

MEYRA®

Netti®



WITH THE
COMPLETE
NANO FAMILY
starting on Page 10

ACTIVE PRODUCTS

Adaptive, active wheelchairs
and options
Issue 2023/01



ADAPTIVE AND ACTIVE WHEELCHAIRS

 SPECIFICATIONS AT A GLANCE STARTING ON PAGE 46

NANO FAMILY

RIGID FRAME WHEELCHAIRS





PAGE 13
NANO C
1.155

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



PAGE 17
NANO C
1.158

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

NANO FAMILY

FOLDING WHEELCHAIRS





Cover photo

PAGE 21
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



PAGE 25
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





PAGE 30
SMART F
2.360

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



PAGE 31
SMART F
2.370

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



ALSO FOR KIDS

PAGE 32
AVANTI
1.736

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



PAGE 33
AVANTI PRO
1.735

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



FOR KIDS

PAGE 36
FLASH
1.135

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

RIGID FRAME WHEELCHAIRS





PAGE 40
HURRICANE DAILY
1.880

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



PAGE 41
HURRICANE S
1.880

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

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

EMPTY WEIGHT
SEATING SYSTEMS

MEYRA®

Netti®



PAGE 37
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@meyra.de

MEDICAL CONDITIONS & FUNCTIONAL REQUIREMENTS

NEWCAMPUS
 MEYRA Netti TA
 PRACTICAL SEMINARS
 & WEBINARS EXPERT
 ADVISER SPECIFIC
 DISEASES UNDER:
[WWW.MEYRA.COM/
NEWCAMPUS](http://WWW.MEYRA.COM/NEWCAMPUS)



NANO C
 STARTING ON PAGE 17

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

ALSO FOR KIDS



-	-	-	-	-	-	-	-	-	-	-	-					
AVANTI 1.736			SMART ^s 2.370			NANO S 1.157			AVANTI PRO 1.735		SMART ^r 2.360					
						NANO X 1.156		NANO 1.155		NANO C 1.158						
						HURRICANE DAILY 1.880			HURRICANE S 1.880							
									FLASH 1.135							
Folding detachable legrests				Folding integrated legrests				Rigid frame wheelchairs				Made to measure				Wheelchairs for children and teenagers
Teenagers and adults with these conditions are still located in the paediatric field, but can of course be fitted with adult wheelchairs.																



FIND OUT MORE
 AT WWW.MEYRA.DE OR CONTACT
 YOUR LOCAL SPECIALIST RETAILER

EXPERTISE ON A NEW LEVEL

Advising customers and adapting aids, be they simple or complex, can only work for the benefit of the user if the specialist retailer has well-founded knowledge of the

product, thus optimising the fitting decision. Benefit from the New-Campus range of seminars, tailored to the needs of the target groups.

THE GOAL ONGOING TRAINING - IN ALL SECTORS:

✓ Product expertise (Specifications and use)

