids have been cleverly designed to make things as safe and pleasant for little and big people as possible. For example, the covers are particularly gentle on the skin and do not leave pressure marks on the body. Being showered on the padded seat with its soft materials feels pleasant, and not cold at all.

The best thing about it is that our hygine aids can be taken with you – on a weekend trip to your grandparents house for example. Some aids are extra-small, compact and foldable.

#### Hygiene.









# boris. As clean as can be.















I am your comfortable shower and toilet chair. Whether cleaning your teeth or showering, my seat tilt can be adapted to any situation. My anatomically shaped seat surface gives you the required support to stabilise your upper body and can be adjusted in height. You can sit comfortably on my soft PU pads which can be easily removed and cleaned. Because I have been produced from highly robust material, you and your parents will have a lot of fun with me for a long time to come. Did you know that I am available in five sizes and can carry up to 150 kg?



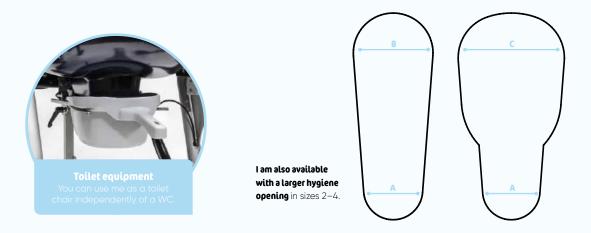














	Data	Size 0	Size 1	Size 2	Size 3	Size 4
Seat wi	dth (rear)	26 cm	31 cm	36 cm	41 cm	46 cm
Se	at depth	31 cm	36 cm	41 cm	46 cm	48 cm
Seat shell wid	dth (front)	31 cm	36 cm	41 cm	46 cm	51 cm
Ва	ck height	49 cm	51 cm	56 cm	61 cm	65 cm
Se	eat angle	(-)5° - 30°	(-)5° - 30°	(-)5° - 30°	(-)5° - 30°	(-)5° - 30°
Can be positioned over	er a toilet	47 - 57 cm	45 - 55 cm	42 - 52 cm	42 - 52 cm	42 - 52 cm
To	tal width	56 cm	61 cm	63 cm	71.5 cm	74 cm
Tot	al length	65 cm	65 cm	65 cm	70 cm	70 cm
Max. lower le	eg length	38	cm		48 cm	
Front edge of hygiene to rear edge of su		47 cm	49 cm	51 cm	54 cm	57 cm
Front opening width	Α	10 cm				
Rear opening width	В	12 cm	12 cm	13.5 cm	13.5 cm	13.5 cm
Rear opening width*	С	-	-	18.5 cm	18.5 cm	18.5 cm
Ν	1ax. load	60 kg	80 kg	100 kg	100 kg	150 kg
	Weight	28 kg	30 kg	33 kg	35 kg	38 kg

 $<sup>^{\</sup>star}$  Only applies to sizes 2 b, 3 b and 4 b







# basti. The clever way to wash.













In case of the Size 4, this takes place via two stainless steel snap joints.



Data	Size 1	Size 2	Size 3	Size 4
Seat width	30 cm	35 cm	35 cm	40 cm
Seat depth	30 cm	34 cm	38 cm	44 cm
Back height	45 cm	61 cm	71 cm	82 cm
Standing space length	69 cm	74 cm	88 cm	93 cm
Lower leg length	19 cm	20 cm	28 cm	28 cm
Back angle	90° - 180°	90° - 180°	90° - 180°	90° - 180°
Knee angle	0° - 90°	0° - 90°	0° - 90°	0° - 90°
Headrest angle	0° - 90°	0° - 90°	0° - 90°	0° - 90°
Headrest angle	0* / 5 cm			
Max. load	35 kg	45 kg	55 kg	75 kg
Weight	4 kg	4.1 kg	4.3 kg	4.8 kg

 $<sup>\</sup>mbox{^{\star}}$  In combination with the cover with pelvic mould depression









# bibi. Take me with you.

















I am your mobile bathing seat. I would really love to go bathing with you. But not only that I would also be delighted to build castles with you at the beach. Hair full of sand, mucky hands - we have earned ourselves a shower! My backrest can be adjusted so that you can either sit bolt upright or lean back and relax. By the way I am so lightweight and compact in size that you can just fold me up. That's really practical when I accompany you on journeys or to friends' houses.







