



ACTIVE

Adaptive & Active Wheelchairs and Options

ADAPTIVE AND ACTIVE WHEELCHAIRS

RIGID-FRAME WHEELCHAIRS

MEYRA®



PAGE 13

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



STARTING ON
PAGE 19
**NANO
1.155**

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



STARTING ON
PAGE 23
**NANO C
1.158**

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



PAGE 34

HURRICANE DAILY 1.880

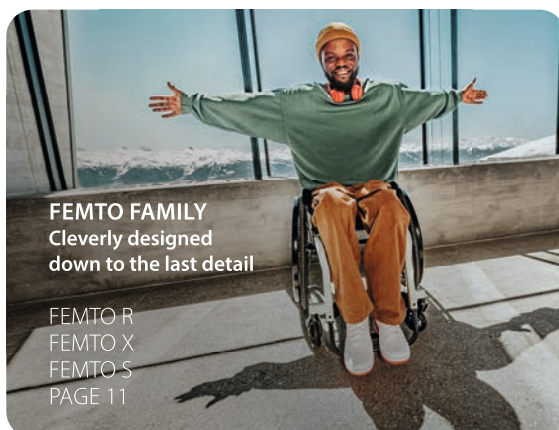
- Individual customisation
- Tuned chassis for perfect handling
- Handmade & precisely dimensioned, sporty everyday companion
- 100% made in Kalldorf



PAGE 35

HURRICANE S 1.880

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



FEMTO FAMILY
Cleverly designed
down to the last detail

FEMTO R
FEMTO X
FEMTO S
PAGE 11



NANO FAMILY
Stylish. Sporty.
Compact.

NANO
NANO C
NANO S
NANO X
PAGE 17

FOLDING WHEELCHAIRS

MEYRA®



PAGE 14

FEMTO S 1.186

- Folding wheelchair with swing-away and detachable legrests
- Unique combination of functionality and lightness
- Leg supports can be swung away and swivelled back without use of the hands



PAGE 15

FEMTO X 1.185

- Folding wheelchair with fixed front frame and maximum rigidity
- High frame rigidity for precise handling
- Ergonomic frame design for easy transfer
- Uncompromisingly light – ready to ride from 9.5 kg



STARTING ON
PAGE 27
**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 31
**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

Cover photo

FOLDING WHEELCHAIRS

MEYRA®



PAGE 36
SMART^F
2.360

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



PAGE 37
SMART^S
2.370

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



PAGE 38
AVANTI
1.736

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



PAGE 39
AVANTI PRO
1.735

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



PAGE 42
FLASH
1.135

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

Also for
children and
teenagers

FOR
KIDS

SPORTS WHEELCHAIRS

MEYRA®



PAGE 46
HURRICANE SPORT
1.880

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



PAGE 47
HURRICANE PRO
1.880

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



HURRICANE PRO
PAGE 47

SEAT & BACK SYSTEMS

The Netti and MEYRA wheelchair cushions and backs are easy to handle and therefore quick to use. An optimum sitting position is achieved by pairing seat and back. This distinctly improves skin protection and ensures sitting stability.

