WHEELCHAIRS

Built for Freedom



WOLTURNUS



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WHEELCHAIRS



W5-SERIES



TUKAN-SERIES



HAWK



DALTON-SERIES



MERLIN



A-RUN

STRONG ACTIVE RIGID WHEELCHAIR

W5

- Customised active rigid wheelchair
- Adapts to your requirements
- Rigid or adjustable rear axle, back and footrest
- Easy to handle and manoeuvre with minimum effort
- Crash tested
- Propulsion weight from 6,5 kg
- User weight max. 150 kg



▲ *W5 with fixed back and rear axle.*

1 FIXED OR ADJUSTABLE BACK
A fixed rear axle stabilises the wheelchair and makes it more robust yet lighter. An adjustable back makes it easy to get the chair in and out of a vehicle. The folding back is adjustable by angle.

2 ERGONOMIC SEAT
Adjustable seat and back upholstery ensures ergonomic, upright posture and freedom of movement.

3 FIXED OR ADJUSTABLE REAR AXLE
Fixed rear axle ensures strength, rigidity and less weight on the wheelchair. An adjustable rear axle optimises the balance point and enables different seating positions.


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Strong and stable for an active life

W5 is designed for an active life. This light, robust rigid wheelchair has the optimum strength-to-weight ratio and therefore makes optimum use of your energy.

W 5 is a customised model. It is made to fit your measurements and to meet your requirements. This model is available in both a fully welded and adjustable model.

The fully welded model has no moving parts and fully welded backrest and rear axle. It is extremely rigid and robust, which means that all your energy is harnessed for propulsion.

With the W5 adjustable model you can continually adapt the seating position and wheelchair set-up to suit your requirements and wishes. Adaptable features include a steplessly adjustable balance point; angle and height-adjustable back; and angle and height-adjustable footrests.



▲ *W5*



▼ *W5 with folding back and adjustable rear axle.*

WOLTURNUS

W5-Series

W5 S

- Fully welded or with various adjustment options
- Light and elegant with curved frame tubes
- User weight max. 150 kg
- Crash tested



W5 K

- Fully welded or with various adjustment options
- High mounted footrest shortens lower leg lenght
- User weight max. 150 kg
- Crash tested



W5 SL

- Fully welded or with various adjustment options
- Light frame with narrow frame tubes
- User weight max. 80 kg



W5 D

- Fully welded or with various adjustment options
- Foldable footrests
- User weight max. 150 kg
- Crash tested



W5 XXL

- Reinforced frame and rear wheels with pneumatic tires for heavy users
- Crash tested
- User weight max. 250 kg



W5 Junior

- For the active child
- Fully welded or with various adjustment options
- User weight max. 70 kg
- Crash tested



SPECIFICATIONS	W5	W5 SL	W5 S	W5 XXL	W5 K	W5 D	W5 SUSPENSION	W5 JUNIOR
MAX USER WEIGHT	150 KG	80 KG	150 KG	250 KG	150 KG	150 KG	150 KG	70 KG
PRODUCT WEIGHT	FROM 6,5 KG	FROM 6 KG	FROM 7 KG	FROM 12 KG	FROM 8 KG	FROM 9 KG	FROM 6,5 KG	FROM 5 KG
SEAT WIDTH	32 - 50 CM	32 - 40 CM	32 - 50 CM	48 - 72 CM	32 - 50 CM	32 - 50 CM	32 - 50 CM	16 - 40 CM
SEAT DEPTH	34 - 52 CM	34 - 52 CM	34 - 52 CM	39 - 55 CM	34 - 52 CM	34 - 52 CM	34 - 52 CM	16 - 40 CM
SEAT HEIGHT FRONT	36 - 55 CM	36 - 55 CM	36 - 55 CM	36 - 55 CM	36 - 55 CM	36 - 55 CM	36 - 55 CM	30 - 45 CM
SEAT HEIGHT REAR	36 - 55 CM	36 - 55 CM	36 - 55 CM	36 - 55 CM	36 - 55 CM	36 - 55 CM	36 - 55 CM	28 - 45 CM
BACK HEIGHT	25 - 46 CM	25 - 46 CM	25 - 46 CM	30 - 50 CM	25 - 46 CM	25 - 46 CM	25 - 46 CM	20 - 40 CM
SUITABLE FOR KIDS	YES	YES	YES	NO	YES	YES	YES	YES
ISO CRASH TESTED	YES	NO	YES	YES	YES	YES	NO	YES