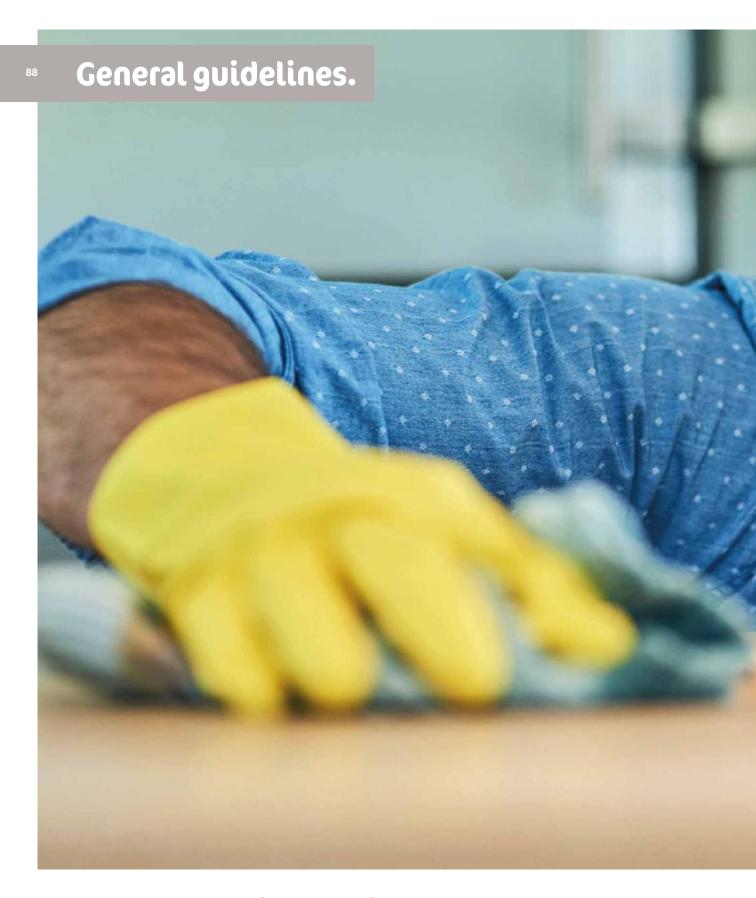
Data	bibi.	bibi. with long back
Seat depth	30 cm	30 cm
Seat width	36 cm	36 cm
High back	45 cm	55 cm
Total length	60 cm	60 cm
Back angle	90° - 180°	90° - 180°
Max. load	30 kg	30 kg
Weight	2.3 kg	2.3 kg



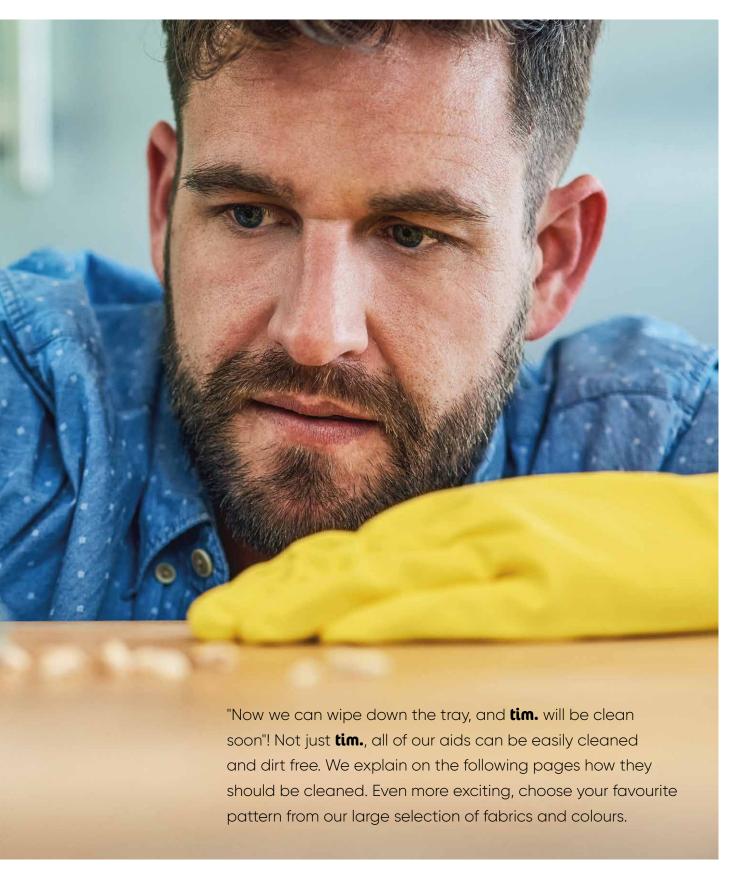








Look, the stain has disappeared!