- Multi / S&P
- ePower
- Active

✓ Sales expertise

- Lines of argument
- Sales conversation

✓ Legal expertise

- Patient rights
- Social security law (legislation,

✓ Economic expertise

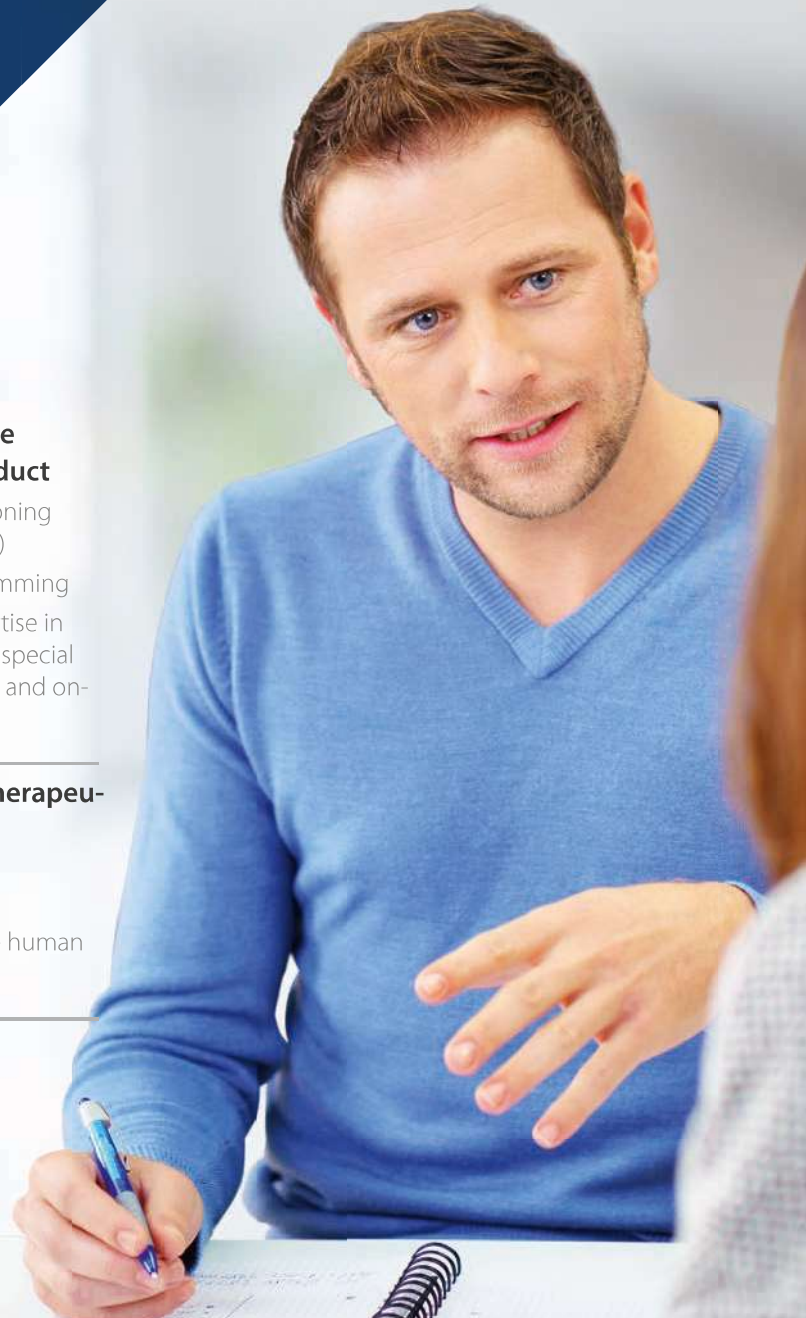
- Contracts
- Fitting concepts (indication-based)

✓ Expertise in the use of the product

- Sitting & positioning (5 seating steps)
- ePower programming
- Technical expertise in custom design, special control systems and on-the-spot repairs

✓ Medical and therapeutic expertise

- Diagnoses & symptoms
- Anatomy of the human body



OUR NEW KNOWLEDGE PROGRAMME

 **NEWCAMPUS**

In NewCampus, we share our knowledge with you in an easy-to-understand way in the form of seminars, webinars, tutorials, telefittings and blended learning. We have developed special training programmes for you in the following main areas.

SEMINAR
CALENDAR
NOW ONLINE

[WWW.MEYRA.COM/
NEWCAMPUS](http://WWW.MEYRA.COM/NEWCAMPUS)



WHEELCHAIR USERS

Fitting concepts

Geriatrics PLUS / Dynamic sitting /
Neuro INDIVIDUAL / Paediatrics / Private market / XXL

Specialist advisor training

- According to medical condition:
Parkinson's / ALS / MS / Decubitus /
Movement disorders / Stroke /
Traumatic brain injury /
Dementia
- Advice on home
living



SEAT POSITIONING

Sitting & positioning

- 5 seating steps for all three
strategic business segments ePower,
Active and Multifunctional/Comfort
- BodyPoint
(where applicable iShear), meas-
uring,
documentation,
etc.