ADJUSTABLE AIR SUSPENSION

W5 Suspension

- Fully welded rear axle
- Designed suspension with Wolturnus Pivot Point Kinematics (WPPK)
- Adjustable air suspension
- Fixed or adjustable backrest
- Maximum user weight: 150 kg



▲ ***W5 Suspension*** *is designed for the active user, who wants extra comfort.*

1 BOX FRAME
Closed box frame made of 7020 aluminium for optimal strength.

2 SIDE PARTS
Choose between carbon, dibond and aluminium side parts, with or without clothes guard.

3 REAR SUSPENSION
Adjustable, elegant rear suspension with the special Wolturnus Pivot Kinematics (WPPK) system. The suspension works like a four-bar linkage, with two kinetic links that allow the wheelchair to move independently in the vertical and horizontal directions

4 INDEPENDENT COMPRESSION & REBOUND
DebonAir+ is an air suspension system that maximises the potential for fine tuning. The damper offers precise air tuning options with both compression and rebound adjustability, allowing it to tackle a variety of obstacles and terrain. The Rockshox DebonAir+ is a spring/damper preferred for its capabilities regarding adjusting, but also for its simplicity when it comes to maintenance.


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Lightweight and robust - for an active life

W5 is designed for an active lifestyle. The robust and light-weight rigid wheelchair ensures the optimal balance between strength and weight, making the most efficient use of the user's energy.



The W5 Suspension is the latest model in the W5 series and, like all other W5 models, is custom-made.

What sets W5 Suspension apart is its design featuring an air-sprung rear axle with the Wolturnus Pivot Point Kinematics system (WPPK). This is designed to provide a smooth and comfortable ride experience.

The system uses a unique pivoting system which provides superior suspension and cushioning support for the user. The suspension works like a four-bar linkage, with two kinetic links that allow the wheelchair to move independently in the vertical and horizontal directions. This helps to reduce shock when travelling over rough terrain and also helps minimise fatigue for the user. The system also eliminates any potential wobbling as the wheelchair moves along.

Thus, this wheelchair is particularly suitable for active users who require ongoing adjustment of the seating position and smooth driving characteristics.The W5 Suspension can be particularly beneficial for wheelchair users with pain problems in the back, for example.

TECHNICAL DATA	W5 SUSPENSION
MAX USER WEIGHT	150 KG
PRODUCT WEIGHT	FROM 6,5 KG
SEAT WIDTH	32 - 50 CM
SEAT DEPTH	34 - 52 CM
SEAT HEIGHT FRONT	36 - 55 CM
SEAT HEIGHT REAR	36 - 55 CM
BACKREST HEIGHT	25 - 46 CM
CHILDREN & YOUTH	YES

RIGID WHEELCHAIR WITH OPEN FRAME

Tukan

- Active rigid wheelchair with open frame
- Available with fixed back or folding back
- Extremely high stability and low weight
- Propulsion weight from 9 kg
- User weight max. 120 kg



▲ ***Tukan A*** *With adjustable rear axle.*

1 SIDE PANELS
Choose either detachable or fixed side panels.

2 OPEN FRAME
The open frame allows an easy storage in a car.

3 BACK SYSTEM
Choose either fully welded back or folding back adjustable by angle and height.

4 ERGONOMIC SEAT
Adjustable seat and back upholstery ensures ergonomic, upright posture and pressure relief.


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Elegant and robust for an independent life

Tukan is a strong, rigid wheelchair with open frame that gives the wheelchair a light and elegant look.