## Cleaning + disinfection. Clean as a whistle.

#### Introduction to using our products.

Please note that **people with special needs, reading difficulties and impaired vision** must ask a parent, supervisor or technical advisor to read or explain this technical documentation so that safe usage of our products can be guaranteed.

We would like to point out that only spare parts and accessories from our company may be used and installed so as not to endanger the safety of the users. In individual cases, the combination of our products with those of other manufacturers may require clarification with us as the manufacturer.

Settings and adjustments to the product or accessories may only be made by people who have been given the necessary instructions by a product advisor. Please ensure that none of the user's extremities are in the respective area when making adjustments of any kind to minimise the risk of injury

The product should be reduced to its smallest dimensions for transportation. For example, reduce the seat, the armrests, the back etc. to the smallest dimensions. Remove the parts of the product that can be easily removed, e.g. the wheels of the **todd.** standing frame. Fold up the foot support on products with this feature. Please see the User Manual belonging to the respective product for more detailed information.

**Instructions for use** on the products are available on www.schuchmann.co.uk/media-library.

If applicable, the product-specific cleaning guidelines in the respective instructions for use are to be taken into consideration.

#### Cleaning guidelines for the different materials.

The care and cleaning of our products should be carried out at regular intervals to ensure that they remain functional over their useful life. The choice of suitable cleaning agents is crucial.

Wood: Wooden parts should be cleaned with a damp cloth or similar. When using detergents, please consult the manufacturer's instructions regarding detergent concentration. Caustic household detergents or corrosive substances are not suitable. Never leave natural wood in a damp or wet condition over long periods, as it will take on water and can change in shape (swelling). Therefore, only wipe and clean damp (i.e. with wrung-out cloths). Test a small, non-visible area for compatibility.

Powder-coated parts: Aluminium parts should be cleaned with a sponge or damp cloth using normal antibacterial household detergents.

Stainless steel: Stainless steel parts should be cleaned using a sponge or damp cloth with a mild soap. Bleach must not be used.

Covers / Fabric: Covers and fabric should be washed at 40° C in the washing machine using normal detergent. Do not tumble dry.

Plastics: Plastics should be cleaned using a sponge or damp cloth with mild soap. Bleach must not be used.

PU (polyurethane): PU parts should only be cleaned using a sponge or damp cloth with a mild soap. Bleach must not be used.



#### Disinfection measures by material type.

Various products can be used for **surface disinfection** of **metal**, **wood** and **plastic parts**. The disinfectants used should have a wide range of efficacy (bactericidal, levurocidal and virucidal) and be approved for medical devices.

Suitable disinfectants can be found in the KRINKO/BfArM recommendation.

**Liquid disinfectants** are available as a ready-to-use solution which is sprayed on and evenly applied with a soft cloth. Alternatively cloths soaked with disinfectant can be used and wiped over the whole product. In both cases complete coverage is necessary.

The exposure times may vary and can be found in the manufacturer's instructions for the agents used. Products based on alcohol should not be used.

Disinfection systems achieve very good results. There the contaminated devices are completely disinfected by cold fogging. Methods of disinfection by icing are not permitted.

If necessary, **product-specific disinfection instructions** from the respective instructions for use must be taken into account.

#### Hygiene measures for all our products.

#### 1. Who should carry out the hygiene measures?

Users, careers, service staff from specialist dealers and other authorised institutions.

#### 2. How regularly?

- Cleaning: As required (maintenance/repair/care)
- Cleaning + disinfection: Regularly and as required (in case of possible contamination and before maintenance and servicing)
- · Prior to cleaning and disinfection: Damaged sub-frames or components must first be removed or repaired.
- · Processing by trained personnel (intensive cleaning and disinfection): Before passing on to other users.

#### 3. With what should the work be carried out?

We recommend wearing protective gloves (e.g. made of nitrile or butyl rubber)! Avoid the penetration of liquids into Bowden cables, frame tubes or similar. Remove visible soiling with a damp sponge cloth and, if necessary, a cleaning agent. Do not use scouring agents or aids!

