



# ACTIVE

Adaptive & Active Wheelchairs and Options

# ADAPTIVE AND ACTIVE WHEELCHAIRS



**SPECIFICATIONS**  
AT A GLANCE STARTING ON PAGE 44

## RIGID-FRAME WHEELCHAIRS

**MEYRA®**



Cover photo



PAGE 10  
**FEMTO R**  
**1.180**

- Sturdy and weight-optimised frame design (hydroforming technology)
- Front and rear wheel permanently connected to each other
- Seat module individually adjustable via just four fixing points

PAGE 12  
**HURRICANE DAILY**  
**1.880**

- Individual customisation
- Tuned chassis for perfect handling
- Handmade & precisely dimensioned, sporty everyday companion
- 100% made in Kalldorf

PAGE 13  
**HURRICANE S**  
**1.880**

- Open S frame and individual customisation
- Tuned chassis for perfect handling
- 100% made in Kalldorf

## NANO FAMILY

### RIGID-FRAME WHEELCHAIRS

**MEYRA®**



## NANO FAMILY

### FOLDING WHEELCHAIRS

**MEYRA®**



STARTING ON  
PAGE 17  
**NANO**  
**1.155**

- Open frame concept
- Folding back and intelligent assembly concept
- Low weight

STARTING ON  
PAGE 21  
**NANO C**  
**1.158**

- Light, carbon fibre monocoque design
- Empty weight from 7.5 kg up
- Full-carbon equipment

STARTING ON  
PAGE 25  
**NANO S**  
**1.157**

- Unique worldwide: Folding wheelchair with swivelling and detachable legrests on an open frame concept
- Unique, sturdy folding system for intuitive folding

STARTING ON  
PAGE 29  
**NANO X**  
**1.156**

- Sandwich-type design
- Unique, sturdy folding system for intuitive folding
- As sturdy as a rigid-frame wheelchair, but with folding function
- Modern, open frame design

## FOLDING WHEELCHAIRS

**MEYRA®**



Also for children and teenagers



FOR KIDS

PAGE 32  
**SMART<sup>F</sup>**  
**2.360**

- Optimised folding system, self-locking, small folding size
- Light aluminium brake can be operated with low actuating forces

PAGE 33  
**SMART<sup>S</sup>**  
**2.370**

- Folding system as with SMART<sup>F</sup>
- Pressure brake can be operated with low actuating forces
- Swing-away, angle and depth-adjustable legrests with aluminium footplate

PAGE 34  
**AVANTI**  
**1.736**

- Extremely adaptable, high variability without swapping parts
- Compatible with the MEYRA modular system
- Extensive range of therapeutically proven accessories

PAGE 35  
**AVANTI PRO**  
**1.735**

- Benefits as for AVANTI
- One-piece frame with integrated legrests
- Minimalistic frame design

PAGE 38  
**FLASH**  
**1.135**

- Perfect adaptation
- Seat depth adjustment (forwards) and seat width adjustment via adapter
- Telescopic back unit backwards by 45 mm



SPORTS  
WHEELCHAIRS



PAGE 42  
**HURRICANE SPORT  
1.880**

- Sturdy 7020-T6 aluminium design, maximum strength with minimum weight
- 100% made in Kalldorf
- Tuned chassis for perfect handling

PAGE 43  
**HURRICANE PRO  
1.880**

- Multiple use possible
- Sturdy high-strength aluminium design, maximum strength with minimum weight
- 100% made in Kalldorf

WHEELCHAIR  
SEATING SYSTEMS



PAGE 39  
**FLASH BACK  
SYSTEM 1.135**



**RIDE DESIGNS®  
FORWARD  
WHEELCHAIR  
CUSHION**

The seat cushion of the wheelchair surrounds the pelvis with supportive contours while at the same time reducing pressure around at-risk bony prominences. This ensures postural control and a higher degree of skin protection.

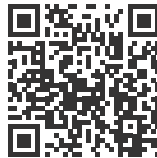
**More information:**



**RIDE DESIGNS®  
JAVA SEAT  
WHEELCHAIR  
CUSHION**

The firm contour of the wheelchair seat cushion encourages a much more stable sitting position. The "offload" principle applies forces to areas that are more tolerant of pressure (e.g. gluteal muscles, proximal femur) and relieves pressure on highly sensitive areas (e.g. sacrum, ischial tuberosity, trochanters). Its design enables the best possible sitting climate. Ventilation reduces heat and the formation of moisture.

**More information:**



**RIDE DESIGNS®  
JAVA WHEELCHAIR  
BACK**

Java's patented design has the necessary flexibility to provide a perfect fit with the trunk and the pelvis. This ensures excellent trunk support and encourages mobility of the user. This well thought-out design significantly increases freedom of movement particularly in the upper body. In addition, the shape enables the pelvis to be ideally positioned. The double mounting of the bracket is standardised to satisfy the highest requirements in terms of stability. It is recommended that the backs always be used in combination with the seat cushions. This significantly increases skin protection and so prevents pressure sores arising.

**More information:**



**NETTI CONTOUR  
WHEELCHAIR  
CUSHION**

The pressure-relieving wheelchair positioning cushion provides excellent guidance for the thighs with its anatomical contour. The seat cushion is made of PU foam and has a breathable 3D cover. It is available for all of our active wheelchairs.

**More information:**



TO ARRANGE A  
DETAILED PRODUCT  
DEMONSTRATION, PLEASE  
CONTACT YOUR AREA  
MANAGER OR EMAIL US AT  
[info@meyragroup.com](mailto:info@meyragroup.com)

# MEDICAL CONDITIONS & FUNCTIONAL REQUIREMENTS

## MEDICAL CONDITIONS

ALS  
MS Multiple sclerosis

Tetraplegia  
Paraplegia  
Spina bifida

Brittle bone disorder  
Duchenne muscular dystrophy, SMA  
ICP, infantile cerebral palsy  
Dwarfism

Traumatic brain injury

Leg amputations

Short-term fittings  
following surgical and  
orthopaedic operations

Parkinson's

Stroke

Obesity

Geriatric fittings

## FUNCTIONAL REQUIREMENTS IN THE VARIOUS MEDICAL FIELDS

Geriatrics

Internal medicine

Paediatrics

Neurology

Orthopaedics, traumatology



**NANO C**  
STARTING ON PAGE 21







WEBINARS  
AVAILABLE 24/7  
German webinars  
incl. certificate

**Tim Plaß** is a MEYRA Product Manager for Active Wheelchairs. He looks forward to sharing his product expertise with you in our seminars.

[www.meyra.com/mycampus](http://www.meyra.com/mycampus)

## SPECIALIST SEMINARS

BASICS OF WHEELCHAIR FITTINGS / HOW-TO VIDEOS: SERVICE, ADJUSTMENTS, TROUBLESHOOTING / TECHNICAL TRAINING: SERVICE & REPAIR / PRODUCT TRAINING / SEATING & POSITIONING / LEGAL FRAMEWORK: MEDICAL PRODUCTS ADVISOR, LEGAL PRINCIPLES OF THE MEDICAL AIDS INDEX



# A NEW ERA IN LEARNING

**NEW LEARNING, NEW KNOWLEDGE – SWIFT, EFFICIENT & SUSTAINABLE**

**MYCampus is the place to go for healthcare professionals for comprehensive learning and practical assistance in the field of mobility with MEYRA's manual and power wheelchairs.**

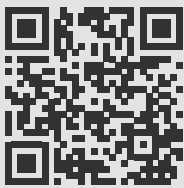
## **SPECIALIST SEMINARS**

Visit our website to explore the seminar calendar for face-to-face and online seminars with well-known experts who will deepen and broaden your knowledge. Internal and external speakers also present innovative concepts.