PAGE 48

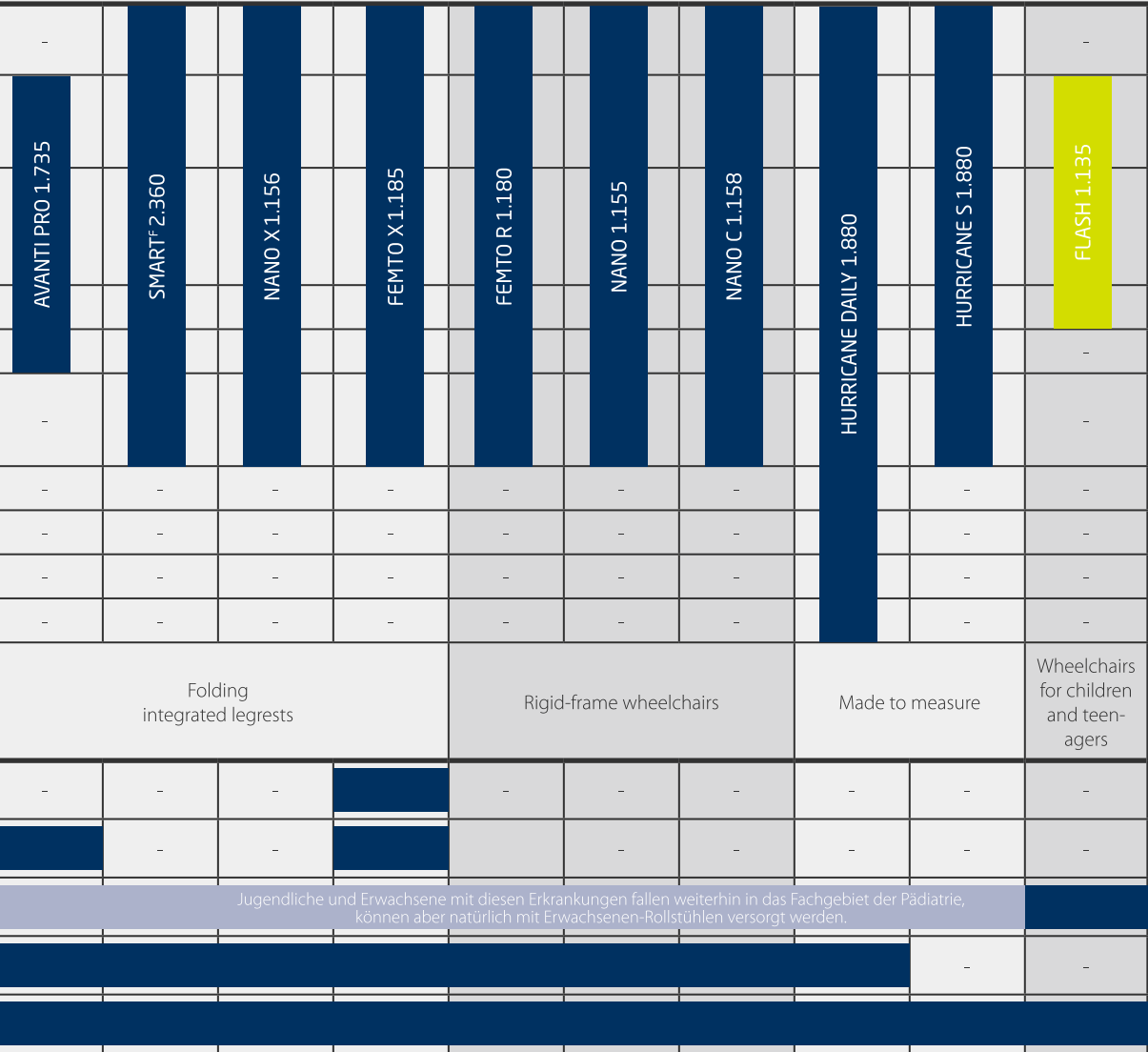


SPECIFICATIONS
AT A GLANCE STARTING ON PAGE 50

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	Folding detachable legrests								
Geriatrics									
Internal medicine									
Paediatrics									
Neurology									
Orthopaedics, traumatology									





WEBINARS
AVAILABLE 24/7
German webinars
incl. certificate

SPECIALIST SEMINARS

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

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.