#### 4. How should the work be conducted exactly?

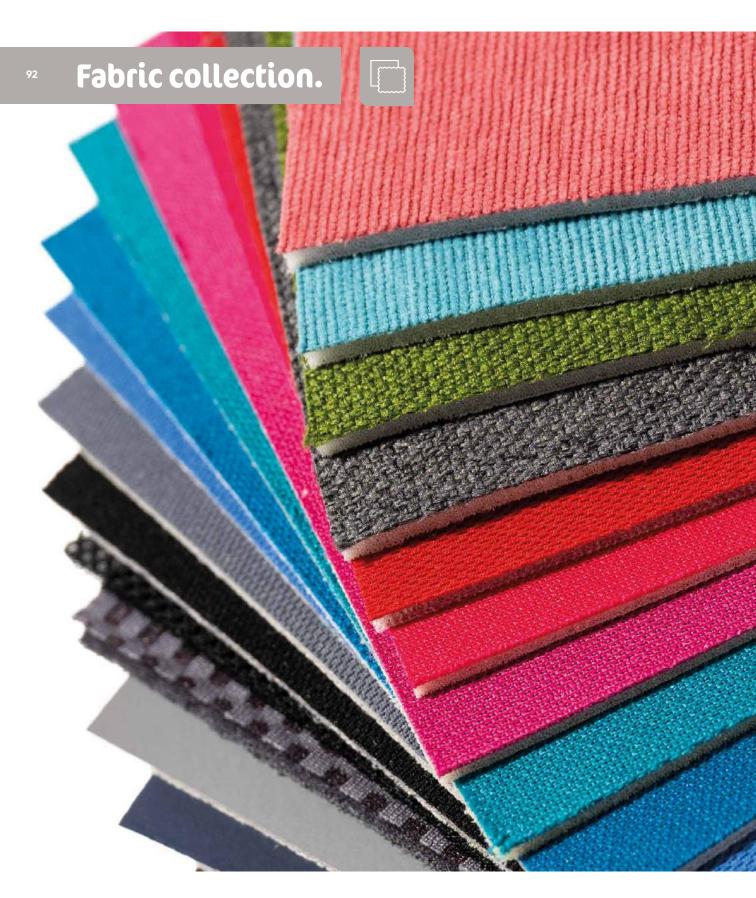
For cleaning, all accessible surfaces are cleaned with a damp sponge cloth and, if necessary, a suitable cleaning medium. Then dry the surfaces with a cotton or disposable cloth. Hard-to-access places can also be dried using a hairdryer on its lowest setting. The use of high-pressure cleaners is not permitted, as their use can lead to damage to the products.

For disinfection the disinfectant should be used according to the manufacturer's instructions.

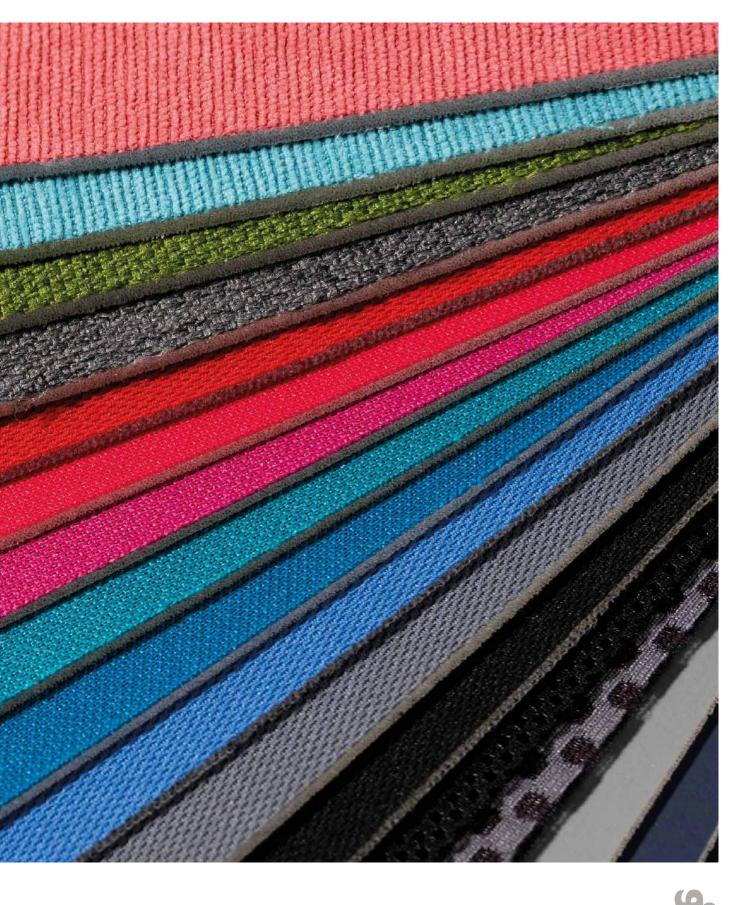
Ensure **complete coverage**. If necessary, remove excess preparation quantities with unstained disposable tissue. It is particularly important to observe the exposure times of the manufacturers!