## **HOW-TO VIDEOS**

You can also refer to our short and concise how-to videos for quick instructions on small repairs or adjustments to our wheelchairs.

[www.meyra.com/mycampus](http://www.meyra.com/mycampus)



# BENEFITS



## **TRAINING ROUND THE CLOCK**

Learn when and wherever you want



## **BLENDED LEARNING**

eLearning combined with webinars and seminars for the best possible learning outcome



## **CONFIRMATION OF LEARNING SUCCESS**

Online knowledge check and certification



**Felix Ott** is Head of Training & Education in the Meyra Group team and heads up MyCampus. In-depth industry knowledge and a deep understanding of the importance of education and training in wheelchair fittings make him an expert in this field.



THE MEYRA SEAL OF INDIVIDUALITY

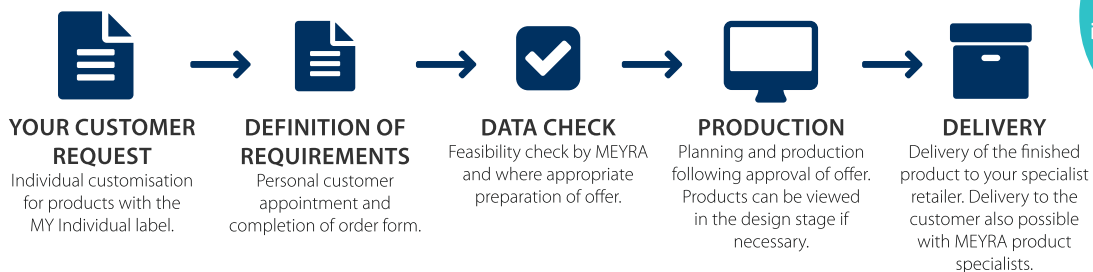


# MY INDIVIDUAL

**Individual solutions for special requirements** – In our efforts to ensure mobility for each individual, great value has always been attached to customised product solutions at MEYRA and TA Service. As individual as the requirements are, so too are the solutions we develop. Whether for particularly heavy users with a body weight of up to 300 kg or users with specific limitations of their musculoskeletal system - we create the solution that fits, tailored entirely to the handicap in question.

With a highly qualified team that is exclusively responsible for individual solutions, we have expanded the INDIVIDUAL range even further over the course of the last few years. Several thousand individual solutions have thus been created alongside series production. Each request is planned in detail in cooperation with therapists and orthopaedic technicians, and professionally put into effect by our manufacturing team consisting of engineers and technicians. Manufactured with modern CAD equipment – for the accustomed MEYRA quality.

## ORDERING MADE SIMPLE:



SUBMIT A REQUEST:  
[info@meyragroup.com](mailto:info@meyragroup.com)

# GUARANTEE PERIODS & ISO CERTIFICATION

## GUARANTEE TERMS FOR MANUAL WHEELCHAIRS

Precondition for the guarantee on frame and scissor mechanism is the correct use of the wheelchair, which implies regular, professional maintenance. In particular, damage caused by loosened screws or nuts as well as worn fastening holes for the seat belt and back strap due to frequent changing of covers shall be precluded. Furthermore, no changes may have been made to load-bearing parts.

The guarantee excludes damage to the surface, in particular scratches in the paint or other mechanical surface damage and contamination.



## NOTE

It is important to distinguish clearly between the terms "permissible user weight" and "permissible total weight" of a wheelchair, the latter being the sum of:

- a) permissible user weight
- b) tare weight of the wheelchair
- c) additional load

| MODEL TYPE               | MODEL NO. | PERMISSIBLE USER WEIGHT       | ISO 10542-2     | ISO 7176-19 | GUARANTEE ON FRAME & SCISSOR MECHANISM* |
|--------------------------|-----------|-------------------------------|-----------------|-------------|---|
| <b>FEMTOR</b>            | 1.180     | 125 kg                        | ✓ <sup>1)</sup> | ✓           | 4 years                                 |
| <b>NANO</b>              | 1.155     | 130 kg <sup>3)</sup>          | ✓ <sup>1)</sup> | ✓           | 4 years                                 |
| <b>NANO X</b>            | 1.156     | 130 kg <sup>3)</sup>          | ✓ <sup>1)</sup> | ✓           | 4 years                                 |
| <b>NANO C</b>            | 1.158     | 100 kg                        | -               | -           | 2 years                                 |
| <b>NANO S</b>            | 1.157     | 130 kg                        | ✓ <sup>1)</sup> | ✓           | 4 years                                 |
| <b>SMART<sup>F</sup></b> | 2.360     | 150 kg / 136 kg <sup>3)</sup> | ✓ <sup>1)</sup> | ✓           | 4 years                                 |
| <b>SMART<sup>S</sup></b> | 2.370     | 150 kg / 136 kg <sup>3)</sup> | ✓ <sup>1)</sup> | ✓           | 4 years                                 |
| <b>AVANTI PRO</b>        | 1.735     | 135 kg <sup>3)</sup>          | ✓ <sup>1)</sup> | ✓           | 4 years                                 |
| <b>AVANTI</b>            | 1.736     | 135 kg <sup>3)</sup>          | ✓ <sup>1)</sup> | ✓           | 4 years                                 |
| <b>FLASH</b>             | 1.135     | 75 kg <sup>2)</sup>           | ✓ <sup>1)</sup> | ✓           | 2 years                                 |

<sup>1)</sup> tested in standard version | <sup>2)</sup> weight of test dummy 47 kg | <sup>3)</sup> weight of test dummy 76.3 kg

## MEYRA QUALITY

### TEST TRACKS & CRASH TESTS

All wheelchairs are fully tested on a test track. A wheelchair is only approved for delivery having successfully completed the internal quality tests. In addition, a crash test is carried out on new models before they are launched on the market to ensure that the wheelchair can be used in place of a car seat. Go to our website to find out more about crash tests: [www.meyra.com/information-center/laws-and-regulations/crash-test](http://www.meyra.com/information-center/laws-and-regulations/crash-test)

### THE MEYRA ENDURANCE TEST

MEYRA's tests go beyond the level of standards. We carry out stress and reliability tests with increased loads over and above the level required by standards. This is unique and ensures that our wheelchairs meet our high quality requirements.

| REQUIRED BY LAW:   | OUR TESTING STANDARD:  |
|--|--|
| Double-drum test according to legal standard<br>DIN EN 21856<br>DIN EN 12183 | Double-drum test according to legal standard and additional MEYRA test procedure<br>ISO 7176-8 |
| <b>200,000 cycles</b>  | <b>200,000 – 300,000 cycles</b>  |
| <b>without overload</b>  | <b>with 10% overload</b>   |
| -  | <b>additional stress test</b>  |







# FEMTO R

*fuse together*



Information and video:  
[www.meyra.com/femto-r](http://www.meyra.com/femto-r)



**The FEMTO R** was designed in collaboration with Rainer Kuschall. As a pioneer in wheelchair manufacturing, the Swiss expert introduced MEYRA to new perspectives and approaches. Reduced to the essentials and focused on what really matters: your personality.





