### 2015/2016 | WHEELCHAIRS FOR DAILY USE AND SPORT - FOR CHILDREN, YOUNG PEOPLE AND ADULTS

















### **MOBILITY MADE SIMPLE!**

### Dear Readers,

With our »mobility made simple« brand slogan, as an innovative manufacturer of wheelchairs, handbikes, traction and steering attachments, we promise you the greatest flexibility and quality of life. We are constantly working to provide maximum customisation and mobility for our customers from modifications via development to manufacturing.

With this goal in mind, development of the range of Ergo wheelchairs has been continued and expanded. We have also included new options for our wheelchairs in the range, such as the carbon clothing guard and the curve handrims. In the range for children, the new LITTY 4all is being introduced with its numerous adjustment options.

But we don't want to give away too much in advance. We are delighted to be able to present our new wheelchair catalogue and wish you lots of pleasure when browsing through it.

Warmest greetings,

Jörg Sättele

J. SMeh

**Managing Director** 

**Andreas Sättele** 

**Managing Director** 

### **TABLE OF CONTENTS**

### Some key information:

- All of our products are »Made in Germany«
- Each year we process over 100 tons of aluminium
- The wheelchair that had to travel the furthest distance to its owner was on its way for 9,530 km (Chiba, Japan)
- In 2014, rehab division revenue increased by 11 %
- In 2014 five new jobs were created at the Dotternhausen location

<b>ABOUT US</b> 4	LITTY 4ALL & 4YOU	26
RIGID FRAME WHEELCHAIRS 6	BUDDY	28
OVERVIEW 6	SPEEDY 4TEEN	3(
SPEEDY 4ALL & 4YOU 8		
SPEEDY 4ALL & 4YOU ERGO SERIES 10	SPORTS WHEELCHAIRS	32
SPEEDY A1 & A2	OVERVIEW	3.
SPEEDY F4 & F2 14	SPEEDY 4BASKET	34
LIFT MECHANICAL/ELECTRIC 16	SPEEDY 4TENNIS	3(
	SPEEDY 4BADMINTON	38
<b>FOLDING FRAME WHEELCHAIRS</b> 18		
OVERVIEW	OPTIONS	4(
TRAVELER	BACK SYSTEMS	4(
TRAVELER 4ALL & 4YOU ERGO SERIES 22	SEAT SYSTEMS	4
	SINGLE-HAND DRIVE	4
CHILDREN & YOUNG PEOPLE'S	OTHER OPTIONS	4
<b>WHEELCHAIRS</b>	SAFETY & CRASH TESTS	4(
OVERVIEW	COLOURS	4

### YOUR CONTACT AT PRO ACTIV



### www.proactiv-gmbh.com

You can find out everything about us, our products, news and much more on the internet.



### Telephone +49 (0) 7427 9480-0

Your direct line to us. We are happy to answer all of your questions. Normal working hours 8:00 am to 5:30 pm (Fridays 8:00 am to 4:00 pm).



### In person locally

You can obtain information about our innovations and products and of course test them at trade fairs and events throughout Europe! You will find our trade fair and event calendar at www.proactiv-gmbh.com/ trade\_fair\_event\_calendar



The recipe for the success of our products: enthusiastic employees and personal consultation, ...

# WE STAND FOR »MOBILITY MADE SIMPLE« AND OFFER YOU:

- high-quality & long-lasting products
- customer focus and creation of individuality
- innovations
- good service & individual advice





Our aim is to develop and produce top-quality products to guarantee maximum mobility in your everyday life.

Achieving this aim is the daily challenge of each of our employees at PRO ACTIV.

### **ABOUT US**



...continuous 3D CAD processes...



...to CNC bending technology, ...



...a clear drive for perfection...



...with specialist personnel in assembly and trained eyes in quality control.

# High manufacturing depth for your individuality

PRO ACTIV has a manufacturing depth of over 70% at the Dotternhausen location (Germany). Almost all parts of our products are manufactured in our own facility. This produces the competence to be able to implement your special requirements in detail.

## Our wheelchairs are innovative and top quality

From the design via production to assembly, even when processing purchased parts, we ensure the highest quality and precision. In order to offer you the best solutions, our designers work closely with wheelchair users, therapists and specialist dealers. Each individual wheelchair is subject to strict quality controls. Regular checks according to quality standards DIN 9001 and DIN 13485 are a matter of course.



More details from Www.proactiv-gmbh.com







	SPEEDY 4all   from p. 8	SPEEDY 4you   from p. 8	SPEEDY 4all Ergo   from p. 10
Features	<ul><li>Seat height and centre of gravity adjustment</li><li>Large selection of options</li></ul>	<ul> <li>Seat height and centre of gravity adjustment</li> <li>Large selection of options</li> <li>Individual frame geometry</li> </ul>	<ul><li>Seat height and centre of gravity adjustment</li><li>Frame geometry with a seat fold</li></ul>
Seat width	30 – 52 cm	30 – 52 cm	30 – 52 cm
Seat depth	36 – 48 cm	36 – 54 cm	36 – 48 cm
Back height	20 – 48 cm	20 – 48 cm	20 – 48 cm
Seat height back (24" drive wheel)	39 – 47 cm	39 – 47 cm	39 – 47 cm
Seat height front (5" caster wheel)	44 – 52 cm	42 – 54 cm	44 – 52 cm
Angle of backrest adjustable and can be folded down, without needing any tools	7 times in 5° steps	7 times in 5° steps	7 times in 5° steps
Ergonomic back shell	optional, made-to-measure	optional, made-to-measure	optional, made-to-measure
Ergo Back backrest bar	optional, made-to-measure with and without lordosis support	optional, made-to-measure with and without lordosis support	optional, made-to-measure with and without lordosis support
Integral parking brake	-	-	optional
Single-hand drive	optional, with 2° camber	optional, with 2° camber	optional, with 2° camber
Attachment e-fix / e-motion / Twion	optional	optional	optional
Load capacity standard	up to 120 kg	up to 120 kg	up to 120 kg
Load capacity heavy duty version <sup>1</sup>	up to 180 kg	up to 220 kg	-