PRODUCTS

Technical training

- ePower programming
- Focus products: Netti 4U CE Plus, Netti III,
AVANTI, NANO, NANO X, NANO C,
iCHAIR NETTI DYNAMIC S, iCHAIR MC2,
iCHAIR MC3, iCHAIR ORBIT, iCHAIR SKY

General product training

- Multi / S&P
- ePower
- Active



GENERAL FRAMEWORK

Argumentation & law

- Argumentation training
- Patient rights
- Contracts

BECOME A SPECIALIST FOR WHEELCHAIRS AND FITTINGS

In our training programmes, the focus is on expertise and interaction in conveying knowledge. Assess the training needs of your employees and use our seminar line-up to achieve measurable learning success. Whether you're looking for training in individual modules or a complete specialist training course across all sectors - we look forward to hearing from you at seminare@meyra.de.

FURTHER INFORMATION AT:
WWW.MEYRA.DE/NEWCAMPUS

MEYRA

THE MEYRA SEAL OF
INDIVIDUALITY

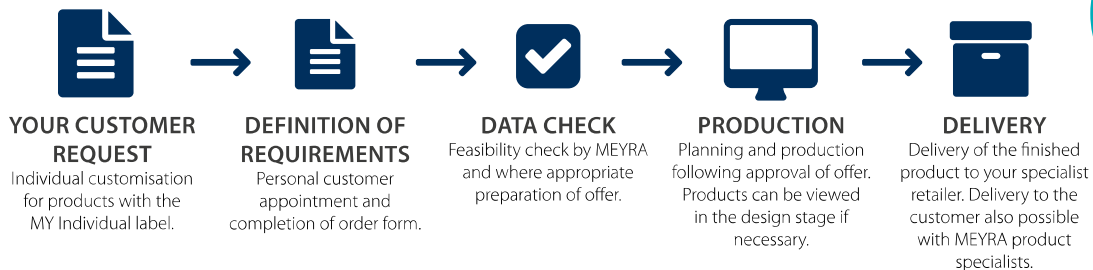


MY INDIVIDUAL

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:



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*
NANO	1.155	130 kg ³⁾	✓ ¹⁾	✓	4 years
NANO X	1.156	130 kg ³⁾	✓ ¹⁾	✓	4 years
NANO C	1.158	100 kg	-	-	2 years
NANO S	1.157	130 kg	application in progress		4 years
SMART^F	2.360	150 kg / 136 kg ³⁾	✓ ¹⁾	✓	4 years
SMART^S	2.370	150 kg / 136 kg ³⁾	✓ ¹⁾	✓	4 years
AVANTI PRO	1.735	135 kg ³⁾	✓ ¹⁾	✓	4 years
AVANTI	1.736	135 kg ³⁾	✓ ¹⁾	✓	4 years
FLASH	1.135	75 kg ²⁾	✓ ¹⁾	✓	2 years

¹⁾ tested in standard version | ²⁾ weight of test dummy 47 kg | ³⁾ 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, crash tests are regularly carried out with new models to test the resilience of our wheelchairs. Findings derived from any deformations that might arise serve as a basis for continuously optimising the design.

THE MEYRA ENDURANCE TEST

MEYRA's tests go beyond the level required by statutory standards. Our quality management system is certified according to DIN EN ISO 13485:2012. The requirements of the standards are verified on a yearly basis and confirmed in a test report. In addition, we carry out stress and reliability tests with increased loads beyond the legally required standard. 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	Double-drum test according to legal standard and additional MEYRA test procedure
DIN EN 12182 DIN EN 12183 DIN ISO 14971 Crash test according to ISO 7196-19	DIN EN 12182 DIN EN 12184 DIN ISO 14971 Crash test according to ISO 7196-19
200,000 cycles	200,000 – 1,000,000 cycles
without overload	with 10% overload
-	additional stress test

ADDITIONAL TESTS

- Check of the wheelchair for sharp corners, edges and points where there is a risk of pinching
- Evaluation of ergonomics and suitability for use
- Performance of road tests on inclines/declines to check tilting stability and braking distance
- Surmounting of obstacles to check the stability of all components





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
- ✓ Over 20 frame colours (digital colour configurator on the subsites)
- ✓ Reflective sticker design (option)

THE FAMILY



STARTING ON PAGE 13

**NANO –
PURE DESIGN**
Compact and sporty
rigid frame wheelchair with
utmost stability.



STARTING ON PAGE 17

**NANO C –
DESIGNED BY
LIGHTNESS**
Light rigid frame wheelchair
with carbon-fibre frame and
components in cooperation
with REFLECTIVE BERLIN.