# FEMTO R

## 1.180

RIGID-FRAME  
WHEELCHAIRS

### USER PROFILE

- ✓ For permanent and long-term fittings
- ✓ For paraplegic fittings
- ✓ Very well suited for a wide range of medical conditions, including the severely afflicted
- ✓ For users with loss of lower extremity function (lateral transfer, hand rim propulsion)
- ✓ Suitable for initial and follow-up fittings

### PRODUCT BENEFITS AND OPTIONS

- All adjustments such as centre of gravity and front and rear seat height can be mapped via the separate seat module
- Front frame directly connected to the drive wheels for perfect running qualities at all times
- Forged castor wheel connection with concealed adjustment options
- Castor and drive wheels are quick and easy to replace
- High-quality materials and modular concept for a long lifecycle, individual components can be easily replaced
- Optimum overall weight and stability due to weight-optimised frame design (hydroforming technology)
- Ergonomically sculpted back tube and telescopic back
- Various back and seat systems can be easily integrated



**Baldrich Mouanda** is dependent on a wheelchair due to paraplegia. A lot has changed for the young Austrian since an accident in a discotheque, but he remains outgoing and good-natured, and always has a smile on his face.



Backrest folds onto the seat and back angle adjustment as standard

Vertical strut at the front for adjusting seat height and as brake mount – concealed by the wheel

Weight-optimised hydroforming frame

Vertical strut at the rear with concealed seat height adjustment and as side panel mount



User weight up to 125 kg



Seat width from 320 to 500 mm



Empty weight from 8.5 kg up

# HURRICANE DAILY

## 1.880

### Custom design

#### USER PROFILE

- ✓ Active rigid-frame wheelchair for users with high demands in terms of weight and handling characteristics: extremely stable and with fully-welded frame for maximum material strength
- ✓ For active wheelchair users in daily living

#### 3D CONFIGURATOR

We put together a preliminary 3D drawing for you

### THE HANDMADE, MADE-TO-MEASURE RIGID-FRAME WHEELCHAIR FOR EVERYDAY USE

The HURRICANE is a made to measure wheelchair - every adjustment is accurate to the centimetre or degree, and in the case of the foot-board even to the millimetre. It therefore offers the most individual and needs-based adaptation to the abilities of the user.

- Perfect balance of weight and stability
- Individual colour concept
- High-grade materials (e.g. 7020-T6 aluminium and carbon fibre)
- Perfect feedback because the side panels are individually adapted to the sitting position
- Rigid frame with permanently welded chassis
- High weight saving due to welding of seat height, back and seat angle
- Handmade from start to finish, 100% individual measurements
- The heat treatment after production makes for stability that is second to none
- Transport weight from 4 kg up



Carbon fibre side panels (optional)



Side panel adapted individually to the sitting position



Side panels are perfectly adapted to the sitting and wheel position

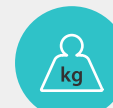
Available as open or closed frame version. Individual body measurements and needs of our users are transferred exactly to the Hurricane frame and chassis

7020-T6 aluminium as used in aerospace applications

Artificial ageing process for maximum stiffness



User weight up to 150 kg



Low empty weight from 7 kg up



Made to measure



# HURRICANE S THE SPORTY, MADE TO MEASURE RIGID-FRAME WHEELCHAIR WITH S FRAME

1.880

## Custom design

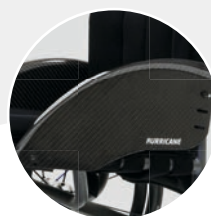
### USER PROFILE

- ✓ Active wheelchair for users with high demands in terms of weight and ride quality
- ✓ For active wheelchair users in daily living

- Permanently welded, open S frame
- Perfect balance of weight and stability
- Individual colour concept
- High-grade materials (e.g. 7020-T6 aluminium and carbon fibre)
- Very good positioning because the side panels are individually adapted to the sitting position
- Handmade from start to finish, 100% individual measurements
- The heat treatment after production makes for stability that is second to none
- Transport weight from 4 kg up

### 3D CONFIGURATOR

We put together a preliminary 3D drawing for you



Carbon fibre side panels (optional)



Perfect balance between weight and stability



Artificial ageing process for maximum stiffness

Side panels are perfectly adapted to the sitting and wheel position

Rigid frame with permanently welded chassis

7020-T6 aluminium as used in aerospace applications



User weight up to 100 kg



Low empty weight from 7 kg up



Made to measure







# NANO FAMILY



Scan for NANO Family:  
[www.meyra.com/nano-family](http://www.meyra.com/nano-family)



# NANO FAMILY

## STYLISH. SPORTY. COMPACT.

Being confident and self-assured is a challenge, and one that is often particularly difficult for anyone with a disability. But self-confidence is vital for well-being and rehabilitation. To enhance the self-confidence of people with disabilities, the NANO series focuses on individual, modern concepts to allow every user to match their wheelchair to their individual preferences.

The NANO family has long been known for its modern design with open frame concept (mono tube) and high customisability. To make sure you can rely 100% on your wheelchair, our NANO models undergo extensive product testing. We use high-quality materials for durability and high resilience.

### HIGHLIGHTS AND OPTIONS OF THE NANO FAMILY

- ✓ High-quality standard equipment
- ✓ NANO family modular system
- ✓ Fine adjustment
- ✓ Wide range of options
- ✓ High-quality workmanship
- ✓ Superb ride quality
- ✓ Excellent loading characteristics
- ✓ Weight-optimised components
- ✓ 10 frame colours (digital colour configurator on the subsites)
- ✓ Reflective sticker design (option)

## THE FAMILY



STARTING ON PAGE 17

### NANO – PURE DESIGN

Compact and sporty rigid-frame wheelchair with utmost stability.



STARTING ON PAGE 21

### NANO C – DESIGNED BY LIGHTNESS

Light rigid-frame wheelchair with carbon-fibre frame and components in cooperation with REFLECTIVE BERLIN.



STARTING ON PAGE 25

### NANO S – DESIGNED TO SWING

The world's first folding wheelchair with an open frame concept (mono tube) incl. pivoting and detachable legrests.



STARTING ON PAGE 29

### NANO X – DESIGN YOUR FREEDOM

Folding wheelchair with innovative cross brace and perfect ride performance. As sturdy as a rigid-frame wheelchair, but with folding function!



# NANO PURE DESIGN



PICTURED:  
NANO  
STARTING ON PAGE 17



# NANO 1.155

## THE STYLISH RIGID-FRAME WHEELCHAIR WITH OPEN FRAME CONCEPT

The NANO is a stylish, sporty and compact rigid-frame wheelchair offering utmost stability with low tare weight. Adapted down to the last detail for unique driving characteristics and comfort. Loading has never been easier: Fold down the backrest and dismantle the detachable side panels and drive wheels - that's all there is to it.

### USER PROFILE

- ✓ For permanent and long-term fittings
- ✓ For paraplegic fittings
- ✓ Very well suited for a wide range of medical conditions, including the severely afflicted
- ✓ Users with loss of lower extremity function (lateral transfer, hand rim propulsion)



Side panel bracket, swing-away (optional)



Support castors, one pair, swing-away (optional)



One-piece footrest, height-adjustable and flip-up to the rear (optional)



Vario element for adjustment of rear seat height and centre of gravity



Detachable side panels



Back tubes drawn in or drawn out 15 mm or 25 mm (optional)







# NANO PURE DESIGN



More information at  
[www.meyra.com/nano](http://www.meyra.com/nano)



**The NANO** impresses with its durable, sturdy design and low weight. Loading has never been easier: Fold down the backrest and dismantle the detachable side panels and drive wheels - that's all there is to it.