### **RIGID FRAME WHEELCHAIRS OVERVIEW**









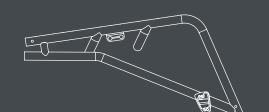
	<b>O</b>			- C	9
SPEEDY 4you Ergo   from p. 10	SPEEDY A1   from p. 12	SPEEDY A2   from p. 12	SPEEDY F4   from p. 14	SPEEDY F2   from p. 14	LIFT/LIFT EL.   from p. 16
Seat height and centre of gravity adjustment	Seat height and centre of gravity adjustment	Seat height and centre of gravity adjustment	■ No adjustment options, axle fixed and welded in place	■ No adjustment options, axle fixed and welded in place	<ul><li>Centre of gravity adjustment</li><li>Seat height adjustment</li></ul>
■ Individual frame geometry with a seat fold	<ul><li>Extremely stable frame geometry for special demands</li></ul>	<ul><li>Optimal frame geometry suitable for use with stair climbing devices</li></ul>	■ High level of stability and low weight	<ul><li>High level of stability and low weight</li><li>Individual frame geometry</li></ul>	mechanical or electric
30 – 52 cm	30 – 50 cm	36 – 50 cm	30 – 46 cm	from 31 cm	35 – 46 cm
36 – 54 cm	36 – 48 cm	36 – 48 cm	36 – 48 cm	31 – 48 cm	35 – 48 cm
20 – 48 cm	20 – 48 cm	20 – 48 cm	20 – 48 cm	20 – 48 cm	20 – 48 cm
39 – 47 cm	37 – 45 cm	37 – 45 cm	from 36 cm	from 36 cm	approx. 45 cm
42 – 54 cm	44 – 54 cm	44 – 54 cm	44 – 54 cm	from 40 cm	approx. 50 cm
7 times in 5° steps	7 times in 5° steps	7 times in 5° steps	optional, 7 times in 5° steps	optional, 7 times in 5° steps	7 times in 5° steps
optional, made-to-measure	optional, made-to-measure	optional, made-to-measure	optional, made-to-measure	optional, made-to-measure	optional, made-to-measure
optional, made-to-measure with	optional, made-to-measure with	optional, made-to-measure with	optional, made-to-measure with	optional, made-to-measure with	optional, made-to-measure with
and without lordosis support	and without lordosis support	and without lordosis support	and without lordosis support	and without lordosis support	and without lordosis support
optional	-	-	-	optional, after indiv. assessment	-
optional, with 2° camber	optionally with 1°, 4°, 6°, 10°	optionally with 1°, 4°, 6°, 10°	_	_	_
	or 12° camber	or 12° camber			
optional	optional	optional	optional	optional	optional
up to 120 kg	up to 120 kg	up to 120 kg	up to 120 kg	up to 120 kg	up to 120 kg
-	over 250 kg possible	up to 150 kg	up to 180 kg	up to 180 kg	up to 140 kg

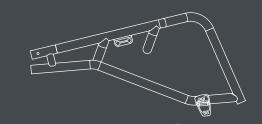
All dimensions are available in 1 cm steps. Individual measurements or load capacities available on request.

<sup>&</sup>lt;sup>1</sup> Individual frame with reinforcement.



# **& 4YOU**







By equipping the chair with single-hand drive (as an option), both handrims can be operated on one side. In addition to that, you can choose to have the knee lever brake with single-hand operation (see p. 42 and 43).



With our heavy duty equipment, the SPEEDY is designed for extreme loads, such as a user weighing up to 220 kg.

The active rigid frame wheelchairs SPEEDY 4all & 4you combine technical and sporty looks with sophisticated functional elements and adjustment options. With the wide range of options and accessories available, as well as the integrated centre of gravity and height adjustment in 1 cm steps, the SPEEDY 4all & 4you wheelchairs are well suited for all lifestyles.

Due to their excellent stability, the SPEEDY 4all & 4you wheelchairs can be combined with all PRO ACTIV adaptive bikes, traction and steering attachments. The 7-step adjustable backrest is ideal for this use. This option allows an optimal ergonomic backrest position to be selected for all adaptation situations.

The difference between the SPEEDY 4all & 4you wheelchairs is the option of individual frame design:

■ With the SPEEDY 4all, 7 frame parameters can be freely selected.

■ With the SPEEDY 4you, 13 frame parameters can be freely selected, such as the front frame angle, frame retraction, lower leg width top and bottom. Every frame is unique and individually made for its user.