STARTING ON PAGE 21

**NANO S –
DESIGNED TO
SWING**
The world's first folding
wheelchair with swivelling
and detachable legrests on
an open frame concept.



STARTING ON PAGE 25

**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 13

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 adjust-
ment 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



The NANO impresses with a durable, stable construction 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
- Vario element for perfect adjustment
- 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
- 19 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 upwards



Empty weight 9.5 kg

NANO C

DESIGNED BY LIGHTNESS

NANO C



MEYRA  **REFLECTIVE BERLIN**

PICTURED:
NANO C
STARTING ON PAGE 17

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 in monocoque design. 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

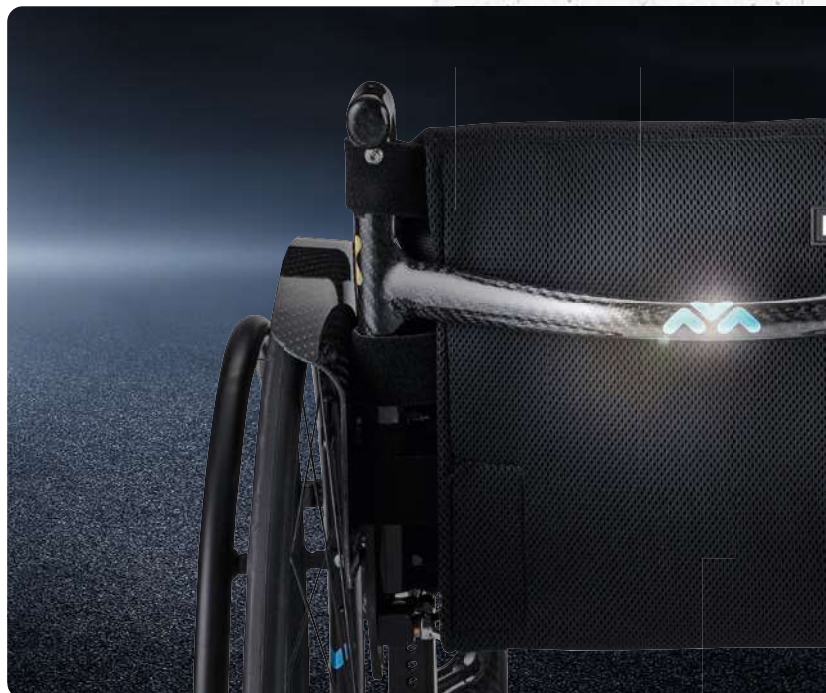




Various reflective stickers are now available for all NANOs. Request information and samples at: marketing@meyra.de

NANO C

DESIGNED BY LIGHTNESS



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 monocoque frame design
- 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

Carbon fibre castor wheels (optional)



Carbon fibre



Empty weight of wheelchair 7.5 kg



Narrowest overall width from 480 mm upwards



NANO S

DESIGNED TO SWING

PICTURED:
NANO S
STARTING ON PAGE 21

NANO S 1.157

THE WORLD'S FIRST FOLDING WHEELCHAIR WITH SWIVELLING AND DETACHABLE LEGRESTS ON AN OPEN FRAME CONCEPT

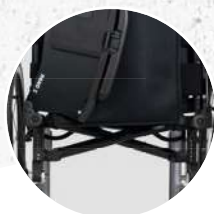
With its swivelling and detachable legrests, the NANO S is ideally suited for all neurological fittings. It also enables the user's legs to be exercised efficiently, for example with foot propulsion fitting and exerciser.