# NANO 1.155

## PRODUCT BENEFITS AND OPTIONS

- High-quality castor wheel connection and solid rubber castors with aluminium rim and precise adjustment possibilities
- High-grade 7020-T6 aluminium
- A wide range of up-to-the-minute frame colours
- Individually adjustable side panels
- Gravity settings from 15 - 145 mm
- Varioelement for almost perfect customisation of the rear seat height and centre of gravity
- Backrest folds to seat incl. lock-in function as standard
- The integrated functions enable one of the narrowest overall widths
- Unique ride quality and comfort
- Specially designed carbon fibre elements
- 10 frame colours to choose from at no extra cost
- Fine adjustment of centre of gravity



Following a swimming accident, **Katarina Draganov Čordaš** is reliant on a wheelchair. The professional swimmer has remained true to her passion - her NANO is her reliable companion, whatever the situation.



Hinged back incl. lock and adjustable upholstery

The integrated functions enable one of the narrowest overall widths from 470 mm to 670 mm (SW + 170 mm)

Aluminium castor wheels with solid rubber tyres, optionally in trend colours



User weight up to 130 kg



Seat width from 300 mm up



Empty weight 9.5 kg

NANO C

# DESIGNED BY LIGHTNESS

NANO C



**MEYRA**  **REFLECTIVE BERLIN**

PICTURED:  
NANO C  
STARTING ON PAGE 21



# NANO C 1.158

## THE LIGHTEST MULTI-ADJUSTABLE CARBON FIBRE MONOCOQUE RIGID-FRAME WHEELCHAIR

Weighing in empty at just 7.5 kg, the NANO C is the lightest multi-adjustable, stylish carbon-fibre active wheelchair using the monocoque design familiar from Formula 1 racing. The many adjustment options and high-quality carbon fibre components, such as the monocoque frame, back, side panels, footplate, axle tube and positioning handles, ensure extremely high functionality and stability even in the basic version.

### USER PROFILE

- ✓ Permanent and long-term fittings
- ✓ Paraplegic fittings
- ✓ Numerous medical conditions
- ✓ Severely afflicted



Support castor wheel (optional)



Back tubes drawn in or drawn out 15 mm or 25 mm (optional)



As standard with folding back incl. lock



Monocoque frame: made from one piece, creating a very high degree of stiffness







Various reflective stickers are now available for all NANOs. Request information and samples at: [marketing@meyra-group.com](mailto:marketing@meyra-group.com)

## NANO C

# DESIGNED BY LIGHTNESS



More information at [www.meyra.com/nano-c](http://www.meyra.com/nano-c)



The NANO C catches the eye with its modern, carbon design! In addition to the carbon look, an individual wet paint finish is optionally available.





# NANO C 1.158

## TOP BASIC EQUIPMENT:

- Carbon fibre frame
- Carbon fibre back
- Carbon fibre axle tube
- Carbon fibre side panel
- Carbon fibre footplate
- Carbon fibre positioning handles

## PRODUCT BENEFITS AND OPTIONS

- Transport weight from 5 kg up
- Very good handling characteristics thanks to Formula 1 technology
- Excellent loading properties
- Perfectly adaptable
- Reflective sticker design (optional)
- High-quality standard equipment
- Weight-optimised frame design



## NANO C with reflective sticker

Safety in the dark – the highly reflective stickers improve visibility on the road. The cool design with MEYRA elements and colours was developed in cooperation with the creative minds at Reflective Berlin. The result is eye-catching!



High-quality reflective sticker available in various designs

## Formula 1 technology: The monocoque (made from one piece)

Carbon fibre castor wheels (optional)



Carbon fibre



Empty weight of wheelchair 7.5 kg



Narrowest overall width from 480 mm up



A woman in a wheelchair and a standing woman dancing in a club. The woman in the wheelchair is wearing a black sequined dress and is smiling. The standing woman is wearing a black dress and is holding the hand of the woman in the wheelchair. The background is a club with colorful lights and a large screen.

NANO S

# DESIGNED TO SWING

PICTURED:  
NANO S  
STARTING ON PAGE 25



# NANO S 1.157

## THE WORLD'S FIRST FOLDING WHEELCHAIR WITH AN OPEN FRAME CONCEPT (MONO TUBE) INCL. PIVOTING AND DETACHABLE LEGRESTS

With its swivelling and detachable legrests, the NANO S is ideally suited for all neurological fittings. It also enables the user's legs to be exercised efficiently, for example with foot propulsion fitting and exerciser.

### USER PROFILE

- ✓ Permanent and long-term fittings
- ✓ Paraplegic fittings
- ✓ Very well suited for a wide range of medical conditions, including the severely afflicted
- ✓ Users with loss of lower extremity function (lateral transfer, hand rim propulsion)
- ✓ For all neurological disorders
- ✓ For users with some remaining walking and standing ability (standing transfer)



Swivelling and detachable legrests



Extremely flat sandwich-type double cross brace for rigid frame-like handling



New push handles in NANO family design



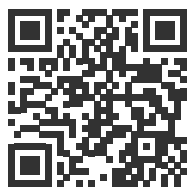
The removable side panel with height-adjustable armrest incl. one-hand operation also offers a swing-up function and ensures a very narrow overall width.







# NANO S DESIGNED TO SWING



More information at  
[www.meyra.com/nano-s](http://www.meyra.com/nano-s)



You can rely **on the NANO S**. Despite its light ready-to-ride weight starting from 10 kg, the NANO S is particularly durable and sturdy thanks to the double cross brace.





# NANO S 1.157

## PRODUCT BENEFITS AND OPTIONS

- Swivelling and detachable legrests on an open frame design
- Legrest push button accessible and operable even with severely limiting medical conditions
- Very compact overall length (frame design)
- Good accessibility to everyday items
- Innovative NANO X folding system for excellent torsional stiffness and ride performance like that of a rigid-frame wheelchair
- When folded, the two drive wheels are parallel to each other, making the NANO S stand particularly securely
- Intuitive and fine-tuned customisation to the user



Following a COVID-19 vaccination, **Christina Modrzejewski** suddenly developed GBS. After numerous rounds of treatment, she started physiotherapy, where she met Sina, her physiotherapist and now also her best friend. Since then, the two of them have together been striving for Tina's recovery. We joined up with them, together with the NANO S.



Other side panels available

10 frame colours to choose from at no extra cost

In addition to standard aluminium drive wheels, active, Spinerger and lightweight wheels are also available

Castor wheel connection milled from one piece and welded.

Castor wheels made of solid rubber with aluminium rim, optional choice of colour: black, silver, white, red, blue, orange, or made of carbon fibre



User weight up to 130 kg



Empty weight of wheelchair from 10 kg up



3 frame lengths: short, medium or long





NANO X

# DESIGN YOUR FREEDOM



**PICTURED:**  
**NANO X**  
STARTING ON PAGE 29

The innovative sandwich-type double cross brace offers optimum folding and ride performance. Even rough terrain is no challenge for the NANO X folding wheelchair, because its design makes it extremely stable with low weight.



# NANO X 1.156

## THE STYLISH, LIGHT FOLDING WHEELCHAIR WITH UNIQUE, INNOVATIVE FOLDING TECHNIQUE

The NANO X unites design, functionality and perfect handling in one. The further development of the smartly designed rigid-frame wheelchair NANO convinces with its sandwich-type folding technique. The folding system guarantees simple, intuitive handling, whatever the situation. Compact and space-saving, the NANO X fits in everywhere. The NANO X moves with the stability of a rigid-frame wheelchair but is actually a folding wheelchair!