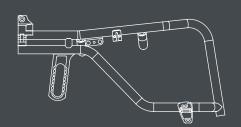


- Adjustable angle of seat using wheel plates, caster forks & caster wheels
- ✓ Seat fold for automatic seat angle of 3 cm
- ✓ 7-step angle adjustment and folding backrest

- Option: Removable wheelbase extension
- Option: Single-hand drive for drivers using one
- X Heavy duty version not possible

**Photo: Timo Wetz** 

# **& 4YOU**



Tan Caglar (model, actor, seminar leader on the subject of »Inclusion« and world record holder): »My SPEEDY 4you is my personal everyday all-rounder!«





The wintegral parking brake« (optional) is userfriendly. When the brake is off, it is swivelled completely underneath the frame so that space is created for finger and hand movement. Based on the natural anatomy of the hand, the ergonomically optimised shape of the profile of the »Curve« handrim (optional) allows a controlled grip and stabilises the wrist.

The active rigid frame wheelchairs SPEEDY 4all & 4you in the Ergo series feature a sophisticated frame geometry with an ergonomic seat fold. Due to the minimised frame geometry with a narrow side section, easy to fold backrest, and being able to remove assemblies without tools, the SPEEDY 4all & 4you wheelchairs in the Ergo series are ideal for independent loading.

The greater stability of the frame provides adapting the wheelchair with an adaptive bike or traction device. The backrest with 7-step angle adjustment offers flexibility for both the seating position and adapting the angle of the backrest when driving with an adaptive bike or traction device.

The difference between the SPEEDY 4all & 4you wheelchairs in the Ergo series is the option of individual frame design:

■ With the SPEEDY 4all, 7 frame parameters can be freely selected.

■ With the SPEEDY 4you, 13 frame parameters can be freely selected, such as the front frame angle, frame retraction, lower leg width top and bottom. Every frame is unique and individually made for its user.















»Footrest which can be folded up towards the back«: In a folded up position, this footrest (optional) offers a great deal of foot room when transferring into or out of the wheelchair or when getting in or out. Folding down the backrest and the ease with which assemblies can be removed without tools allow small packaging dimensions.



Thanks to its frame structure which is designed for extreme loads, the simple setting options for seat height and centre of gravity, the SPEEDY A1 & A2 models offer maximum mobility in everyday life.

#### **SPEEDY A1**

The design of the frame geometry and suspension of the SPEEDY A1 allows it to be used for extreme loads, such as a user weighing 200 kg and more, or for attaching drives. Individual frame dimensions can be optimally manufactured for tall people (2 m and above). For users with hemiplegia or plexus problems, a highly manoeuvrable single-hand drive can be mounted up to a camber of 12°.

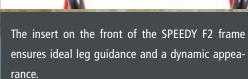
#### **SPEEDY A2**

The frame structure of the SPEEDY A2 is specifically designed for attaching stair climbers, such as the scalamobil (Ulrich Alber GmbH) and the S-MAX (AAT Alber Antriebstechnik GmbH). These can be attached to wheelchairs with seating widths of 36 cm and above without having a significant influence on the driving characteristics and total weight of the wheelchair.

# SPEEDY F4 & F2



NEW



Low weight, sporty, carbon clothing guard (optional). You can reduce the effects of cold weather on the outsides of your thighs due to the insulating properties of carbon.

- Fixed, welded axle, extremely light frame (no adjustment options)
- Adjustable angle of seat using caster forks
   & caster wheels
- Seat fold cannot be selected; if large angles of the seat are ordered, it is automatically integrated into the construction
- Option: 7-step angle adjustment and folding backrest

- Can be used with adaptive bikes and traction devices:
  - Option: Wheelbase extension fixed, welded or removable
- X Single-hand drive not possible
- Option: Particularly stable, heavy duty design for a user weight of more than 120 kg



The SPEEDY F4 and F2 are also suitable for different types of sport, such as wheelchair dancing and wheelchair table-tennis. Marcus Sieger (right, vice world champion in wheelchair table-tennis 2014, Peking) uses a SPEEDY F4 with special options and conversions for his table-tennis sport. Nawid Reinermann (left, Calisthenics- & Crossfit top athlete) not only uses his SPEEDY F2 in daily life, but also for his sport.



»Ergo Back backrest with back padding« (optional): The backrest with a surrounding bar offers optical design options and ensures high stability for the backrest.



The fixed, welded wheelbase extension (option with SPEEDY F2) forms a rigid unit with the wheelchair and is particularly light. You can also choose a removable wheelbase extension.



The difference between the SPEEDY F4 & F2 wheelchairs is the option of individual frame design:

- With the SPEEDY F4, 7 frame parameters can be freely selected.
- With the SPEEDY F2, 14 frame parameters can be freely selected, such as the front frame angle, frame retraction, lower

leg width top and bottom. Every frame is unique and individually made for its user. With the SPEEDY F2, there is the option of bending the complete seat unit out of an aluminium tube to suit individual dimensions. This makes great weight savings and provides a rigid seat and back unit without any play in it.





When combined with the e-fix drive made by Ulrich Alber GmbH, the LIFT EL. Is another light alternative to an electric wheelchair.



LIFT electric: The user reaches the desired work height and new action areas at the push of a button.



The »Swing away footrest« (optional) can also be swivelled outwards and removed meaning the frame ends at the front tension edge providing plenty of space for transfer.



The LIFT is a revolution in both professional and everyday life: Continuous seat height adjustment instantly opens up new scope for action. Flexible options in the most varied of professions and the possibility of using conventional furniture and kitchen furnishings make the LIFT an indispensable support tool. During the day, in the office, you can always get to the folders on the top shelf, and at night the LIFT helps you to enjoy a drink at the

bar, at eye-level with your dialogue partner. As an employee and wheelchair user, you can be assigned flexibly to various workstations, machines and attachments. With the seat height adjustment, you can easily operate printers and copiers. Wall units and top shelves in the office or at home are accessible. Conversion measures are often no longer necessary.