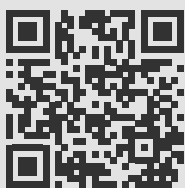
SPECIALIST SEMINARS

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



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

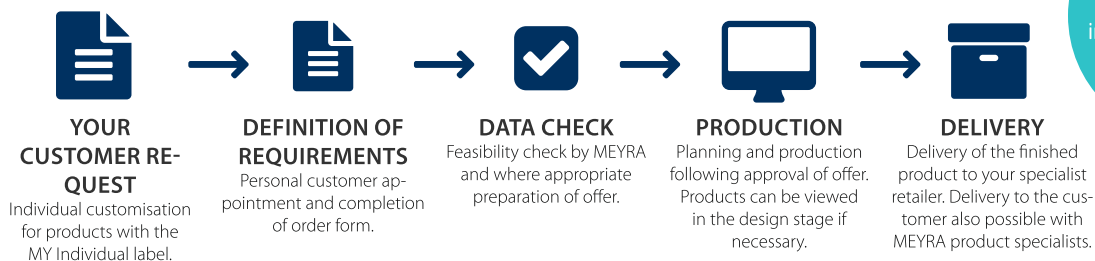


MY INDIVIDUAL

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

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*
FEMTO R	1.180	125 kg	✓ ¹⁾	✓	4 years
FEMTO S	1.186	130 kg	✓ ¹⁾	✓	4 years
FEMTO X	1.185	130 kg	✓ ¹⁾	✓	4 years
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	✓ ¹⁾	✓	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, 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

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 DIN EN 21856 DIN EN 12183	Double-drum test according to legal standard and additional MEYRA test procedure ISO 7176-8
200,000 cycles	200,000 – 300,000 cycles
without overload	with 10% overload
-	additional stress test





**PICTURED:
FEMTO X**
STARTING ON PAGE 15



Scan for FEMTO R:
[www.meyra.com/
femto-r](http://www.meyra.com/femto-r)



Scan for FEMTO X / S:
[www.meyra.com/
femto-x-s](http://www.meyra.com/femto-x-s)

FEMTO FAMILY

Cleverly designed down to the last detail



FEMTO – DESIGNED BY
RAINER KÜSCHALL

With the FEMTO X and FEMTO S, MEYRA is expanding the FEMTO family with two new models for active users in need of a folding wheelchair – without compromising on design, function or adaptability.

What all FEMTOs have in common: a clear design, ergonomic lines and the option of customising the wheelchair precisely to individual requirements – for daily living, leisure and work.

The FEMTO family was developed in collaboration with Swiss designer Rainer Küschall. His expertise and eye for detail opened up new perspectives and novel approaches for us. Rainer Küschall is himself a tetraplegic and experienced rehabilitation in a wheelchair first-hand after an accident. He eventually became a pioneer in wheelchair manufacturing himself. One of his early frame designs was the first aid to be exhibited at the New York Museum of Modern Art.

HIGHLIGHTS AND OPTIONS OF THE FEMTO FAMILY

- ✓ High-quality standard equipment
- ✓ Modular concept
- ✓ FEMTO 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)

THE FAMILY



STARTING ON PAGE 13

FEMTO R

Compact rigid-frame wheelchair with utmost stability.



PAGE 14

FEMTO S

Light-weight folding wheelchair with swing-away and detachable legrests.



PAGE 15

FEMTO X

Light-weight folding wheelchair with fixed front frame.



FEMTO R

fuse together



Information and video:
www.meyra.com/femto-r



The FEMTO R was designed in collaboration with Rainer Küschall. 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

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



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



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.

RIGID-FRAME
WHEELCHAIRS

FEMTO R - fuse together

FEMTO S

1.186

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

THE LIGHT-WEIGHT FOLDING WHEELCHAIR WITH SWING-AWAY AND DETACHABLE LEGRESTS

The FEMTO S is ideal for users looking for a flexible wheelchair suitable for everyday use. The legrests can also be operated without use of the hands, making the FEMTO S particularly suitable for use in institutions or for neurological conditions.