Now things are getting colourful.





## Fabric collection.



# Now things are getting colourful.

# As round as a spinning top and as colourful as a marble run - let's discover the world through play!

The same applies to our fabrics. With all the usual quality demands that can only be made on the supply of aids.

#### Good to know - all our fabrics are:

- · extremely resilient
- skin-compatible in accordance with DIN EN ISO 10993-5
- flame-retardant in accordance with DIN EN 1021-1+2
- · simple and easy to process
- tested in accordance with the Oeko-Tex Standard 100





#### Fabric Flexi.



9001043 (No. 43)



9001044 (No. 44)



9001050 (No. 50)

Should you request, we are happy to send you a fabric sample folder!



#### Woven fabric.



9001123 (No. 123)



9001 124 (No. 124)



90 01 125 (No. 125)



9001126 (No. 126)

#### Knitted fabric.



9001091 (No. 91)



9001111 (No. 111)\*



90 01 092 (No. 92)



90 01 112 (No. 112)\*



9001105 (No. 105)



9001114 (No. 114)\*



9001 106 (No. 106)



9001115 (No. 115)\*



#### Mesh fabric. / Spacer fabric.







9001047 (No. 47)



90 01 048 (No. 48)\*

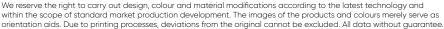


9001 101 (No. 101)

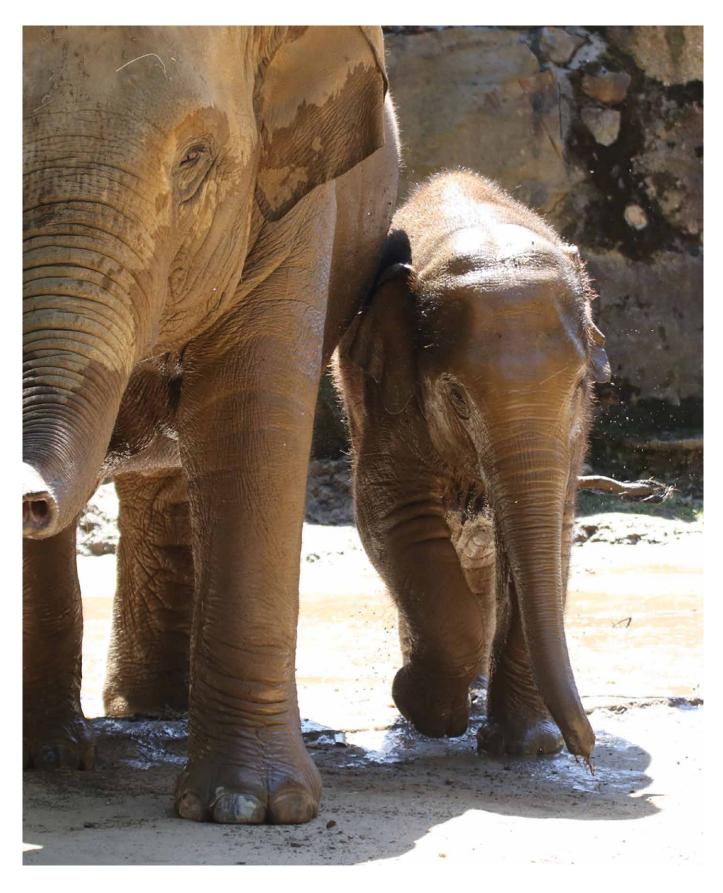


9001109 (No. 109)

#### Note







Sponsorship.

The little elephant who can be seen on every page of this catalogue has a name: this is manni, our brand logo. There are many reasons as to why we chose an elephant, but one of these is particularly close to our hearts: elephants' social interactions are highly sophisticated. This means that they live in herds, place great value on family and protect their children. We think that's great. Because families, children and their well-being in everyday life play a major role for us and our products.