#### LIFT manual/mechanical

The desired work height is set with the user-friendly, manual and continuous adjustment of the seat height using gas pressure springs. With only a little muscle power, the seat is lifted upwards by up to 30 cm.

#### LIFT electric

In the event of limited arm or finger function, the same LIFT construction is also available with an electric lift function. The user reaches the desired work height at the push of a button. It is also possible to upgrade the manual LIFT with an electrical seat height adjustment. So if the disability advances, it can be altered repeatedly at low-cost.



# FOLDING FRAME WHEELCHAIRS OVERVIEW







	TRAVELER   from p. 20	TRAVELER 4all Ergo   from p. 22	TRAVELER 4you Ergo   from p. 22
Features	■ Seat height and centre of gravity adjustment	■ Seat height and centre of gravity adjustment	■ Seat height and centre of gravity adjustment
	■ Large selection of options	■ Frame geometry with seat fold	■ Individual frame geometry with seat fold
Seat width	33 – 52 cm	33 – 52 cm	33 – 48 cm
Seat depth	36 – 48 cm	36 – 48 cm	36 – 48 cm
Back height	20 – 48 cm	20 – 48 cm	20 – 48 cm
Seat height back (24" drive wheel)	37 – 43 cm	39 – 45 cm	40 – 47 cm
Seat height front (5" caster wheel)	44 – 52 cm	44 – 52 cm	42 – 52 cm
Angle of backrest adjustable and	7 times in 5° steps	7 times in 5° steps	7 times in 5° steps
can be folded down, without needing any tools			
Ergonomic back shell	optional, made-to-measure, removable	optional, made-to-measure, removable	optional, made-to-measure, removable
Integral parking brake	-	optional	optional
Single-hand drive	optional, up to 12° camber, can still be		_
	folded due to removable cardan shaft		
Attachment e-fix / e-motion / Twion	optional	only e-motion	only e-motion
Load capacity standard	up to 120 kg	up to 120 kg	up to 120 kg
Load capacity heavy duty version <sup>1</sup>	up to 150 kg, optional up to 180 kg	-	-

All dimensions are available in 1 cm steps. Individual measurements or load capacities available on request.



More details from www.proactiv-gmbh.com

<sup>&</sup>lt;sup>1</sup> Individual frame with reinforcement.

# **TRAVELER**





The by far smallest packing size from  $17 \times 35 \times 58$  cm!

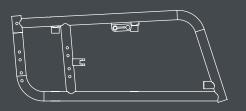


Folding inwards can reduce the seating width by about 15 % (approx. 5 - 10 cm). In a tight squeeze this 15% can be key!

- ✔ Folding inwards possible sitting in wheelchair
- ✓ Packing size from 17 cm x 35 cm x 58 cm
- ✓ Integrated centre of gravity and seat height adjustment using wheel plates
- Adjustable angle of seat using wheel plates, caster forks & caster wheels
- X No seat fold possible

- ✓ 7-step angle adjustment and folding backrest
- Can be used with adaptive bikes and traction devices;
  - Option: Extended wheel plate to extend the wheelbase
- Option: Single-hand drive for drivers using one
- ✓ Option: Particularly stable, heavy duty design for a user weight of more than 120 kg

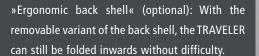
Timo Wetz travelling through the Tuscany (Photo: Hanna Wetz)





The »PRO ACTIV, Faltrollstuhl Traveler — Komplett zerlegen« video on youtube.com shows the complete disassembly for transport and quick assembly of the TRAVELER.







The TRAVELER is by far the most torsion-resistant folding wheelchair. It can also be combined with traction devices and adaptive bikes.



The TRAVELER offers flexibility in daily use and minimal transport size when travelling.

You can load the wheelchair into the car and unload it again yourself, offering a high level of independence. Completely folded, it even fits into a sports bag. Furthermore, when travelling by plane, you can transport this mini wheelchair as hand luggage!

The TRAVELER folding wheelchair is an active wheelchair offering maximum mobility. With its extremely torsion-resistant and reliable folding mechanics, the TRAVELER combines the handling characteristics of a rigid frame with the advantages of a folding wheelchair. Apart from that, you can start folding the TRAVELER while seated due to its innovative folding mechanism which means that many tight spots can be managed without any problems.



Daniela Keller in the park of lakes in Pfullingen, Germany (Photo: Timo Wetz)

- ✓ Folding inwards possible sitting in wheelchair
- ✓ Packing size from 17 cm x 35 cm x 58 cm
- Integrated centre of gravity and seat height adjustment using wheel plates and adjustable folding mechanism middle section
- Adjustable angle of seat using wheel plates, caster forks & caster wheels

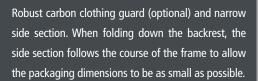
- ✓ Seat fold for automatic seat angle of 3 cm
- ✓ 7-step angle adjustment and folding backrest
- Can be used with adaptive bikes and traction devices;
  - Option: Removable wheelbase extension
- **✗** Single-hand drive not possible
- X Heavy duty version not possible

# & 4YOU B



»For me, the TRAVELER is an all-purpose chair - regardless of whether at my desk, in town or offroad, when dancing, biking or driven electrically. The stability and small packaging dimensions are particularly practical - whether in the car, train or aeroplane - that is real mobility as far as I am concerned.« (Klaus D. Herzog, »Foreign Minister« of DRS RolliKids, spin doctor, mobility trainer and exercise instructor)







The integrated centre of gravity and seat height adjustment in 1 cm steps as well as the adjustable folding mechanism provide flexibility and can be adjusted to suit the user's needs.