The Tukan wheelchair is a strong and durable rigid wheelchair, with a very robust frame as well as an elegant look. The frame is made of aluminium 7020, which is the strongest aluminium alloy that can be welded.

The open frame makes the Tukan easy to clean and to stow in a small car. That makes the Tukan a perfect choice for users, who live an active, mobile and independent life.

The Tukan has a fully welded backrest and rear axle. This makes it preferably suitable for experienced customers, who know all about their specific requirements and needs.

The Tukan A comes with optional adjustability. This ensures a maximum flexibility regarding the individual adjustment of the seating posture. The rear axle as well as the folding back and the footrest can be adjusted continuously.



▲ ***Tukan*** *with Wing Back ILSA and fixed rear axle.*

5 WING BACK ILSA
A unique multi-adjustable back system which allows for stepless adjustment of the back in a matter of moments.

6A FIXED REAR AXLE
We offer a fixed rear axle which ensures strength, rigidity and less weight on the wheelchair.

6B ADJUSTABLE REAR AXLE
Optimise the balance point and try out different seating positions.







SPECIFICATIONS	TUKAN
MAX USER WEIGHT	120 KG
PROPULSION WEIGHT	FROM 9 KG
SEAT WIDTH	34 - 48 CM
SEAT DEPTH	36 - 50 CM
SEAT HEIGHT FRONT	36 - 50 CM
SEAT HEIGHT REAR	36 - 50 CM
BACK HEIGHT	25 - 46 CM
SUITABLE FOR KIDS	YES
ISO CRASH TESTED	NO

ULTRA LIGHTWEIGHT

Tukan Super Light

- Less than 4 kg (excluding wheels and cushion)
- Integrated Frame Protection (IFP)
- Open frame design
- Rigid and lightweight
- Maximum user weight: 80 kg



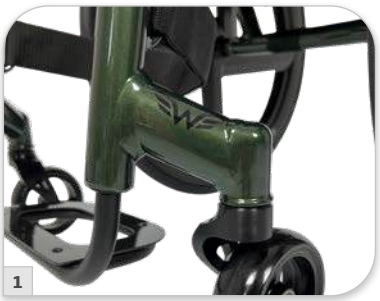
▲ ***Tukan Super Light*** *features an innovative design with an exceptionally lightweight frame and reinforced structure.*

1 7020 ALUMINUM
The wheelchair frame is constructed from 7020 aluminum, the strongest weldable aluminum alloy.

2 INTEGRATED FRAME PROTECTION (IFP)
A weight-optimized integrated frame protection system is welded into the front frame.

3 OPEN FRAME DESIGN
The open frame design enhances aesthetics and ergonomics, especially during transfers into a car seat.

4 WEIGHT OPTIMIZED UPHOLSTERY
The upholstery has been optimized for weight without compromising durability and adjustability. We have incorporated technology from ultra-light trekking equipment for this purpose.


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Ultra lightweight wheelchair



Introducing the Tukan Super Light Edition Open Frame Wheelchair: A Revolution in Mobility and Comfort

Our Tukan Super Light wheelchair design is centered around the concept of an open frame, offering not only an appealing aesthetic but also ergonomic benefits when it comes to seated biomechanics. Lifting the wheelchair in and out of a car is made easy by the lightweight construction. This innovative approach results in an ultra-light, open-frame chair that is meticulously tailored to each individual wheelchair user, while maintaining long-lasting durability.

We have also paid close attention to the upholstery, optimizing it for weight without compromising on durability, adjustability, or comfort. Drawing inspiration from the world of ultra-light trekking equipment, we have harnessed cutting-edge technology to create a product that truly stands out.

The ultra-light design significantly reduces the strain on the shoulder joints of wheelchair users, enhancing their overall comfort and mobility. We utilize 7020 aluminum, heat-treated to T6 specifications, ensuring top-notch quality throughout our products.