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



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 release 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

21 frame colours to choose from at no extra cost

In addition to standard drive wheels, active and Spinegy carbon fibre and aluminium drive wheels plus others are also available

Castor wheel connection milled from one piece

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 upwards



3 frame lengths: short, medium or long



NANO X

DESIGN YOUR FREEDOM



PICTURED:
NANO X
STARTING ON PAGE 25

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



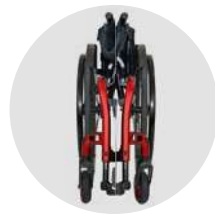
Individual footplates in frame colour, flip-up, depth and angle-adjustable (optional)



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



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 more than 20 frame colours

In addition to standard drive wheels, active and Spinegy carbon fibre drive wheels are also available

Castor wheel connection milled from solid material

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 upwards



Narrow folding dimensions, narrowest overall width 380 - 440 mm

MODERN. SAFE. INNOVATIVE.

MEYRA[®]
Lichtsystem

LED footboard



Tyre pressure monitoring system



THE INNOVATIVE LED FOOTBOARD

- 14 long-life LEDs for bright illumination of the road
- Light beam adjustable by 120°
- The LED rear light ensures excellent visibility in road traffic and enables you to detect obstacles in good time
- 12 V lithium ion battery with 30 hours' service life, easy charging via charger socket on the back
- Footboard of folding wheelchairs folds up by 90°
- Low additional weight
- Operation via smartphone app or directly on the footboard
- For retrofitting to a wide range of MEYRA wheelchairs