The TRAVELER 4all & 4you active folding wheelchairs in the Ergo series offer you maximum mobility. The small packaging dimensions from 17 cm x 35 cm x 58 cm allow the wheelchair to be carried in a sports bag and make it easy to load. With the extremely torsion-resistant and reliable folding mechanism, the TRAVELER wheelchairs combine the handling characteristics of a rigid frame with the advantages of a folding wheelchair.

Folding inwards can reduce the seating width by about 15% (approx. 5 - 10 cm).

The greater stability of the frame provides adapting the wheelchair with an adaptive bike or traction device. The backrest with 7-step angle adjustment offers flexibility for both the seating position and adapting the angle of the backrest when driving with an adaptive bike or traction device. The TRAVELER 4all & 4you active folding wheelchairs in the Ergo series feature a sophisticated frame geometry with an ergonomic seat fold and are distinguished by the options for individual frame design:

- With the TRAVELER 4all, 7 frame parameters can be freely selected.
- With the TRAVELER 4you, 12 frame parameters can be freely selected, such as the front frame angle, frame retraction, and position of the caster wheel bearing block. Every frame is unique and individually made for its user.



### CHILDREN & YOUNG PEOPLE'S WHEELCHAIRS **OVERVIEW**





			6	<u> </u>
7	4	Ž.		
L	K	-	V	
		9	-	

# Questions? Call +49 (0) 7427 9480-0

### LITTY 4you | from p. 26

- Wheelchair for infants and children
- Very light
- Individual frame geometry

16 – 38 cm

18 – 38 cm

20 - 45 cm

31 - 42 cm

40 - 47 cm

20", 22", 24"

✓ via position of seat plate in clothing quard

✓ made-to-measure

50 kg

**BUDDY D3** | from p. 28

■ Children & young person's wheelchair without

■ Wide range of accessories & adjustment options

18 - 38 cm

17 - 43 cm

20 - 48 cm

31 – 45 cm

40 - 50 cm

20", 22", 24"

X

✓ via wheel plate

✓ optional, 7 times in 5° steps

✓ optional, made-to-measure

✓ optional, made-to-measure with and without lordosis support

optional, with 1°, 4°, 6°, 10° or 12° camber

✓ up to 50 kg user load capacity 100 kg

**BUDDY D4** | from p. 28

■ Children & young person's wheelchair with

■ Wide range of accessories & adjustment options

18 – 38 cm

19 – 40 cm

20 - 48 cm

31 - 42 cm

40 - 47 cm

20", 22", 24"

X

✓ via wheel plate

✓ optional, 7 times in 5° steps

✓ optional, made-to-measure

✓ optional, made-to-measure with and without lordosis support

optional, with 1°, 4°, 6°, 10° or 12° camber

✓ up to 50 kg user load capacity

100 kg

SPEEDY 4teen | from p. 30

■ Young person's wheelchair with sporty design

■ Stable frame

■ Wide range of accessories & adjustment options

26 – 38 cm

31 - 48 cm

20 - 48 cm

36 - 47 cm

40 - 50 cm

24", 26"

X

✓ via wheel plate

✓ optional, 7 times in 5° steps

✓ optional, made-to-measure

✓ optional, made-to-measure with and without lordosis support

✓ optional, with 2° camber

1

100 kg



# **& 4YOU**

4

»The new LITTY by PRO ACTIV is a smart chair - especially for small and slim children. The open frame concept and integrated seating unit make it a lighter than comparable »classic« wheelchair.

The LITTY 4you can be easily adjusted and positioned despite the individual alignment.« (Test report LITTY 4you, Magazine »B-Kids« 4/2011)



The angle of the height adjustable »central push handle with a folding handle section« (optional) can be adjusted in the handle section using a serrated joint and can also be folded down completely.



The brake lever can be accessed directly by the child. The clothing guard follows the wheel arch at a uniform distance.



The LITTY 4all and 4you children's wheelchairs will impress you with their frame geometry which is optimal for children. Its low total weight starting at 6.7 kg and its optimal easy running characteristics also make the LITTY an ideal companion for children with little arm power.

The brake operation in the clothing guard is within an ergonomically ideal gripping area for the child. The braking bolt is attached under the centre of the drive wheel far out of reach. The footrest offers a large setting and positioning range as a result of its design.

As it grows with its user, the LITTY will accompany the child for many years.

The options for individual frame design are what make a difference between the LITTY 4all & 4you wheelchairs, as does the adjustment of the seat position:

- With the LITTY 4all, 9 frame parameters can be freely selected. Here, the seat width starts at 18 cm.

  The seat position or the position of the seat plate is adjusted in the clothing guard using the given grid. Here, there are significantly more adjustment options than with the LITTY 4you.
- With the LITTY 4you, 10 frame parameters can be freely selected with significantly larger dimension ranges than with the LITTY 4all. Here, the seat width starts at just 16 cm. The seat position or rather the position of the seat plate can be adjusted in the clothing guard using eccentric discs. The clothing guard is individually manufactured for every LITTY 4you with an optimal adjustment range for the seat plate.