The Super Light Edition Open Frame Wheelchair represents a remarkable innovation, placing a strong emphasis on mobility, comfort, and independence. Its lightweight construction, advanced materials, and bespoke, user-friendly features make it the ideal choice for individuals seeking an active and fulfilling lifestyle.

TECHNICAL DATA	TUKAN SUPER LIGHT
MAX USER WEIGHT	80 KG
PRODUCT WEIGHT	FROM 3,8 KG
SEAT WIDTH	34 - 40 CM
SEAT DEPTH	36 - 50 CM
SEAT HEIGHT FRONT	36 - 50 CM
SEAT HEIGHT REAR	36 - 50 CM
BACKREST HEIGHT	22 - 46 CM
CHILDREN & YOUTH	YES



FULLY ADJUSTABLE RIGID WHEELCHAIR

Hawk

- Adjustable seat height and seat depth
- Folding back with adjustable back angle
- Colorful components
- Crash tested
- Weight from 7kg
- User weight max. 120 kg



1 WING BACK ILSA
A specially designed, patent pending, multiadjustable back rest system for individual modification of the sitting position.

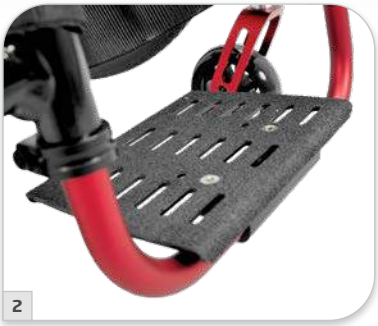
2 ADJUSTABLE FOOTPLATE
An ultralight and elegant footplate, with adjustable height and adjustable angle, as well as anti-slip coating.

3 FOLDING BACK
A specially designed folding back, which locks when folded. This makes it easy to get the chair in and out of a vehicle. The folding back is adjustable by angle.

4 COLORED COMPONENTS
Choose between 7 different component colors to "spice up" your front forks, sideguard poles, back brackets and footrest tubes.

5 ERGONOMIC SEAT
The rear part of the seat is flat and its front inclines. The seat stabilizes the pelvis towards an upright position and minimizes the risk of pressure ulcers.


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Compact and adjustable with colourfull components

The HAWK is a compact and sturdy wheelchair for active use. It comes with a solid frame, an ergonomic seat, an impressive drivability, and a vast number of customization options. It is adjustable to fit any wheelchair user's dreams and challenges.



The HAWK is made for all active wheelchair users (max. 120 kg) who need an adjustable wheelchair for daily use. It has features such as: An adjustable balance point, modifiable seat height and seat depth, flexible strap seat and flexible strap back. Furthermore, it has an adjustable back angle and adaptable back height. These seven features allow a continuous adjustment of the seating posture.

The HAWK is made for indoor and outdoor use, it is easy to disassemble and easy to transport in a car.

Each user is able to create a unique wheelchair by picking accessories and colours of his/her choice. It is possible to combine each of the three frame colours with different colours for components such as the front forks, sideguard poles, back brackets and footrest tubes. It is also possible to mount a Wing Back ILSA.

The HAWK is easy to order and adjusts intuitively. And above all, the HAWK has a short delivery time.

SPECIFICATIONS	HAWK
MAX USER WEIGHT	120 KG
PROPULSION WEIGHT	FROM 7 KG
SEAT WIDTH	35 - 50 CM
SEAT DEPTH	35 - 50 CM
SEAT HEIGHT FRONT	46 - 52 CM
SEAT HEIGHT REAR	39 - 48 CM
BACK HEIGHT	33 - 45 CM
SUITABLE FOR KIDS	YES
ISO CRASH TESTED	YES



RIGID WHEELCHAIR WITH MULTIFUNCTIONAL FOOTREST

Dalton

- Separate, flip-up foot plates that are angle and height-adjustable
- Angle and height-adjustable folding back (optional)
- Available with low seat height (Dalton L)
- Detachable or fixed side panels
- Crash tested
- Weight from 10 kg
- User weight max. 160 kg (250 kg)



1 FOOTREST
Separate, flip-up foot plates, which are angle and height-adjustable. The swingaway function allows an easy transfer.