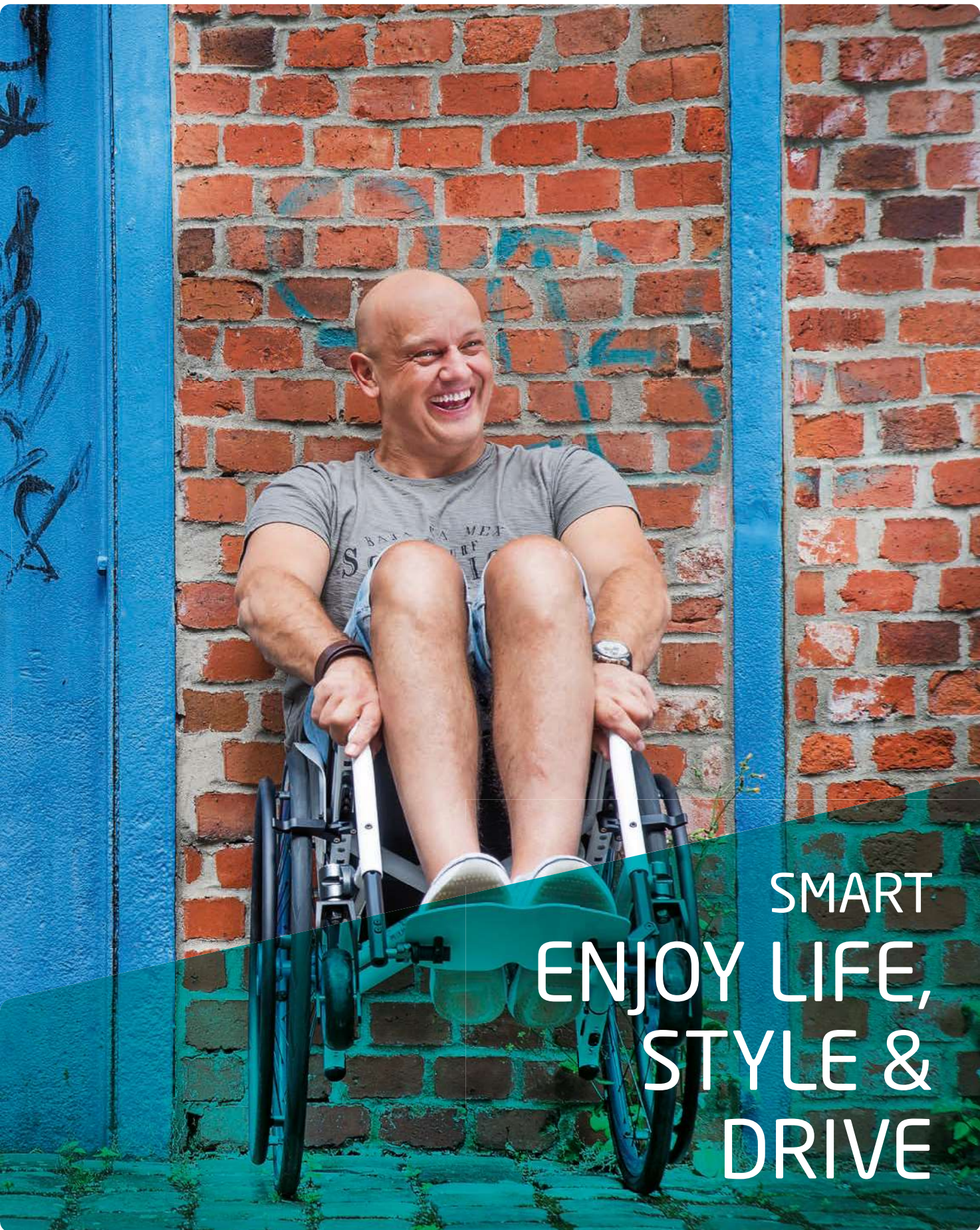
TYRE PRESSURE MONITORING SYSTEM

**Ensure the perfect propulsion of your wheelchair yourself
With the unique tyre pressure monitoring system**

Tyre pressure is crucial in determining the performance of a wheelchair. This tool developed especially for wheelchairs puts the performance in your hands. For retrofitting to a wide range of MEYRA wheelchairs.

- Sensor can easily be screwed onto the tyre valve
- Smartphone connection via Bluetooth
- Monitoring of tyre pressure via app
- Configurable alarm for when threshold values are exceeded or battery level is low
- Tyre pressure range from 1 - 9 bar, reduced tyre wear
- With replaceable coin cell battery

MEYRA[®]
Reifendruckkontrollsystem



SMART
ENJOY LIFE,
STYLE &
DRIVE

PICTURED:
SMART
PAGE 30

SMART^F 2.360

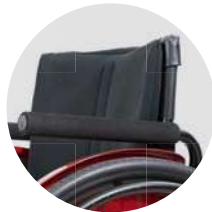
USER PROFILE

- ✓ 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^F 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^S 2.370

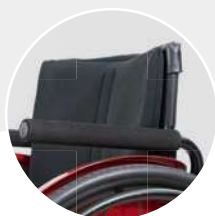
USER PROFILE

- ✓ 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^S make for perfect handling characteristics - dynamic, easy to tilt and agile. The optimised folding system of the SMART^S 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

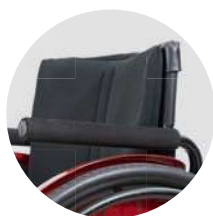
USER PROFILE

- ✓ 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)



Eccentric adjustment steering head



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

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

3° wheel camber (optional)

Drive wheel axle adjustable in four horizontal and nine vertical positions

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



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



Pro-Design (integrated legrests)

3° wheel camber (optional)