- adjustment using wheel plates
- ✓ Option: 7-step angle adjustment and folding backrest
- ✓ Knee lever brake on the top frame tube (also available with a long brake lever)
- ✓ Can be used with adaptive bikes and traction
  - Option: Extended wheel plate to extend the wheelbase
- ✔ Option: Single-hand drive for drivers using one



Folding down the angle adjustable backrest (optional) and the ease with which assemblies can be removed without tools allow small packaging dimensions.



Simply by adding in the push bar, outdoor caster or the SPIKE adaptive bike, the BUDDY becomes an off-road vehicle for tarmac, gravel or tracks.



Thanks to its special design, the width of the BUDDY children's and young people's wheelchair can be adjusted so it grows with its user, making it a reliable companion for many years.

Equipped with the simple seat height adjustment in 1cm steps and the continuous adjustment of the centre of gravity, this wheelchair adjusts to the growing requirements of its user. Thanks to its robust construction and low weight, the BUDDY makes an ideal companion for all sorts of adventures. This way children can discover the world on their own and there is nothing to prevent them from taking part in boisterous children's games.

The BUDDY is available with extensive accessories and can thus be upgraded to suit any everyday

life situation. Combined with various adaptations such as the FREEWAY steering attachment or the SPIKE adaptive bike, new action areas can be explored.





Our adaptive bikes and traction devices are found in our »Handbikes, traction and steering devices « product catalogue, which you can order on +49 (0) 7427 9480-0 via info@proactiv-gmbh.de or it can be downloaded from www.proactiv-gmbh.com



The SPEEDY 4teen can be perfectly combined with adaptive bikes and traction devices.



The wheelbase extension, which can be removed with one handle, provides better traction when using bikes and traction devices.



Its tried and tested growth function makes the SPEEDY 4teen wheelchair for young people a companion for many years.

Despite its load capacity of 100 kg, the total weight of the SPEEDY 4teen starts at only 9.2 kg, due to targeted weight optimisation. Equipped with the simple seat height and centre of gravity adjustment in 1 cm steps, this wheelchair adjusts

to the growing requirements of its user. Its distinct frame design and high-quality finishing give the wheelchair for young people a sporty appearance and small packing size.

Combined with various adaptations such as the FREEWAY steering attachment or the SPIKE adaptive bike, new action areas can be explored.



### SPORTS WHEELCHAIRS **OVERVIEW**









### SPEEDY 4basket | from p. 34

eatures	■ Basketball wheelchair
	■ Robust and fixed, welded frame
	with individual frame geometry
	Can be equipped for all positions

man man man geometry
■ Can be equipped for all positions of play
12°, 15°, 18°, 20°
optional, made-to-measure
optional, made-to-measure with and without
lordosis support
optional, with 1°, 4°, 6°, 10° or 12° camber
up to 120 kg

### SPEEDY 4tennis | from p. 36

■ Tennis wheelchair

Tellilis Wileciciali
Robust and fixed, welded frame
with individual frame geometry

■ Large selection of options

3
12°, 15°, 18°, 20°
optional, made-to-measure
optional, made-to-measure with and without
lordosis support
optional, with 1°, 4°, 6°, 10° or 12° camber
up to 120 kg
up to 150 kg

### **SPEEDY 4badminton** | from p. 38

Radminton	whaa	lchair

- Robust and fixed, welded frame with individual frame geometry

Large selection of options
12°, 15°, 18°, 20°
optional, made-to-measure
optional, made-to-measure with and without
lordosis support
optional, with 1°, 4°, 6°, 10° or 12° camber
up to 120 kg
up to 150 kg

### Our sports wheelchairs - the following dimensions can be individually selected:

Wheel camber

Ergonomic back shell Ergo Back backrest bar

Single-hand drive

Load capacity standard

Load capacity heavy duty version<sup>1</sup>

- Seat width
- Seat depth
- Back height
- Lower leg length
- Seat height back
- Seat height front
- Centre of gravity
- Start of frame retraction

- Frame length to the front frame bend
- Front frame angle

up to 150 kg

- Lower leg length top and bottom
- Position of the anti-tipping support bearing block
- Position of the caster wheel bearing block
- Distance between caster wheel bearing blocks

**Every sports wheelchair is unique!** 

Questions? Call +49 (0) 7427 9480-0



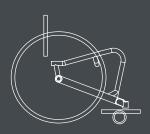
All dimensions are available in 1 cm steps. Individual measurements or load capacities available on request.

<sup>1</sup> Individual frame with reinforcement.



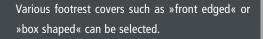












Depending on the playing position and personal requirements, there is a choice between central anti-tipping support or anti-tipping supports attached on both sides for an absolutely secure position in tough team sports.



Its special construction and unpretentious design combine easy turning and good responsiveness, acceleration and a high running speed with a modern design. This sports device can be individually equipped to meet the requirements of both playing position and player. There is also the option

of bending the complete seat unit out of an aluminium tube to suit individual dimensions. This leads to enormous weight savings. The rigid seat and back unit has absolutely no play in it, so that the wheelchair immediately follows and reacts directly to every movement of the body.











»SPEEDY 4tennis: a light, manoeuvrable chair with perfect handling and ride - I can't image a better piece of sports equipment!« (Sabine Ellerbrock)





The tennis frame of the SPEEDY 4tennis offers an optimal degree of freedom to play, as the lower frame tubes at the front are flush with the caster wheel bearing block.