### USER PROFILE

- ✓ Permanent and long-term fittings
- ✓ Paraplegic fittings
- ✓ Very well suited for a wide range of medical conditions, including the severely afflicted
- ✓ Users with loss of lower extremity function (lateral transfer, hand rim propulsion)



Narrow folding dimensions: Width 320 mm at 0° and 370 mm at 3° wheel camber; height from 610 mm



Individual footplates in frame colour, flip-up, depth and angle-adjustable (optional)



Vario element for adjustment of rear seat height and centre of gravity



Extremely flat sandwich-type double cross brace for rigid frame-like handling



Safe stand and superb loading performance due to right angle







XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

# NANO X DESIGN YOUR FREEDOM



More information at  
[www.meyra.com/nano-x](http://www.meyra.com/nano-x)



**The NANO X** with intuitively operable folding system ensures easy handling in every situation. Compact and with a small footprint, the folding wheelchair fits in anywhere when not in use.





# NANO X 1.156

## PRODUCT BENEFITS AND OPTIONS

- High-grade 7020-T6 aluminium
- Perfect balance between weight and durability
- Modern, with its open frame concept and numerous colour options
- Quick adaptation through fine adjustment of back section, seat and chassis
- Easy to service and low in maintenance
- Perfectly suited for reuse
- Intuitive assembly concept with a vast adjustment range
- Suitable for conventional loading systems



**Elena Stiefelhagen** has been suffering from Complex Regional Pain Syndrome, CRPS for short, since breaking her left leg. She nevertheless remains active and does not let it get her down. Her NANO X provides the necessary relief.



Carbon fibre side panels available

Choice of 10 frame colours

In addition to standard aluminium drive wheels, active, Spinerger and lightweight wheels are also available

Castor wheel connection milled from solid material and welded

Solid rubber castor wheels with aluminium rims, optionally available in trendy colours



User weight up to 130 kg



Empty weight of wheelchair from 9 kg up



Narrow folding dimensions, narrowest overall width 380 - 440 mm



# SMART<sup>F</sup> 2.360

## USER PROFILE

- ✓ For permanent and long-term fittings
- ✓ For paraplegic fittings
- ✓ Very well suited for a wide range of medical conditions, including the severely afflicted
- ✓ Users with loss of lower extremity function (lateral transfer, hand rim propulsion)

## FOLDING WHEELCHAIR WITH INTEGRATED LEGRESTS

The SMART<sup>F</sup> folding wheelchair unites lightness and perfect handling in an innovative design. Absolutely dynamic and stable - that's how a modern folding adaptive wheelchair must feel. Compact dimensions, an advanced folding system and easy transfers make it the ideal companion in any situation. Be it in daily living, leisure time, at home or out and about.

- High-grade 7020 aluminium
- A fantastically small folding size and perfect folding kinematics ensure easiest possible folding
- Suitable for all conventional loading systems
- All components are perfectly adapted to one another, facilitating handling in daily living
- High-quality materials and specially designed semi-finished products guarantee low total weight
- Perfect chassis adjustment



Side panel bracket swing-away (optional)



Very narrow folding size 280 mm at 0° and 330 mm at 3° wheel camber, height from 650 mm



Carbon fibre side panels (optional)



Individually adjustable back height

Innovative swivelling aluminium light brake can be triggered with extremely low actuating force

Integrated legrests

Individually adjustable chassis



User weight up to 150 kg



3 frame lengths: short, medium or long, with or without frame inset



Seat widths from 320 – 520 mm



# SMART<sup>S</sup> 2.370

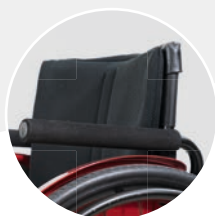
## USER PROFILE

- ✓ For permanent and long-term fittings
- ✓ Very well suited for a wide range of medical conditions, including the severely afflicted
- ✓ For users with some remaining walking and standing ability (sit to stand transfer)
- ✓ For neurological disorders

## FOLDING WHEELCHAIR WITH SWING-AWAY AND DETACHABLE LEGRESTS

The smoothness of ride and low tare weight of the SMART<sup>S</sup> make for perfect handling characteristics - dynamic, easy to tilt and agile. The optimised folding system of the SMART<sup>S</sup> offers an exceptionally narrow folding size for unrestricted flexibility. Loading a wheelchair into a car yourself has never been easier.

- Low folded size and optimised folding kinematics for independent loading into cars
- Suitable for all conventional loading systems
- Perfectly matched components for easy handling
- Optimum smoothness of ride and adaptability
- Perfect chassis adjustment
- High-quality materials like 7020 aluminium and specially designed semi-finished products guarantee low total weight
- Straight front construction and swing-away, detachable legrests enable the user to move up close to everyday objects with ease



Side panel bracket swing-away (optional)



Narrow folding dimensions  
280 mm at 0° and  
330 mm at 3° wheel camber,  
height from 650 mm



Side panel with height-adjustable armrest, one-handed operation (optional)



Swing-away and detachable legrests

Pressure and light brake with low actuating forces

Aluminium footplates are light and stable, angle and depth-adjustable

Optimum adjustability of the castor fork guarantees perfect directional stability and ideal rolling properties



User weight up to 150 kg



3 frame lengths, short, medium or long



Seat widths from 320 – 520 mm





# AVANTI 1.736

## USER PROFILE

- ✓ Suitable for users with remaining walking and standing ability
- ✓ Ideal for use with geriatric and neurological conditions
- ✓ For use at home, at work and in leisure pursuits
- ✓ Seat height adjustment according to needs, right through to hemiplegia requirements

## WIDELY ADAPTABLE FOLDING WHEELCHAIR

The AVANTI is your active everyday companion and enables independent mobility. Economical and mobile, the adaptive wheelchair is a good option for a wide range of activities. With its extensive range of equipment and adjustment possibilities, the AVANTI adapts to your personal needs. Compatibility with MEYRA's modular system gives the AVANTI access to a broad spectrum of configuration options and accessories.

- Fine adjustment options, standard adjustable back
- Pressure or drum brake with extremely low actuating force
- Side panel brake integrated in clothing guard, see AVANTI PRO (optional)
- With 22" and 24" wheel size, front seat heights can be set between 425 - 560 mm and rear seat heights between 400 - 520 mm
- Four frame lengths
- Perfectly adapted frame for seat depths 380 mm and 400 mm



Side panel bracket swing-away (optional)



Perfectly customised thanks to eccentric steering head adjustment



Height-adjustable side panel with one-handed operation (optional)



Very narrow folding dimensions: width from 280 mm; height from 470 mm (short frame)



Telescopic and angle-adjustable back height. Back heights from 340 - 440 mm

Max. 6° seat angle tilt

**NEW: Tension-adjustable seat cover as standard**

Straight front with individually swing-away and detachable legrests (easy frontal transfer)

Drive wheel axle adjustable in four horizontal and nine vertical positions, 3° wheel camber (optional)

Manoeuvrability with little effort



Reinforced version up to 160 kg and up to seat width 580 mm



Low seat height from 370 mm up, seat depth from 330 - 530 mm



Four frame lengths for almost perfect frame length to seat depth ratio



# AVANTI PRO 1.735

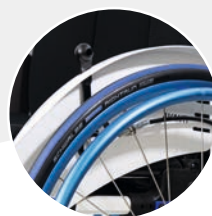
## USER PROFILE

- ✓ Adaptive wheelchair for universal everyday use
- ✓ Long-term fitting for high adaptation requirements
- ✓ Very well suited for a wide range of medical conditions
- ✓ For paraplegic fittings

## FOLDING ADAPTIVE WHEELCHAIR WITH PERFECT ADJUSTMENT POSSIBILITIES

The AVANTI PRO unites all the features of the AVANTI with the benefits of a one-piece frame with integrated legrests. A folding adaptive wheelchair with high compatibility of parts and adaptability. With its minimalistic frame design, the AVANTI PRO cuts a sporty figure, rounding off the AVANTI family with its integrated legrests and sporty look.