On track handling



Two frame lengths

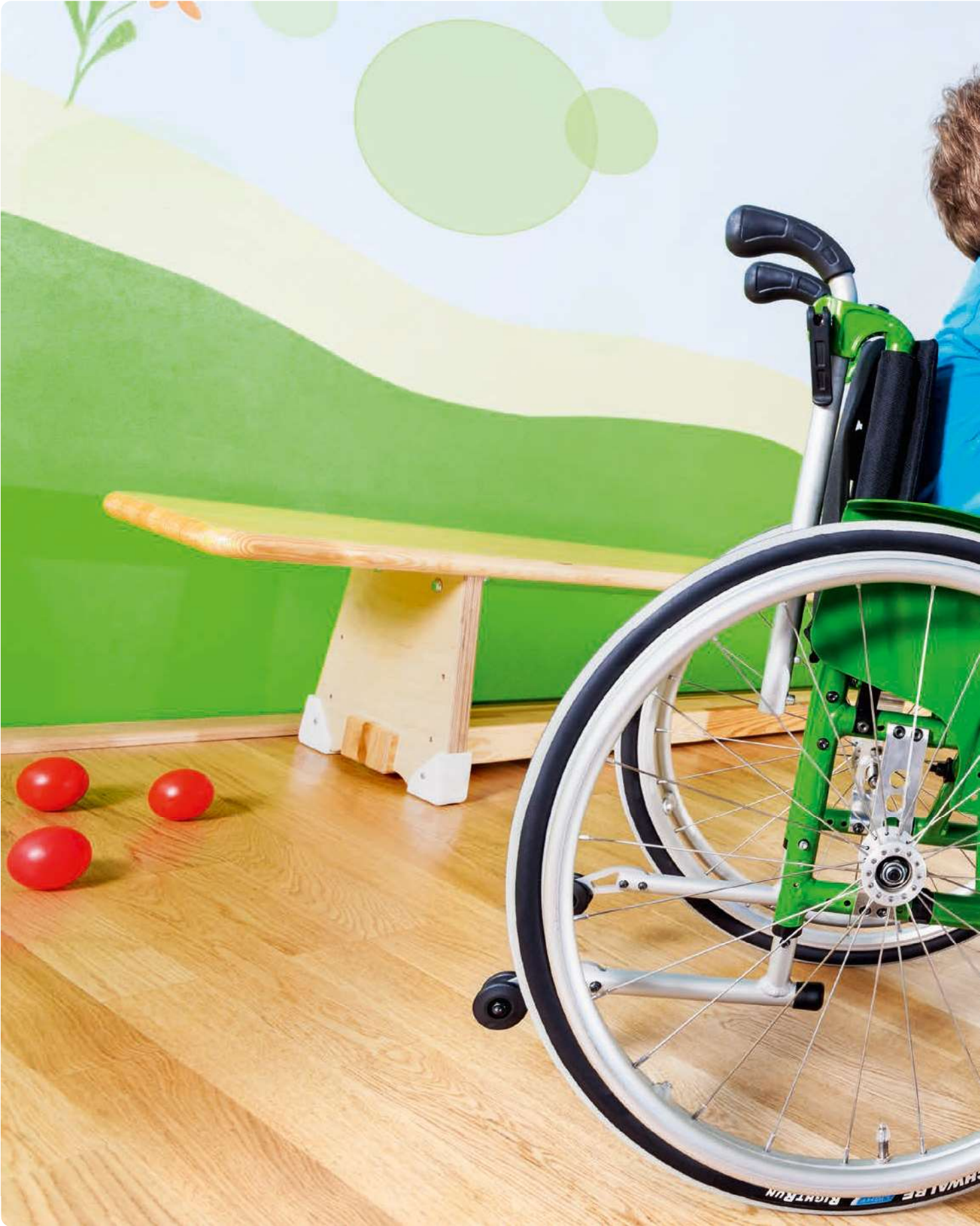


Seat widths from 360 – 580 mm



Back heights from 340 – 440 mm







FLASH
IMMENSELY
FLEXIBLE

PICTURED:
FLASH
PAGE 36

FLASH 1.135

USER PROFILE

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

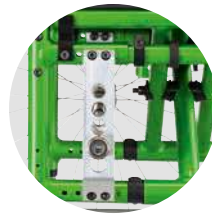
THE COOL, MAXIMUM VARIABILITY FOLDING WHEELCHAIR FOR CHILDREN

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 upwards



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 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
PAGE 42

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 footboard 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 upwards



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 8 kg upwards



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

The HURRICANE S is a made to measure rigid frame wheelchair with open S frame; each measurement is precisely tailored down to the very last millimetre. It therefore offers the most individual and needs-based adaptation to the abilities of the user.

- 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 upwards

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 7.5 kg upwards



Made to measure



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 individu-
ally 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





100%
HANDMADE
IN GERMANY

PICTURED:
HURRICANE SPORT
PAGE 42

NOTES

A series of horizontal lines for taking notes.