With 15 freely selectable frame parameters, the SPEEDY 4tennis can be adapted perfectly to its user. This wheelchair's design featuring highstrength oversized tubes guarantees excellent torsion resistance and direct responsiveness, without compromising the static stability.

The height of the anti-tipping support can be easily adjusted in a single move to suit the condition of the field and playing habits.

There is the option of bending the complete seat unit out of an aluminium tube to suit individual

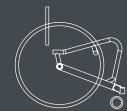
dimensions. This leads to enormous weight savings.

The rigid seat and back unit has absolutely no play
in it, so that the wheelchair immediately follows
and reacts directly to every movement of the body.









Marcel Hörenbaum (top athlete in wheelchair badminton) about his sports equipment: »The SPEEDY 4badminton is a first class piece of sports equipment and is a joy to ride! «



The anti-tipping supports which are extended far to the rear ensure absolute stability.



The optional outward form of the backrest offers additional side stability.



With its protruding anti-tipping supports, the badminton frame of the SPEEDY 4badminton allows extremely aggressive positioning of the rear axle tube.

Two anti-tipping supports stretching extended far to the rear and a wide wheelbase of the caster wheels ensure absolute static stability. Combined with a large camber, this ensures that the wheelchair has superb manoeuvrability and optimal acceleration characteristics. Ultimately this is the secret of success for every badminton player!

With 15 freely selectable framework parameters the SPEEDY 4badminton can be adapted perfectly to its user.

There is the option of bending the complete seat unit out of an aluminium tube to suit individual dimensions. This leads to enormous weight savings. The rigid seat and back unit has absolutely no play in it, so that the wheelchair immediately follows and reacts directly to every movement of the body.

## **BACK SYSTEMS**

### **Back systems**









## **Ergonomic back shell**

Custom lasered and stable aluminium back shell with plenty of room for moving shoulders and arms. Custom adjustment of lordosis support using belts. 7-step angle adjustment and can be folded down with integrated aluminium side pieces. Low weight.

# Backrest with adjustable tension back and back padding

Back system which can be adjusted individually using belts to be optimised for the user's body contours. 7-step angle adjustment by the user in a single move with integrated aluminium side parts. Folding down the backrest completely means the packing size can be reduced significantly.

## »Ergo Back« backrest with back padding

Stable and customisable backrest with lordosis support. The back bar provides an attractive look without limiting the user's freedom of movement and provides the option of destressing the back by leaning back.

# »Ergo Back« backrest with back shell

Very stable and customisable backrest. The contour of the back bar is shaped towards the back, creating a soft transition between the back shell and the backrest bar. Leaning back comfortably to relief your back is possible as the backrest bar has a progressive supporting effect at the top. 7-step angle adjustment and can be folded down with integrated side pieces.



You can find more information on seat and back systems at www.proactiv-gmbh.com/wheelchair-seat-back-systems

## **Seat systems**









## Seat plate

Stable seat system without slack. Possible base for individual, anatomically shaped seat systems.

## »Body Contour« upholstery

Seat upholstery with suspension effect. Very breathable and absorbs impacts. The very robust fabric with double seams counteracts the »hammock« effect. Supports decubitus prophylaxis.

# Seat upholstery »Open belt system«

Pressure distribution adjustable via belts. Supports breathable cushion systems.

## **Seat cushion**

The standard seat cushion consists of a single-layer of high quality foam. Alternatively you can select the »Anti Decubitus« cushion. This relax foam cushion consists of a carrier foam for stability and a thermoelastic foam which optimally adjusts to the body shape when warm, providing the best possible pressure relief.

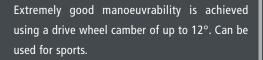


To move the wheelchair with only one arm due to a disability, the TRAVELER, SPEEDY A1, SPEEDY 4all & 4you (including Ergo series), SPEEDY 4teen and BUDDY can be equipped with a singlehand drive with a double handrim.

inner handrim with the opposite wheel. To go straight, both handrims are pushed together. You can turn on the spot by turning the handrims in opposite directions.





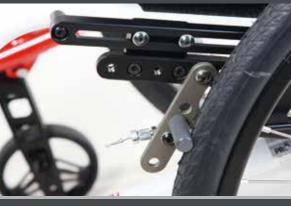




The drive wheels can be removed using a floating axle for simple handling. The drive side can be changed easily simply by rearranging the wheels.



»Knee lever brake with one-hand operation«: by activating the brake on one side ...



... the braking bolts are moved on both sides using a Bowden wire.







## **Components and accessories**







OTHER OPTIONS



#### **Caster forks**

The suspension fork with cross steering attachment provides suspension when overcoming barriers. Wheel races can be used to achieve optimal smooth running. The harder running characteristics are compensated by the elasticity of the wheel suspension and the wheel. This provides optimal ride comfort. Other caster forks at www.proactiv-gmbh.com

## **Caster wheels**

PRO ACTIV offers a variety of different caster wheels such as the stable 5" caster wheel with an aluminium rim. At www.proactiv-gmbh.com you can find an overview of all caster wheels on offer with reviews in various categories.