And that is why we are delighted to have found a little brother for **manni.**: Minh-Tan, the first elephant to be born in Osnabrück Zoo, for whom we became the sponsor in summer 2018. In 2022, Minh-Tan left the enclosure as planned. After all, a typical power struggle between the elephants took place. We are all the happier that we have found a kindred replacement for the sponsorship in Minh-Tan's little brother Yaro. In this way we assist the zoo in caring optimally for Yaro and, for example, ensure that the little elephant gets his favourite food.

#### Beloved son.

Yaro was born on 21st December 2020 – as the first elephant conceived in Osnabrück. His mother Douanita and his sister Sita are really proud of the newcomer and look after the little one beautifully. We are sure that he will develop just as magnificently as his big brother Minh-Tan. He now lives in Heidelberg Zoo.

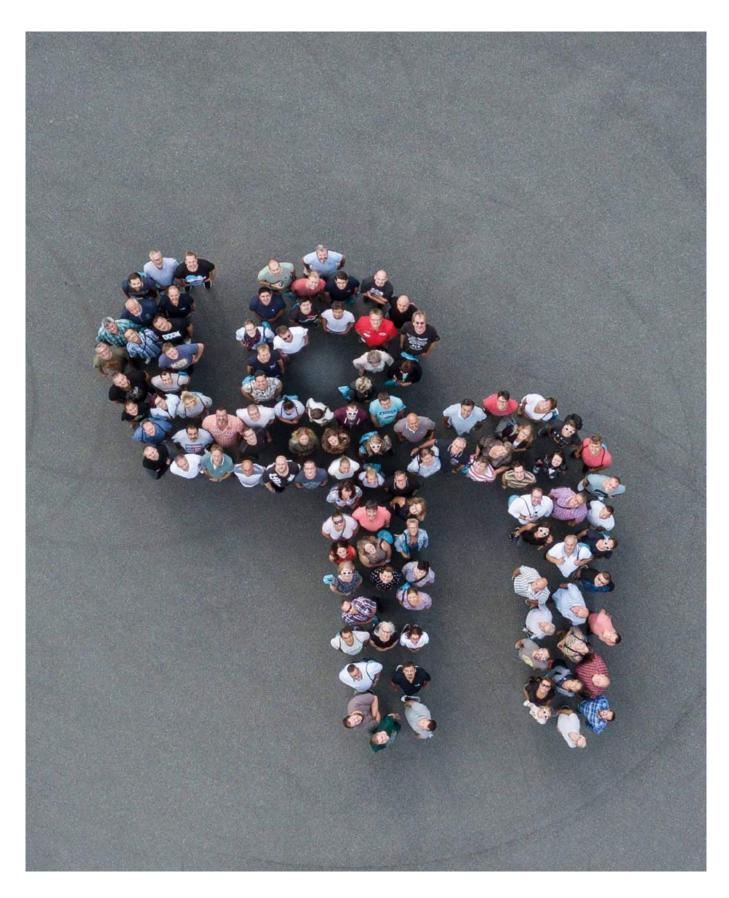
At birth, the little one with the long trunk already weighed a good 100 kilograms. From the very beginning, the curious and active bull elephant was an absolute crowd puller. And therefore not only interesting for the other elephants in the enclosure, but also for zoo visitors young and old.

By the way: Yaro is an Indian name and means "beloved son". Perfect, isn't it?
We are delighted to welcome our new family member and especially about being able to continue the sponsorship with Osnabrück Zoo.

# Yaro. Our new, lively sponsor child.







We are schuchmann.

### We are involved in an international support association for the rehabilitation of children and adults.

Since the year 2000, the international support association rehakIND e.V. has committed itself to the particular requirements of handicapped children and teenagers.

The provision of these children with therapies and aids is a particularly sensitive area in rehabilitation: interdisciplinary collaboration of all those concerned is required, and competence generates trust.

The aim of this support association is to optimise the supply process, to secure the quality of process paths and to optimally exploit the funds available.

Over and above this, the association supports non-profit facilities, organisations, and science and research in child and adolescent rehabilitation. As foundation members, the collaboration and exchange of information with rehakIND is therefore of great importance to us. Through our involvement

in this support association, we as manufacturers receive important impulses for the qualitative improvement of our products. This permits us to cater for the individual challenges of modern aid equipment provision.

We would hereby like to thank rehaKIND for their high level of commitment in the support of disabled children and teenagers, and are delighted to be a member of this support association.

You can find more information on rehakIND on www.rehakind.com.



# rehaKIND. Securing opportunities for all children.







#### schuchmann.co.uk