- Active adjustment options for ideal handling
- Ultralight from 9.7 kg
- Frame length depends on the seat depth for optimum ergonomics
- Seat widths from 320 – 520 mm
- Seat depths from 340 – 500 mm
- Optimum adjustability of the castor fork guarantees perfect directional stability
- Easy handling and transfer
- Modular frame concept with hydroformed profile tubes
- Very stable thanks to few screw connections and minimal weight
- Easy adjustment



Reduced frame design



Castor wheel adjustment



Multifunctional legrests



Swing-away and detachable legrests

Folding

Detachable wheels



User weight up to 130 kg



Low empty weight from 9.7 kg up



Seat widths from 320 – 520 mm



FEMTO X

1.185

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)
- ✓ For very active wheelchair users, handbikers and frequent travellers

THE LIGHT-WEIGHT FOLDING WHEELCHAIR WITH FIXED FRONT FRAME

The FEMTO X impresses with its exceptional ride stability and sporty performance. It is aimed at users with a very active lifestyle who want to take control of their own mobility.

- Active adjustment options for ideal handling
- Ultralight from 9.5 kg
- Frame length depends on the seat depth for optimum ergonomics
- Seat widths from 320 – 520 mm
- Seat depths from 340 – 500 mm
- Optimum adjustability of the castor fork guarantees perfect directional stability
- Easy handling and transfer
- Modular frame concept with hydroformed profile tubes
- Very stable thanks to few screw connections and minimal weight
- Easy adjustment



Parallel folding



Precise
castor wheel
adjustment



Back angle
adjustment



Detachable back

Two front frame angles



User
weight
up to 130 kg



Low
empty weight
from 9.5 kg up



Seat widths
from 320 –
520 mm





NANO FAMILY



Scan for NANO Family:
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 19

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



STARTING ON PAGE 23

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



STARTING ON PAGE 27

**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 31

**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 19

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



More information at
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

MEYRA[®]  REFLECTIVE BERLIN

PICTURED:
NANO C
STARTING ON PAGE 23

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
rigidity



MEYRA® REFLECTIVE BERLIN



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



NANO C

DESIGNED BY LIGHTNESS



More information at 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 stickers 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



NANO S

DESIGNED TO SWING

PICTURED:
NANO S
STARTING ON PAGE 27

NANO S 1.157

THE WORLD'S FIRST FOLDING WHEELCHAIR WITH AN OPEN FRAME CONCEPT (MONO TUBE) INCL. SWIVELLING 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

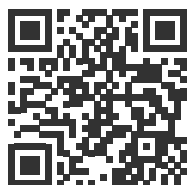


The removable side panel with height-adjustable armrest incl. one-hand operation also offers a swing-up function and ensures a very narrow overall width.





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, Spinergy 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