2 ELEVATING FOOTREST
You can choose an elevating footrest on one or both sides.

3 BALANCE POINT
Choose an adjustable rear axle and back to constantly adjust the balance point.


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Functional and versatile

The Dalton is a rigid wheelchair for active users, who want a multi-adjustable and detachable footrest.

The Dalton is a rigid wheelchair with separate flip-up foot plates, which are adjustable in angle and height. It has swing-away, detachable leg supports which can be mounted or removed easily. This allows an easy and save transfer into and out of the wheelchair.

If it should be necessary to elevate the legs, it is possible to equip the Dalton with an elevating footrest on just one or both sides.

The Dalton is customized to suit the individual user's level of activity, size and strength. The traditional model can be used up to a max. user weight of 160 kg. For heavy users, the Dalton can be designed as an extra strong version, which allows a max. user weight of 250 kg. For users with max. 80 kg of body weight, Wolturnus offers a lighter alternative to the traditional Dalton version. The Dalton Light has slimmer frame tubes, leading to a more elegant look.

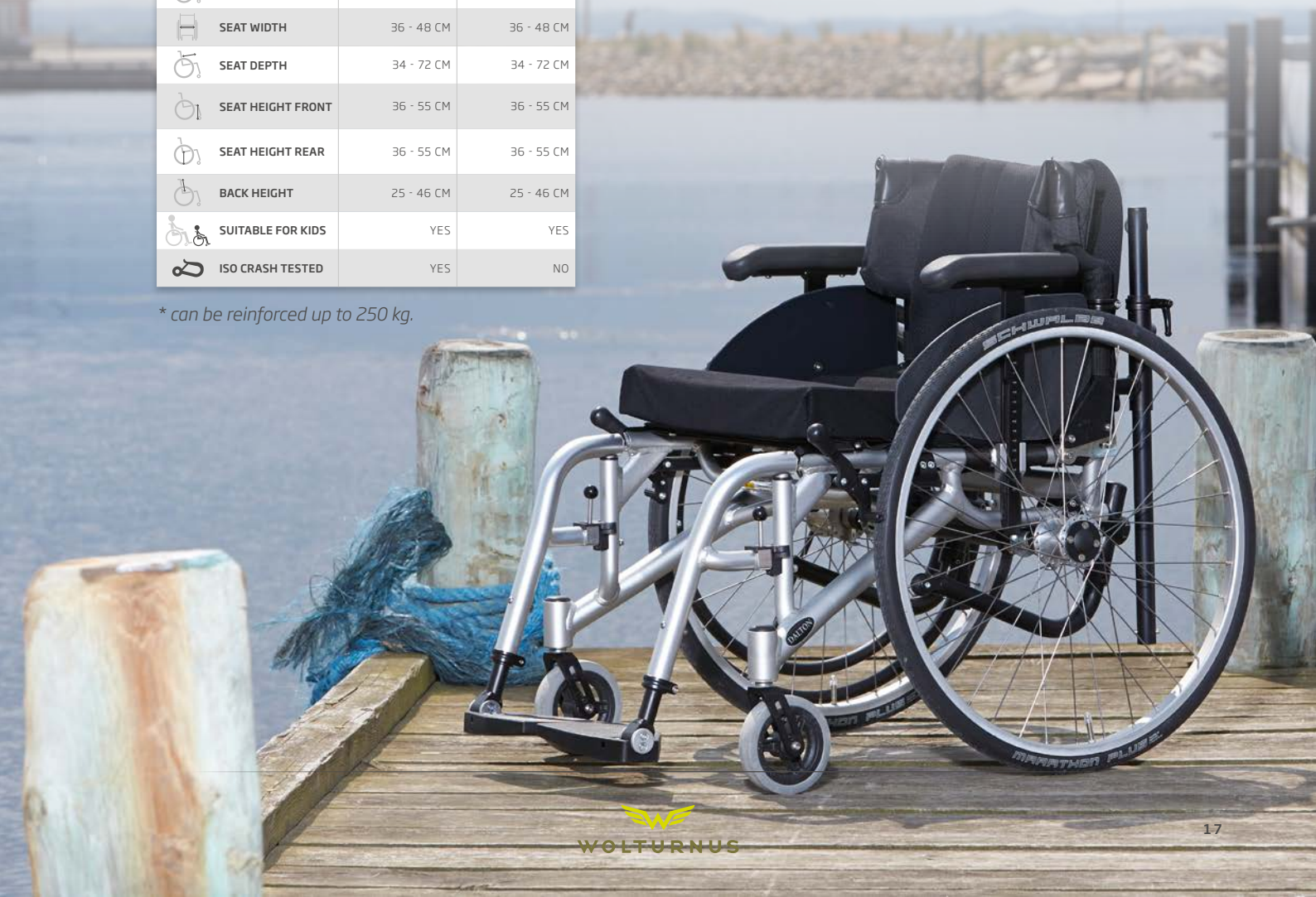
By choosing a steplessly adjustable balance point and an angle and height-adjustable folding back, you can continuously adapt the seating posture. To reduce the weight, the Dalton can also be ordered fully welded.