- One-piece frame with integrated legrests
- High variability and adaptability without any great need to swap parts
- Pressure and drum brake with extremely low actuating force
- Low-torsion handling thanks to stabilising bracket
- Maximum permitted seat height difference between front and rear seat height is 70 mm



Side panel brake integrated in clothing guard (optional)



Choice of four centre of gravity settings



**NEW:** Tension-adjustable seat cover as standard

Pro-Design (integrated legrests)

3° wheel camber (optional)

On track handling



Two frame lengths



Seat widths from 360 – 580 mm



Back heights from 340 – 440 mm











FLASH  
IMMENSELY  
FLEXIBLE

PICTURED:  
FLASH  
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# FLASH 1.135

## USER PROFILE

- ✓ Active children and young people of nursery, preschool and school age
- ✓ For indoor and outdoor use

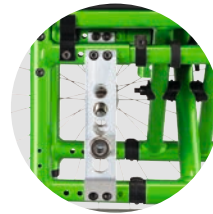
## THE COOL, MAXIMUM VARIABILITY FOLDING WHEELCHAIR FOR CHILDREN

The wheelchair concept that grows with the user reduces fitting costs due to the high variability in adjusting the seat position and handling characteristics. Cool design and as quick as lightening - the Flash is up for everything!

- Smooth and agile
- Vast legroom
- Wheelbase and centre of gravity individually adjustable
- Seat unit grows with the user
- Abducted front frame as standard
- Midi and maxi frames available
- Seat depth adjustment forwards via adapter
- Telescopic back unit backwards by 45 mm
- Seat width adjustment via adapter
- Two support castors for maximum stability



Infinitely variable adjustment of lower leg length from 200 mm up



Ultra flexible



A seat that grows with the user



Own Flash back system, see following page

Midi frame with 22" drive wheels  
Maxi frame with 24" drive wheels

Vast legroom at the front thanks to standard abduction frame



User weight up to 75 kg



# FLASH BACK SYSTEM 1.135

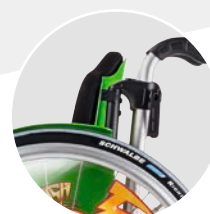
## THE CHILDREN'S WHEELCHAIR BACK SHELL THAT GOES WITH A SWING

Detachable, anatomically shaped aluminium back shell for optimum positioning and more stability. With concave curve and in the same colour as the wheelchair frame.

- Low weight
- Quick and easy assembly, detachable
- Breathable mesh covers or textile black
- With or without back padding
- Individually adjustable with three trough depths
- Additional hook and loop fastening



Mounting on  
back tube without the  
need for tools



Concave curved



More information:



| TROUGH DEPTH | IN ADDITION TO SEAT<br>DEPTH |
|--------------|------------------------------|
| 15 mm        | 0 mm                         |
| 25 mm        | + 10 mm                      |
| 35 mm        | + 20 mm                      |

With back padding CODE 949 the seat depth decreases by 20 mm.











OVER  
20 YEARS'  
EXPERIENCE WITH  
MADE TO MEASURE  
WHEELCHAIRS

PICTURED:  
HURRICANE SPORT  
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# HURRICANE SPORT 1.880

## THE 100% PERFECT-FIT ALL-ROUNDER IN THE SPORTS WHEELCHAIR SEGMENT

The HURRICANE unites perfect dynamics, top speed and outright fighting spirit. No matter whether it's basketball, rugby, tennis or dancing. Absolute precision meets ultimate perfection. Adapted to the special requirements of the sport and your position. Complete control over the sports chair and your opponent. Maximum performance for maximum success.

### Custom design

#### USER PROFILE

- ✓ For wheelchair sport in basketball, rugby, tennis, badminton, dancing and many more.
- ✓ For all active wheelchair users in the sports sector in general with high requirements in terms of weight and handling characteristics.

- 7020-T6 aluminium
- Dynamic for top speeds
- High-strength elements made from one piece for improved handling
- Enhanced fatigue strength due to special artificial ageing process
- Weight saving due to special aluminium alloy
- Individual powder coating at no extra cost

MADE IN  
KALLDORF  
100% handmade  
in Germany



Oversize axle for immense stability



Side panels individually manufactured and permanently welded



Immensely stable due to high-strength elements (e.g. axle, caster fork)

Including support castor

Aluminium



Made to measure: to the millimetre



Aluminium as used in aerospace applications



Stiffness optimised by artificial ageing



# HURRICANE PRO

## 1.880

### THE FULLY EQUIPPED BASKETBALL WHEELCHAIR FOR NEWCOMERS

Individual adjustments can be carried out with minimum effort, as the relevant key data are already defined in the framework concept. The seating position and an optimal centre of gravity provide stability at the same time as mobility through ergonomics and minimal physical effort for locomotion. Outstanding handling, optimum smoothness of ride, precise directional stability and excellent manoeuvrability promote sports activity.

#### Custom design

#### USER PROFILE

- ✓ For sports clubs, schools and other institutions dedicated to wheelchair sports
- ✓ For users who play wheelchair basketball as a grassroots or leisure sport
- ✓ For wheelchair basketball newcomers

- High-grade 7020-T6 aluminium
- Fully equipped
- Ideally suited for multiple use
- Enhanced fatigue strength due to special artificial ageing process
- Permanently welded twin support castor wheel for maximum safety
- Excellent value for money with high quality
- Handmade