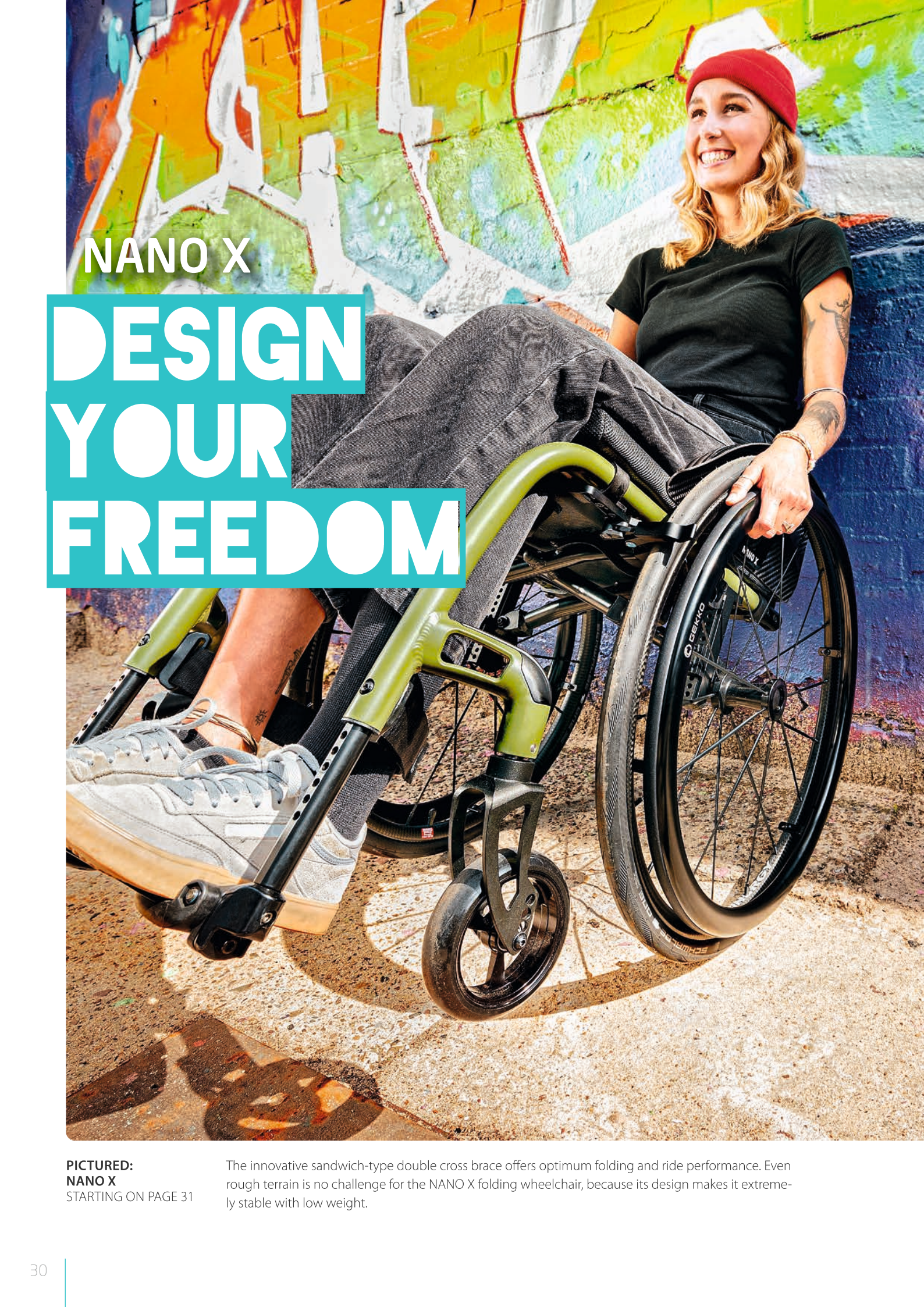
User weight
up to 130 kg



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 31

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



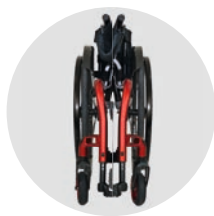
Individual footplates in frame colour, flip-up, depth and angle-adjustable (optional)



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





XXXXXXXXXXXXXXXXXXXXXXXXXXXX

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, Spinergy 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

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 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

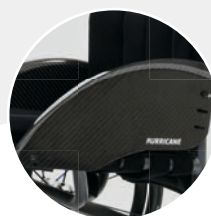
USER PROFILE

- ✓ 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



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

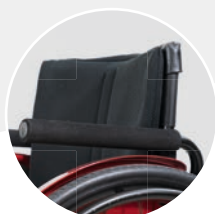
USER PROFILE

- ✓ 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 force

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

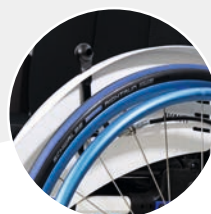
- ✓ Adaptive wheelchair for universal everyday use
- ✓ Long-term fitting for high adaptation requirements
- ✓ Very well suited for a wide range of medical conditions
- ✓ For paraplegic fittings

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
PAGE 42

FLASH 1.135

USER PROFILE

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

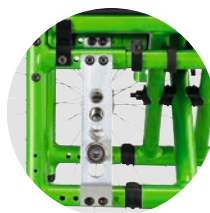
THE COOL, MAXIMUM VARIABILITY FOLDING WHEELCHAIR FOR CHILDREN

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

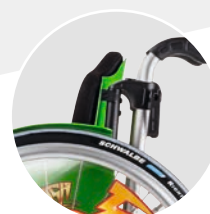
THE CHILDREN'S WHEELCHAIR BACK SHELL THAT GOES WITH A SWING

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 tub 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.