▲ ***Dalton Light***
With slimmer frame tubes, resulting in a more elegant look. Max. user weight 80 kg.

SPECIFICATIONS	DALTON*	DALTON LIGHT
MAX USER WEIGHT	160 KG	80 KG
PRODUCT WEIGHT	FROM 10 KG	FROM 9,5 KG
SEAT WIDTH	36 - 48 CM	36 - 48 CM
SEAT DEPTH	34 - 72 CM	34 - 72 CM
SEAT HEIGHT FRONT	36 - 55 CM	36 - 55 CM
SEAT HEIGHT REAR	36 - 55 CM	36 - 55 CM
BACK HEIGHT	25 - 46 CM	25 - 46 CM
SUITABLE FOR KIDS	YES	YES
ISO CRASH TESTED	YES	NO

** can be reinforced up to 250 kg.*



CUSTOMISED RIGID FOLDABLE WHEELCHAIR

Merlin

- Aluminium folding mechanism
- Frame made of aluminium 7020
- Adjustable seat and back upholstery
- Extremely compact and easy to handle
- Welded rear axle position & fixed backrest
- User weight max. 120 kg



1 WING BACK ILSA
The Wing Back ILSA enables continuous adjustment of the back to secure optimal sitting position.

2 SINGLE-SIDED FRONT FORK
Provides a lighter look and lowers weight.

3 FOLDING MECHANISM
The aluminium folding mechanism makes the Merlin easy to fold and transport.

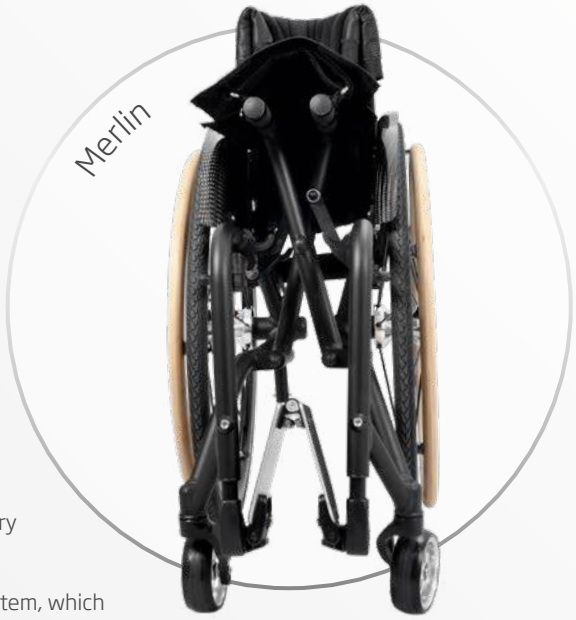






A rigid foldable wheelchair in a class of its own

The Merlin is a true-born premium product. This wheelchair model combines the stability and stiffness of a rigid wheelchair with all advantages of a foldable wheelchair.