Adjustable lower leg length



Adjustable oversize axle tube for ideal gravity setting



Bolted aluminium side panels enable seat width adjustment

As standard with twin support castors, permanently welded with the frame

Footplate individually adjustable

Aluminium



User weight up to 100 kg



Aluminium as used in aerospace applications



Stiffness optimised by artificial ageing





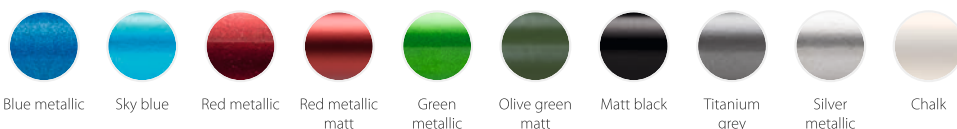
# SPECIFICATIONS

Dimensional tolerances ± 10 mm, ± 2°, data subject to design changes

|   | FEMTO R 1.180   |                        |                      | NANO 1.155   |                        |                      | NANO X 1.156  |                        |                      | NANO S 1.157  |                        |                      | NANO C 1.158  |
|---|---|------------------------|----------------------|--|------------------------|----------------------|---|------------------------|----------------------|---|------------------------|----------------------|---|
| Frame versions                            | 351<br>Frame<br>short                                     | 352<br>Frame<br>medium | 353<br>Frame<br>long | 351<br>Frame<br>short  | 352<br>Frame<br>medium | 353<br>Frame<br>long | 351<br>Frame<br>short   | 352<br>Frame<br>medium | 353<br>Frame<br>long | 351<br>Frame<br>short   | 352<br>Frame<br>medium | 353<br>Frame<br>long | -   |
| Seat width in mm                          | 320 / 340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500 |                        |                      | 300 / 320 / 340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500              |                        |                      | 320 / 340 / 360 / 380 / 400 / 420 / 440 / 460 / 480                         |                        |                      | 320 / 340 / 360 / 380 / 400 / 420 / 440 / 460 / 480                         |                        |                      | 380 / 400 / 420 / 440   |
| Total width in mm                         | SW + 170  |                        |                      | SW + 170   |                        |                      | SW + 160  |                        |                      | SW + 160  |                        |                      | SW+ 160 <sup>1)</sup>   |
| Width, ready to move, in mm               | 510 – 810   |                        |                      | 470 / 490 / 510 / 530 / 550 / 570 / 590 / 610 / 630 / 650 / 670              |                        |                      | 480 / 500 / 520 / 540 / 560 / 580 / 600 / 620 / 640 / 660 / 680             |                        |                      | 480 / 500 / 520 / 540 / 560 / 580 / 600 / 620 / 640 / 660 / 680             |                        |                      | 540 / 560 / 580 / 600   |
| Width, folded, in mm                      | -   |                        |                      | -  |                        |                      | 320 at 0° wheel camber or<br>370 at 3° wheel camber                         |                        |                      | 320 at 0° wheel camber or<br>370 at 3° wheel camber                         |                        |                      | -   |
| Height, folded, in mm                     | -   |                        |                      | -  |                        |                      | 610   |                        |                      | 610   |                        |                      | -   |
| Seat depth in mm                          | 340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500       |                        |                      | 380 / 400 / 420 / 440 / 460 / 480 / 500                                      |                        |                      | 380 / 400 / 420 / 440 / 460 / 480 / 500                                     |                        |                      | 380 / 400 / 420 / 440 / 460 / 480 / 500                                     |                        |                      | 380 / 400 / 420 / 440 / 460   |
| Seat height, front, in mm                 | 450 – 530   |                        |                      | 450 – 530  |                        |                      | 450 – 530   |                        |                      | 450 – 550   |                        |                      | 450 – 530   |
| Seat height, rear, in mm                  | 390 – 500   |                        |                      | 360 – 510  |                        |                      | 360 – 510   |                        |                      | 360 – 510   |                        |                      | 360 – 510   |
| Total height in mm                        | Seat height rear +<br>back height                         |                        |                      | Seat height rear +<br>back height  |                        |                      | Seat height rear +<br>back height   |                        |                      | Seat height rear +<br>back height   |                        |                      | Seat height rear +<br>back height   |
| Back height in mm                         | 250 – 450<br>(60 mm telescopic in 15<br>mm increments)    |                        |                      | variable from<br>250 to 450, +/- 15  |                        |                      | variable from<br>250 to 450 +/- 15 mm                                       |                        |                      | variable from<br>250 to 450 + - 15 mm                                       |                        |                      | 250 – 400 <sup>2)</sup>   |
| Back angle adjustment in<br>degrees       | -5 / 0 / 5 / 10 / 15                                      |                        |                      | -5 / 0 / 5 / 10  |                        |                      | -5 / 0 / 5 / 10   |                        |                      | -5 / 0 / 5 / 10   |                        |                      | -5 / 0 / 5 / 10   |
| Armrest height in mm                      | -   |                        |                      | -  |                        |                      | -   |                        |                      | 200 – 275   |                        |                      | -   |
| Length with / without foot-<br>rest in mm | 760– 860<br>(depending on frame<br>length and wheel size) |                        |                      | 720 – 920<br>(depending on frame<br>length, wheel size and axle<br>position) |                        |                      | 720– 920<br>(depending on frame<br>length, wheel size and<br>axle position) |                        |                      | 835– 995<br>(depending on frame<br>length, wheel size and<br>axle position) |                        |                      | 800 – 982<br>(depending on frame<br>length, wheel size<br>and<br>axle position) |
| Lower leg length in mm                    | 300 - 480   |                        |                      | 310 – 480  |                        |                      | 310 – 480   |                        |                      | 350 – 500   |                        |                      | 310 – 480   |
| User weight in kg                         | 125   |                        |                      | 130  |                        |                      | 130   |                        |                      | 130   |                        |                      | 100   |
| Empty weight in kg                        | from 8.5  |                        |                      | from 9.5   |                        |                      | from 9  |                        |                      | from 10   |                        |                      | from 7.5  |
| Permissible total weight in kg            | 140   |                        |                      | 145  |                        |                      | 145   |                        |                      | 145   |                        |                      | 110   |
| Transport weight in kg                    | from 5.6  |                        |                      | 6.5  |                        |                      | 6.5   |                        |                      | 7   |                        |                      | from 5  |
| Drive wheel in mm (inches)                | 600 (24")<br>635 (25")                                    |                        |                      | 610 (24")<br>635 (25")<br>660 (26")  |                        |                      | 600 (24")<br>635 (25")<br>660 (26")   |                        |                      | 600 (24")<br>635 (25")<br>660 (26")   |                        |                      | 600 (24")<br>635 (25")<br>660 (26")   |
| Seat tilt in degrees                      | -   |                        |                      | -  |                        |                      | -   |                        |                      | -   |                        |                      | -   |
| Frame inset in mm                         | 0 or 20 per side  |                        |                      | 0 or 20 per side   |                        |                      | 0 or 20 per side  |                        |                      | -   |                        |                      | 20 per side   |
| Front frame angle in degrees              | 80 or 88  |                        |                      | 80 or 88   |                        |                      | 80 or 88  |                        |                      | -   |                        |                      | 80  |
| Legrest angle in degrees                  | -   |                        |                      | -  |                        |                      | -   |                        |                      | 86  |                        |                      | -   |
| Centre of gravity in mm                   | -15 – 145   |                        |                      | 15 – 145   |                        |                      | 35 – 147  |                        |                      | 35 – 147  |                        |                      | 45 – 145  |
| Brake test according to<br>STANDARD       | 7°  |                        |                      | 7°   |                        |                      | 7°  |                        |                      | 7°  |                        |                      | 7°  |