A man in a black athletic jersey and shorts is sitting in a wheelchair on a green basketball court. He is smiling and looking towards the camera. The background shows a basketball court with green and white bleachers. A teal diagonal graphic element is overlaid on the bottom right of the image.

DECADES OF EXPERIENCE IN MADE-TO-MEASURE WHEELCHAIRS

PICTURED:
HURRICANE PRO
PAGE 47

HURRICANE SPORT 1.880

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.

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.

- 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



SEATING SYSTEMS

The Netti, RIDE and MEYRA wheelchair cushions and backs are easy to handle and therefore quick to use. An optimum sitting position is achieved by pairing seat and back.



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:



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:



FOR A DETAILED PRODUCT DEMONSTRATION, PLEASE
CONTACT YOUR AREA MANAGER OR EMAIL US AT
info@meyragroup.com

BACK SYSTEMS



Flash back system 1.135

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

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:



SPECIFICATIONS

SPECIFICATIONS

FEMTO R 1.180

FEMTO X 1.185

FEMTO S 1.186

Frame versions	351 Frame short	352 Frame medium	353 Frame long	Depending on the seat depth	Depending on the seat depth
Dimensions					
Seat width in mm	320 / 340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500			320 / 340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500 / 520	320 / 340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500 / 520
Total width in mm	SW + 170			SW + 170	SW + 170
Width, ready to move, in mm	510 – 810			450 – 760	450 – 760
Width, folded, in mm	-			280 at 0° wheel camber / 330 at 3° wheel camber	280 at 0° wheel camber / 330 at 3° wheel camber
Height, folded, in mm	-			-	-
Seat depth in mm	340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500			340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500	340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500
Seat height, front, in mm	450 – 530			440 – 560	440 – 560
Seat height, rear, in mm	390 – 500			390 – 530	390 – 530
Total height in mm	Seat height rear + back height			Seat height rear + back height	Seat height rear + back height
Back height in mm	250 – 450 (60 mm telescopic in 15 mm increments)			variable from 250 – 500 (adjustable in 15 mm increments)	variable from 250 – 500 (adjustable in 15 mm increments)
Back angle adjustment in degrees	-5 / 0 / 5 / 10 / 15			Configurable as standard -10 / -5 / 0 / +5 / +10	Configurable as standard -10 / -5 / 0 / +5 / +10
Armrest height in mm	-			approx. 170 – 245	approx. 170 – 245
Length with / without footrest in mm	760– 860 (depending on frame length and wheel size)			810 – 1,130 (depending on frame length, wheel size and axle position)	790 – 1,105 670 – 830 (depending on frame length, wheel size and axle position)
Lower leg length in mm	300 – 480			370 – 520	370 – 520
Drive wheel in mm (inches)	600 (24") 635 (25")			600 (24") 635 (25") 660 (26")	600 (24") 635 (25") 660 (26")
Seat tilt in degrees	-			-	-
Frame inset in mm	0 or 20 per side			-	-
Front frame angle in degrees	80 or 88			70 or 80	70 or 80
Legrest angle in degrees	-			-	-
Centre of gravity in mm	-15 – 145			-25 – 115	-25 – 115
Weight					
User weight in kg	125			130	130
Empty weight in kg	from 8.5			from 9.5	from 9.7
Permissible total weight in kg	140			145	145
Transport weight in kg	from 5.6			7.4	7.4
Brake test according to STANDARD	7°			7°	7°