The Merlin is the perfect companion for all users who are fond of the comfort of a Wolturnus rigid wheelchair, but after all want a folding wheelchair. The welded rear axle position as well as the rigid back make the Merlin as strong as possible

The welded rear axle position and the welded back make the Merlin as strong as possible, without adding additional weight to the aluminum frame. At the same time, the aluminium folding mechanism makes it very easy to fold and load the Merlin.

The Merlin can be equipped with the patented Wing Back ILSA back system, which allows the stepless adjustment of the back in a matter of moments. This will not just ensure a symmetrical and stable sitting position, you will experience improved balance and handling of the wheelchair.

There are various possibilities to adapt the Merlin according to your personal requirements. You can for example choose between different types of sideguards, various footrest solutions, an ergonomic or straight back and several push handle options.

GERMAN DESIGN AWARD SPECIAL 2019

SPECIFICATION	MERLIN
MAX USER WEIGHT	120 KG
PROPULSION WEIGHT	FROM 9 KG
SEAT WIDTH	32 - 45 CM
SEAT DEPTH	37 - 44 CM
SEAT HEIGHT FRONT	40 - 50 CM
SEAT HEIGHT REAR	40 - 50 CM
BACK HEIGHT	30 - 41 CM
SUITABLE FOR KIDS	YES
ISO CRASH TESTED	NO

The German wheelchair Rugby player Nina Wortmann in her Merlin. Photo: Konstantin Eulenburg.

WOLTURNUS

ACTIVE OR COMFORT

A-Run

- Stepless adjustable seat tilt and backrest angle
- Push rim, drum brakes, double anti-tip device and spoke protectors comes as standard
- Adjustable balance point
- Crash tested
- Chassis weight from 14 kg
- User weight max. 120 kg



▲ *A-Run*
With custom-coloured frame, high back, Wing Back ILSA backsystem and backwards foldable footrest.

1 SEAT TILT AND BACK ANGLE
The A-Run's seat and back can be steplessly adjusted with up to 30°.

2 ANTI-TIP
Solid double anti-tip device are one of the standard features.

3 CAR FIXATION
As the A-Run is crash tested and certified for transport by car. It is therefore equipped with a 4-point car fixation.


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The multi-talent for children, teenagers and adults

The A-Run is a unique wheelchair, which fits perfectly to the less active user. There are different application possibilities for the A-Run. It can be used as a rather passive comfort wheelchair, for users with special requirements regarding support and functionality as well as a full-value active wheelchair for users, who manage their daily lives independently.



The A-Run is available in various sizes. The different age groups usually have varying demands on a wheelchair. Wolturnus makes it possible to adjust the wheelchair as well as the equipment in line with the respective requirements of children, teenagers and adults respectively. Each A-Run, which leaves our production hall, is a unique, highly individualized wheelchair.

This wheelchair model has been developed in a way, that nearly all features can be adapted according to the user's demands: the back, the seat, the equipment as well as the functionality can be designed and adapted individually.

The A-Run Chassis is compatible with many seat and back systems on the market.

Regarding the wheelchair's design, it was very important, to facilitate the everyday lives of both, the user as well as the attendant. The A-Run is very narrow, light and easy to handle both indoor and outdoor.

SPECIFICATIONS	A-RUN
MAX USER WEIGHT	120 KG
PROPULSION WEIGHT	FROM 14 KG
SEAT WIDTH	26 - 45 CM
SEAT DEPTH	28 - 52 CM
SEAT HEIGHT FRONT	39 - 48 CM
SEAT HEIGHT REAR	39 - 48 CM
SEAT TILT	+ 30°
BACK HEIGHT	32 - 45 CM
TOTAL WIDTH	SEAT WIDTH + 24 CM
SUITABLE FOR KIDS	YES
ISO CRASH TESTED	YES



BUILT FOR FREEDOM



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