| SMART <sup>f</sup> 2.360  |   |                      | SMART <sup>s</sup> 2.370                                      |   |   | AVANTI 1.736  |   |                                     |                      | AVANTI PRO 1.735  |   | FLASH  |                                       |
|---|---|----------------------|---|---|---|---|---|-------------------------------------|----------------------|---|---|--|---------------------------------------|
| 351<br>Frame<br>short   | 352<br>Frame<br>medium  | 353<br>Frame<br>long | 351<br>Frame<br>short   | 352<br>Frame<br>medium  | 353<br>Frame<br>long  | 351<br>Frame<br>short   | 352<br>Frame me-<br>dium                          | 349<br>Frame<br>medium<br>shortened | 353<br>Frame<br>long | 352<br>Frame<br>standard  | 353<br>Frame<br>long  | Midi   | Maxi                                  |
| 320 / 340 / 360 / 380 /<br>400 / 420 / 440 / 460 /<br>480 / 500 / 520         | 320 / 340 / 360 / 380 /<br>400 / 420 / 440 / 460 /<br>480 / 500 / 520         |                      | 300 – 360   | 360 – 580   | 360 – 580   | 360 – 580   |   |                                     |                      | 360 – 580   | 360 – 580   | 240 – 300  | 240 – 400                             |
| SW + 180  | SW + 180  |                      | SW + 180  |   |   |   | SW + 180  |                                     |                      | SW + 180  |   | SW + 180 (at 0°) /<br>SW + 220 (at 3°) /<br>SW + 260 (at 6°) |                                       |
| 500 / 520 / 540 / 560 /<br>580 / 600 / 620 / 640 /<br>660 / 680 / 700         | 500 / 520 / 540 / 560 /<br>580 / 600 / 620 / 640 /<br>660 / 680 / 700         |                      | Seat width + 200<br>(with side panel CODE 100 SW + 180)       |   |   |   | SW + 190<br>(with side panel CODE 100 SW<br>+180) |                                     |                      | -   |   | -  | -                                     |
| 280 at 0° wheel camber<br>or 330 at 3° wheel<br>camber                        | 280 at 0° wheel camber<br>or 330 at 3° wheel<br>camber                        |                      | 280   |   |   |   | 280   |                                     |                      | -   |   | -  | -                                     |
| -   | -   |                      | -   | -   | -   | -   | -   | -                                   | -                    | -   | -   | -  | -                                     |
| 380 / 400 / 420 / 440 /<br>460 / 480 / 500                                    | 380 / 400 / 420 / 440 /<br>460 / 480 / 500                                    |                      | 330 – 380   | 350 – 460   | 380 – 400   | 480 – 530   |   |                                     |                      | 350 – 430   | 460 – 500   | 240 – 300  | 320 – 400                             |
| 440 – 530   | 400 – 540   |                      | 370 – 500   | 370 – 560   | 370 – 560   | 370 – 560   |   |                                     |                      | 440 – 520   | 440 – 520   | 390 – 470  | 390 – 480                             |
| 400 – 530   | 370 – 530   |                      | 370 – 470   | 390 – 520   | 385 – 520   | 390 – 520   |   |                                     |                      | 420 – 520   | 440 – 520   | 360 – 440  | 390 – 470                             |
| Seat height rear +<br>back height   | Seat height rear +<br>back height   |                      | Seat height rear + back height                                |   |   |   | Seat height rear + back height                    |                                     |                      | RSH + BH + 40   |   |  |                                       |
| variable from<br>250 to 500, + 25   | variable from<br>250 to 500, + 25   |                      | 340 – 400   | 380 – 500   | 380 – 500   | 380 – 500   |   |                                     |                      | 340 – 440   | 340 – 440   | 250 – 400  |                                       |
| optional  | optional  |                      | optional  |   |   |   | optional  |                                     |                      | 75° – 105°  |   |  |                                       |
| approx. 170 – 245   | approx. 170 – 245   |                      | 165 – 240   | 200 – 290   | 200 – 290   | 200 – 290   |   |                                     |                      | 200 – 290   | 200 – 290   | -  | -                                     |
| 880– 1,030<br>(depending on frame<br>length, wheel size and<br>axle position) | 880– 1,030<br>(depending on frame<br>length, wheel size and<br>axle position) |                      | 880 / 660   | 1,040 / 770   | 1,010 / 740   | 1,120 / 850   |   |                                     |                      | 870 – 960<br>(depending on<br>frame length,<br>wheel size and<br>axle position) | 925 – 1,015<br>(depending on<br>frame length,<br>wheel size and<br>axle position) | 670 – 745  | 855 – 930                             |
| 300 – 480   | 270 – 490   |                      | 290 – 520   |   |   |   |   |                                     |                      | -   | -   | 200 – 290  | 250 – 320/<br>330 – 440 <sup>3)</sup> |
| 150   | 150   |                      | 75  | 135   | 135   | 160   |   |                                     |                      | 135   |   | 75   |                                       |
| from 9.5  | from 10.5   |                      | from 12   | from 13   | from 13   | from 14   |   |                                     |                      | from 11   |   | from 10  |                                       |
| 165   | from 170  |                      | 90  | 155   | 155   | 185   |   |                                     |                      | from 146  |   | 85   |                                       |
| 7.4   | 6.5   |                      | 8   | 8.5   | 8.5   | 9   |   |                                     |                      | 8.5   |   | 8  |                                       |
| 610 (24")<br>635 (25")<br>660 (26")   | 560 (22")<br>610 (24")<br>635 (25")<br>660 (26")                              |                      | 508 (20")<br>560 (22")<br>610 (24")<br>635 (25")<br>660 (26") | 508 (20")<br>560 (22")<br>610 (24")<br>635 (25")<br>660 (26") | 508 (20")<br>560 (22")<br>610 (24")<br>635 (25")<br>660 (26") | 508 (20")<br>560 (22")<br>610 (24")<br>635 (25")<br>660 (26") |   |                                     |                      | 610 (24")   |   | 550 (22")<br>600 (24")                                       |                                       |
| -   | -   |                      | -   | -   | -   | -   |   |                                     |                      | 0° – 10°  |   | -  | -                                     |
| 0 or 10 per side  | -   |                      | -   | -   | -   | -   |   |                                     |                      | -   | -   | -  | -                                     |
| 79 or 86  | 70 or 78  |                      | -   | -   | -   | -   |   |                                     |                      | -   | -   | -  | -                                     |
| -   | -   |                      | -   | -   | -   | -   |   |                                     |                      | -   | -   | -  | -                                     |
| 40 – 100  | 40 – 100  |                      | 25 – 70   |   |   |   | 25 – 70   |                                     |                      | 40 – 100  |   |  |                                       |
| 7°  | 7°  |                      | 7°  |   |   |   | 7°  |                                     |                      | 7°  |   |  |                                       |

## FRAME COLOURS



Other frame colours on request / FLASH frame colours see order form

<sup>1)</sup> with 0° wheel camber <sup>2)</sup> individual back heights on request <sup>3)</sup> measured from upper edge of seat belt to centre of footboard



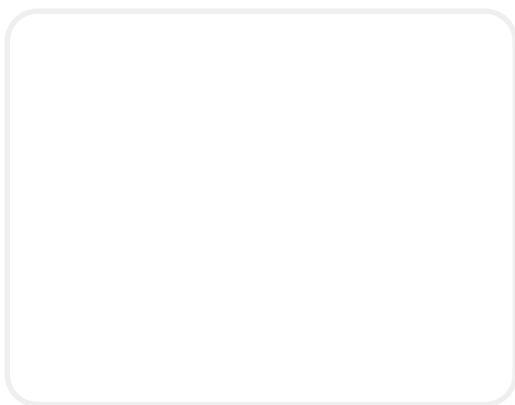
# SPECIFICATIONS

Dimensional tolerances ± 10 mm, ± 2°, data subject to design changes

|  | HURRICANE PRO 1.880         | HURRICANE SPORT 1.880       |   |
|--|-----------------------------|-----------------------------|---|
|  | CODE 353 (24")              | CODE 354 (26")              |   |
| <b>Seat width in mm</b>                                    | 320 – 400                   | 320 – 400                   | 100% made to measure<br>Needs-based manufacturing.<br>Specifications on request |
| <b>Seat depth in mm</b>                                    | 320 – 400                   | 320 – 400                   |   |
| <b>Frame length in mm</b>                                  | 650                         | 700                         |   |
| <b>Axle position, infinitely variable adjustment in mm</b> | 60 – 170                    | 60 – 170                    |   |
| <b>Lower leg length in mm</b>                              | 310 – 430                   | 360 – 480                   |   |
| <b>Backrest angle, fixed in degrees</b>                    | 90° to road surface         | 90° to road surface         |   |
| <b>Side panel aluminium in mm</b>                          | Height: 237 / Length: 405   | Height: 164 / Length: 405   |   |
| <b>Hand rim</b>  | V2A, 6 brackets             | V2A, 6 brackets             |   |
| <b>Tyres, Schwalbe</b>                                     | Speed Air                   | Speed Air                   |   |
| <b>Wheel camber, fixed in degrees</b>                      | 16°                         | 16°                         |   |
| <b>Footboard</b>   | height and angle-adjustable | height and angle-adjustable |   |
| <b>Skate wheel in mm</b>                                   | 80                          | 80                          |   |
| <b>Back strap</b>  | adaptable                   | adaptable                   |   |
| <b>Seat belt</b>   | yes                         | yes                         |   |
| <b>Strap belt</b>  | yes                         | yes                         |   |
| <b>Support castor wheel in mm</b>                          | 60 (double, welded)         | 60 (double, welded)         |   |
| <b>Deflector round, welded</b>                             | yes                         | yes                         |   |







Issue 2024/02

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