SPECIFICATIONS

SPECIFICATIONS	NANO 1.155			NANO X 1.156			NANO S 1.157			NANO C 1.158
Frame versions	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	-
Dimensions										
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
Total width in mm	SW + 170			SW + 160			SW + 160			SW+ 160 ¹⁾
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
Width, folded, in mm	-			320 at 0° wheel camber or 370 at 3° wheel camber			320 at 0° wheel camber or 370 at 3° wheel camber			-
Height, folded, in mm	-			610			610			-
Seat depth in mm	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 – 550			450 – 530
Seat height, rear, in mm	360 – 510			360 – 510			360 – 510			360 – 510
Total height in mm	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⁾
Back angle adjustment in degrees	-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 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)
Lower leg length in mm	310 – 480			310 – 480			350 – 500			310 – 480
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")
Seat tilt in degrees	-			-			-			-
Frame inset in mm	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
Legrest angle in degrees	-			-			86			-
Centre of gravity in mm	15 – 145			35 – 147			35 – 147			45 – 145
Brake test according to STANDARD	7°			7°			7°			7°
Weight										
User weight in kg	130			130			130			100
Empty weight in kg	from 9.5			from 9			from 10			from 7.5
Permissible total weight in kg	145			145			145			110
Transport weight in kg	6.5			6.5			7			from 5

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

SPECIFICATIONS

SPECIFICATIONS	SMART ^F 2.360			SMART ^S 2.370			AVANTI 1.736				AVANTI PRO 1.735	
Frame versions	351 Frame short	352 Frame medium	353 Frame long	351 Frame short	352 Frame medium	353 Frame long	351 Frame short	352 Frame medium	349 Frame medium short- ened	353 Frame long	352 Frame standard	353 Frame long
Dimensions												
Seat width in mm	320 / 340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500 / 520			320 / 340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500 / 520			300 – 360	360 – 580	360 – 580	360 – 580	360 – 580	360 – 580
Total width in mm	SW + 180			SW + 180			SW + 180				SW + 180	
Width, ready to move, in mm	500 / 520 / 540 / 560 / 580 / 600 / 620 / 640 / 660 / 680 / 700			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)	
Width, folded, in mm	280 at 0° wheel camber or 330 at 3° wheel camber			280 at 0° wheel camber or 330 at 3° wheel camber			280				280	
Height, folded, in mm	-			-			-	-	-	-	-	-
Seat depth in mm	380 / 400 / 420 / 440 / 460 / 480 / 500			380 / 400 / 420 / 440 / 460 / 480 / 500			330 – 380	350 – 460	380 – 400	480 – 530	350 – 430	460 – 500
Seat height, front, in mm	440 – 530			400 – 540			370 – 500	370 – 560	370 – 560	370 – 560	440 – 520	440 – 520
Seat height, rear, in mm	400 – 530			370 – 530			370 – 470	390 – 520	385 – 520	390 – 520	420 – 520	440 – 520
Total height in mm	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 500, + 25			variable from 250 to 500, + 25			340 – 400	380 – 500	380 – 500	380 – 500	340 – 440	340 – 440
Back angle adjustment in degrees	optional			optional			optional				optional	
Armrest height in mm	approx. 170 – 245			approx. 170 – 245			165 – 240	200 – 290	200 – 290	200 – 290	200 – 290	200 – 290
Length with / without footrest in mm	880 – 1,030 (depending on frame length, wheel size and axle position)			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)
Lower leg length in mm	300 – 480			270 – 490			290 – 520				-	-
Drive wheel in mm (inches)	610 (24") 635 (25") 660 (26")			560 (22") 610 (24") 635 (25") 660 (26")			508 (20") 560 (22") 610 (24") 635 (25") 660 (26")	508 (20") 560 (22") 610 (24") 635 (25") 660 (26")	508 (20") 560 (22") 610 (24") 635 (25") 660 (26")	508 (20") 560 (22") 610 (24") 635 (25") 660 (26")	610 (24")	
Seat tilt in degrees	-			-			-	-	-	-	0° – 10°	
Frame inset in mm	0 or 10 per side			-			-	-	-	-	-	-
Front frame angle in degrees	79 or 86			70 or 78			-	-	-	-	-	-
Legrest angle in degrees	-			-			-	-	-	-	-	-
Centre of gravity in mm	40 – 100			40 – 100			25 – 70				25 – 70	
Brake test according to STANDARD	7°			7°			7°				7°	
Weight												
User weight in kg	150			150			75	135	135	160	135	
Empty weight in kg	from 9.5			from 10.5			from 12	from 13	from 13	from 14	from 11	
Permissible total weight in kg	165			from 170			90	155	155	185	from 146	
Transport weight in kg	7.4			6.5			8	8.5	8.5	9	8.5	