#### **Footrests**

Various footrests can be selected, such as the »footrest which can be folded up towards the back«. This footrest enables simple transfer and reduces the packing size. Other footrests at www.proactiv-gmbh.com

## **Pushing handles and bars**

PRO ACTIV offers various solutions for pushing attachments. The picture shows the »central push handle with a folding handle section« which distinguishes itself through its simple height and angle adjustment options as well as great freedom of movement for the wheelchair user. You can find additional push handles and bars at www.proactiv-gmbh.com



Our adaptive bikes and traction devices are found in our »Handbikes, traction and steering devices product catalogue, which you can order on +49 (0) 7427 9480-0 via info@proactiv-gmbh.de or can be downloaded from www.proactiv-gmbh.com









## **Anti-tipping devices**

PRO ACTIV offers suitable anti-tipping supports for every model of wheelchair which in a few easy steps can be moved to a passive position to overcome obstacles. In active position you reduce the danger of tipping over backwards. You will find more information on anti-tipping supports at www.proactiv-gmbh.com

## **Clothing guard**

PRO ACTIV offers stable and attractively shaped clothing guard models made of aluminium, GRP and carbon. The aluminium and carbon clothing guard offers a high level of flexibility for adapting it to the wheel arch (retrospectively as well), as slots are available for optimal adjustment. You will find more information at www.proactiv-gmbh.com

## **Brakes**

Knee lever brakes with various brake levers can be selected, for example with a long, folding or flared brake lever meaning that individual requirements can be taken into consideration. You will find additional brakes such as the integral parking brake or the brake for the accompanying person at www.proactiv-gmbh.com

## Drive wheel & Co.

As far as the drive wheels are concerned, you can choose from a wide range of rims (e.g. PRO ACTIV and Spinergy), tyres and handrims. You will find more information at www.proactiv-gmbh.com

## SAFETY & CRASH TESTS

#### **Crash tested**



The following wheelchair models are approved for vehicle transportation:

**✓** BUDDY

**✓** SPEEDY

✓ TRAVELER



Our products have been ISO 10542-tested in cooperation with an independent testing institute and using tested restraint systems.

Tests have shown that our wheelchairs comply with ISO 7176-19 specifications. The tested wheelchairs are approved for vehicle transportation in combination with a transport restraint system.

### **Transport restraint system**



The crash-tested wheelchairs are available with a factory-fitted transport restraint system and a front belt lock connection. A large selection of accessories for the transport restraint system can also be ordered, e.g. hip straps in various lengths, shoulder belts, retractors, headrest fixtures and padding.

#### For your safety!

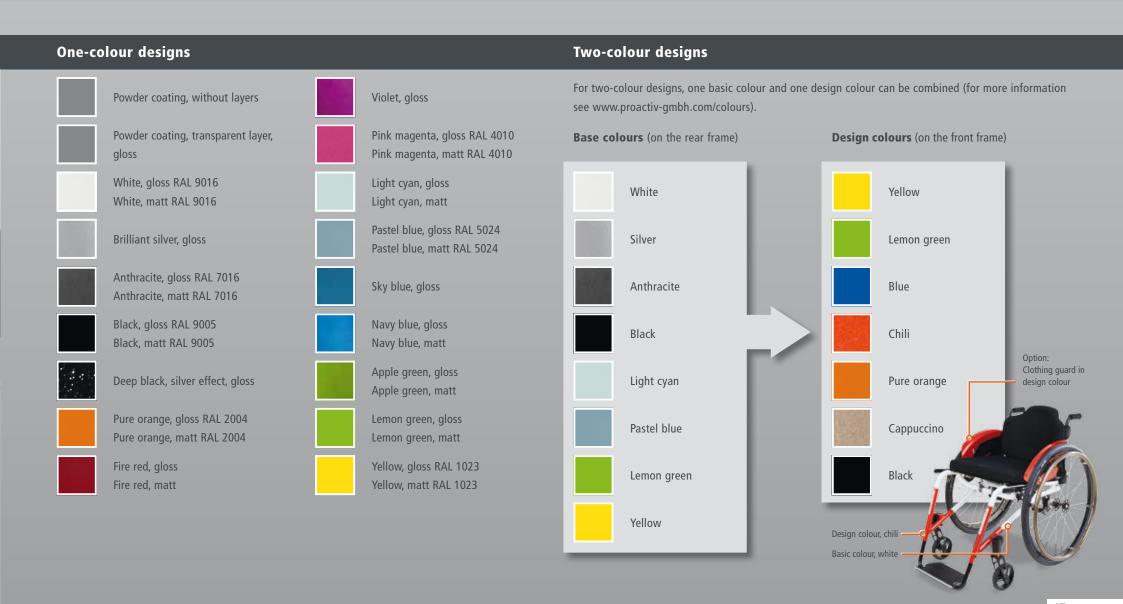
We would like you to enjoy your product for a long time. Our products are designed to suit all types of lifestyle while providing maximum mobility. This is why we test the stability of our products beyond the ISO standard. For us, this includes setting ourselves a standard with regards to test times and stresses which goes far beyond the requirements of the standard.

## **COLOURS**



Since we always want to offer current and fashionable colours this may also result in short-term changes to the colour selection.

Please refer to **www.proactiv-gmbh.com/colours** for the current range of offers. You can also view images of possible combinations here.





## www.proactiv-gmbh.com



Scan QR code directly with your mobile to learn more about our products.

## PRO ACTIV Reha-Technik GmbH

Im Hofstätt 11 D-72359 Dotternhausen Tel +49 (0) 7427 9480-0 Fax +49 (0) 7427 9480-7025 info@proactiv-gmbh.de



Your nearest PRO ACTIV specialist retailer:



Printed in Germany 08/2015. Subject to technical modifications and printing errors. Colour variances to the actual product colours are possible due to the printing technology used