SPECIFICATIONS

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

NANO 1.155

NANO X 1.156

NANO S 1.157

NANO C 1.158

SMART^f 2.360

	351 Frame short	352 Frame medium	353 Frame long	351 Frame short	352 Frame medium	353 Frame long	351 Frame short	352 Frame medium	353 Frame long	-	351 Frame short	352 Frame medium	353 Frame long
Frame versions													
Seat width in mm	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	320 / 340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500 / 520		
Total width in mm	SW + 170			SW + 160			490 – 740			SW+ 160 ¹⁾	SW + 180		
Width, ready to move, in mm	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	500 / 520 / 540 / 560 / 580 / 600 / 620 / 640 / 660 / 680 / 700		
Width, folded, in mm	-			320 at 0° or 370 at 3°			320			-	280 at 0° wheel camber or 330 at 3° wheel camber		
Height, folded, in mm	-			610			-			-	-		
Seat depth in mm	380 / 400 / 420 / 440 / 460 / 480 / 500			380 – 500			380 / 400 / 420 / 440 / 460 / 480 / 500			380 / 400 / 420 / 440 / 460	380 / 400 / 420 / 440 / 460 / 480 / 500		
Seat height, front, in mm	450 – 530			450 – 530			450 – 550			450 – 530	440 – 530		
Seat height, rear, in mm	360 – 510			360 – 510			360 – 510			360 – 510	400 – 530		
Total height in mm	Seat height rear + back height			Seat height rear + back height			Seat height rear + back height			Seat height rear + back height	Seat height rear + back height		
Back height in mm	variable from 250 to 450, +/- 15			variable from 250 to 450 +/- 15 mm			variable from 250 to 450 + - 15 mm			250 – 400 ²⁾	variable from 250 to 500, + 25		
Back angle adjustment in degrees	-5 / 0 / 5 / 10			-5 / 0 / 5 / 10			-5 / 0 / 5 / 10			-5 / 0 / 5 / 10	optional		
Armrest height in mm							200 – 275				approx. 170 – 245		
Length with / without footrest in mm	720 – 920 (depending on frame length, wheel size and axle position)			720 – 920 (depending on frame length, wheel size and axle position)			835 – 995 (depending on frame length, wheel size and axle position)			800 – 982 (depending on frame length, wheel size and axle position)	880 – 1,030 (depending on frame length, wheel size and axle position)		
Lower leg length in mm	310 – 480			310 – 480			350 – 500			310 – 480	300 – 480		
User weight in kg	130			130			130			100	150		
Empty weight in kg	from 9.5			from 9			from 10			from 7.5	from 9.5		
Permissible total weight in kg	145			145			145			110	165		
Transport weight in kg	6.5			6.5			7			from 5	7.4		
Drive wheel in mm (inches)	610 (24") 635 (25") 660 (26")			600 (24") 635 (25") 660 (26")			600 (24") 635 (25") 660 (26")			600 (24") 635 (25") 660 (26")	610 (24") 635 (25") 660 (26")		
Seat tilt in degrees	-			-			-			-	-		
Frame inset in mm	0 or 20 per side			0 or 20 per side			-			20 per side	0 or 10 per side		
Front frame angle in degrees	80 or 88			80 or 88			-			80	79 or 86		
Legrest angle in degrees	-			-			86			-	-		
Centre of gravity in mm	15 – 145			35 – 147			35 – 147			45 – 145	40 – 100		

HURRICANE PRO 1.880

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

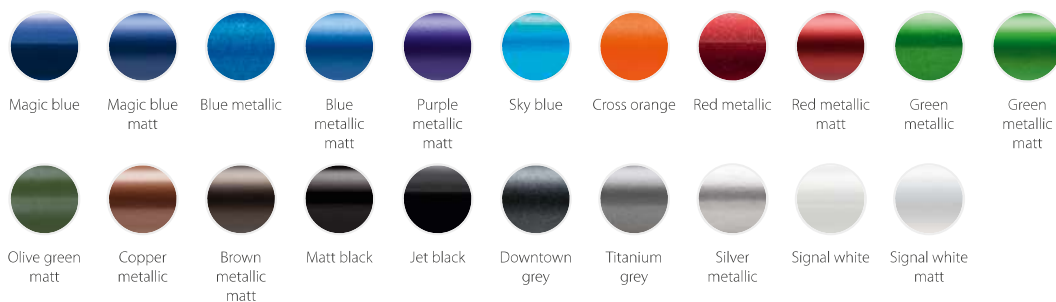
¹⁾ with 0° wheel camber ²⁾ individual back heights on request ³⁾ measured from upper edge of seat belt to centre of footboard

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

HURRICANE SPORT 1.880

100% made to measure
Needs-based manufacturing.
Specifications on request

FRAME COLOURS



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



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