SPECIFICATIONS

FLASH
1.135HURRICANE PRO
1.880HURRICANE SPORT
1.880

CODE	-		CODE 353 (24")	CODE 354 (26")
Frame versions	Midi	Maxi	650 mm frame length	700 mm frame length
Dimensions				
Seat width in mm	240 – 300	240 – 400	320 – 400	320 – 400
Total width in mm	SW + 180 (at 0°) / SW + 220 (at 3°) / SW + 260 (at 6°)		-	-
Width, ready to move, in mm	-	-	-	-
Width, folded, in mm	-	-	-	-
Height, folded, in mm	-	-	-	-
Seat depth in mm	240 – 300	320 – 400	320 – 400	320 – 400
Seat height, front, in mm	390 – 470	390 – 480	-	-
Seat height, rear, in mm	360 – 440	390 – 470	-	-
Total height in mm	RSH + BH + 40		-	-
Back height in mm	250 – 400		-	-
Back angle adjustment in degrees	75° – 105°		90° to road surface, fixed	90° to road surface, fixed
Armrest height in mm	-	-	-	-
Length with / without footrest in mm	670 – 745	855 – 930	-	-
Lower leg length in mm	200 – 290	250 – 320/ 330 – 440 ³⁾	310 – 430	360 – 480
Drive wheel in mm (inches)	550 (22") 600 (24")		-	-
Seat tilt in degrees	-	-	-	-
Frame inset in mm	-	-	-	-
Front frame angle in degrees	-	-	-	-
Legrest angle in degrees	-	-	-	-
Centre of gravity in mm	40 – 100		-	-
Brake test according to STANDARD	7°		-	-
Axle position, infinitely variable adjustment in mm	-		60 – 170	60 – 170
Weight				
User weight in kg	75		-	-
Empty weight in kg	from 10		-	-
Permissible total weight in kg	85		-	-
Transport weight in kg	8		-	-
Features				
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

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

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



FRAME COLOURS

Individual down to the last detail

The wide range of colours available means that every MEYRA Active wheelchair can be adapted to suit individual colour preferences. Design and colour thus form a unique package.



Blue metallic



Sky blue



Red metallic



Red metallic matt



Green metallic



Olive green matt



Matt black



Titanium grey



Silver metallic



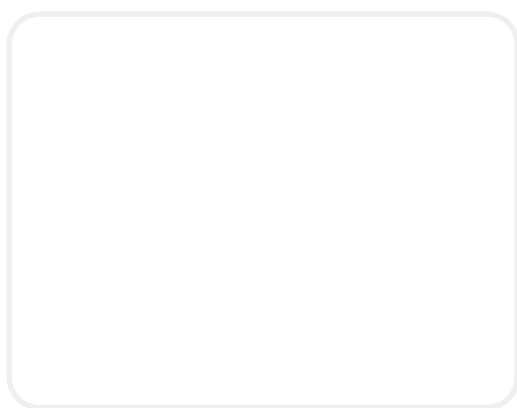
Chalk

*FLASH frame colours see order form

OTHER
FRAME COLOURS
ON REQUEST*
info@meyragroup.com



NOTES



Issue 2025/03

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