



**ACTIVE
PRODUCTS**

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MEDICAL CONDITIONS & FUNCTIONAL REQUIREMENTS

MEYRA® ACTIVE WHEELCHAIRS



MEDICAL CONDITIONS

ALS										
MS Multiple sclerosis										
Tetraplegia										
Paraplegia										
Spina bifida										
Brittle bone disorder										
Duchenne muscular dystrophy, SMA										
CP, cerebral palsy										
Dwarfism										
Traumatic brain injury										
Leg amputations										
Short-term care following surgical and orthopaedic operations										
Parkinson's										
Stroke										
Obesity										
Geriatric care										
	Avanti 1.736	Smart [†] 2.370	Avanti Pro 1.735	Smart [‡] 2.360	Nano 1.155	Hurricane Everyday 1.880	Hurricane S 1.880	Flash 1.135	Avanti Junior 1.736	
	Folding detachable legrests	Folding integrated legrests	Rigid-frame wheelchairs	Custom made	Wheelchairs for children and teenagers					
Geriatrics										
Internal medicine										
Paediatrics	Young people and adults with these conditions are still located in the paediatric field, but can of course be provided with adult wheelchairs									
Neurology										
Orthopaedics, traumatology										

FUNCTIONAL REQUIREMENTS IN THE VARIOUS MEDICAL FIELDS

THE NEW LIGHTING CONCEPT

The integration of an LED strip light in the footplate enhances safety for the user and adds to the visual appeal of the wheelchair. The strip light comprises 14 small LED lamps and can be fitted to different wheelchairs. Operation via a Bluetooth interface enables simple smartphone control. With its lithium ion battery, the lighting concept offers up to 30 hours light time. The charger socket enables easy battery charging.

PURE DESIGN

NANO - DESIGN IN PERFECTION

- Rigid frame with open frame concept
- Castor wheels with precise adjustment
- Wide range of frame colours
- Detachable side panels
- Variable element for perfect adaptation
- Backrest folds to seat as standard
- Very narrow overall width
- Excellent for loading
- Unique ride quality and comfort



NANO
1.155



MODERN.
SAFE.
INNOVATIVE.

JUST HURRICANE

HURRICANE EVERYDAY – RELIABLE AND UNCOMPROMISING

- Made to measure wheelchair, adapted precisely to the user's body measurements
- Perfect balance of weight and stability
- Individual colour concept
- High-grade materials (e.g. 7020 T6 aluminium and carbon)
- Side panels adapted individually to the sitting position
- Rigid frame with permanently welded chassis



HURRICANE
EVERYDAY
1.880



HURRICANE S
1.880



HURRICANE S – ELEGANT & SPORTY

- Permanently welded, open S frame
- Perfect balance of weight and stability
- Individual colour concept
- High-grade materials (e.g. 7020 T6 aluminium and carbon)
- Side panels adapted individually to the sitting position
- Rigid frame with permanently welded chassis

ENJOY LIFE. STYLE. DRIVE.



SMART^F – OPTIMISED FOLDING SYSTEM

- Small folded size, easy to fold
- Integrated legrests
- Light and perfect to handle
- Perfect chassis adjustment
- Carbon side panels
- Magnesium drive wheels available in five colours
- Painted hub and rim
- Swivel-mounted light brake with extremely low actuating force



SMART^F
2.360



SMART^S
2.370



SMART^S – OPTIMISED FOLDING SYSTEM

- Small folded size, easy to fold
- Swing-away and detachable legrests
- Optimum smoothness of ride and adaptability
- Side panels with height-adjustable armrest and one-handed operation
- Magnesium drive wheels available in five colours, painted hub and rim
- Perfect chassis adjustment
- New pressure brake with extremely low actuating force

CELEBRATE YOUR LIFE



AVANTI – VERSATILE AND ACTIVE

- Fine adjustment
- Compatible with the MEYRA modular system
- Wide range of accessories available
- Brake with extremely low actuating force
- Telescopic and angle-adjustable back height
- Height-adjustable side panel with one-handed operation



AVANTI
AVANTI
JUNIOR
1.736



AVANTI
PRO
1.735



AVANTI JUNIOR – LIKE A PRO

- Independent mobility in daily living
- Extensive range of equipment and adjustment possibilities
- Broad spectrum of possible configurations
- Wide range of accessories available

AVANTI PRO – PERFECT ADJUSTMENT

- One-piece frame with integrated legrests
- Long-term care with high adaptation requirement
- Folding adaptive wheelchair
- High compatibility of parts and adaptability
- Brake with extremely low actuating force
- Track stability and individual chassis adjustment
- Low-torsion handling thanks to stabilising bracket

THE PRECISION INSTRUMENT

HURRICANE SPORT – EXCEPTIONAL GAME CONTROL

- 100% custom design
- Oversize axle for outstanding stability
- Including support castor wheel
- Dynamic for top speeds
- High-strength elements made from one piece for improved ride quality
- Individually manufactured and welded side panels
- Enhanced fatigue strength due to special artificial ageing process
- Weight saving due to special aluminium alloy



HURRICANE
SPORT
1.880



HURRICANE PRO – THE ENTRY-LEVEL MODEL

- Infinitely variable adjustment of oversize axle tube for the ideal gravity setting
- Fully equipped
- Ideally suited for multiple use
- Individually adjustable footplate
- Permanently welded twin support castor wheel for maximum safety
- Bolted aluminium side panels enable seat width adjustment

HURRICANE
PRO
1.880



PRODUCT BENEFITS



NANO 1.155
PAGE 6

- Durable and sturdy
- Optimum tube diameter and ideal wall thickness
- Compact thanks to folding back and intelligent assembly concept
- Low weight
- Wide range of colours



HURRICANE EVERYDAY 1.880
PAGE 8

- Individual adaptation to body measurements to support rehabilitative goals
- Tuned chassis
- Perfect handling
- 100 % Made in Germany



HURRICANE S 1.880
PAGE 9

- Individual adaptation to body measurements to support rehabilitative goals
- Elegant, sporty look
- Tuned chassis
- Perfect handling
- 100 % Made in Germany



SMART^F 2.360
PAGE 10

- Optimised folding system with virtually parallel folding kinematics, independent engagement
- Small folded size
- Functional elements with one-handed operation
- Low actuating force required when braking thanks to aluminium light brake
- Individual colour concept



SMART^S 2.370
PAGE 11

- Optimised folding system with virtually parallel folding kinematics, independent engagement
- Small folded size
- Functional elements with one-handed operation
- Low actuating force required when braking thanks to new pressure brake
- Individual colour concept
- New swing-away, angle and depth-adjustable legrests with aluminium footplate



AVANTI 1.736
PAGE 12

- Extremely adaptable even with changing medical conditions
- High variability without the need to swap parts
- Compatible with the MEYRA modular system
- Extensive range of therapeutically proven accessories



AVANTI PRO 1.735
PAGE 13

- Extremely adaptable even with changing medical conditions
- High variability without the need to swap parts
- Compatible with the MEYRA modular system
- Extensive range of therapeutically proven accessories



AVANTI JUNIOR 1.736
PAGE 12

- Precise adjustment
- Extremely variable
- Individually adaptable to body measurements
- Compatible with the MEYRA modular system
- Extensive range of therapeutically proven accessories



HURRICANE SPORT 1.880
PAGE 14

- Dimensions always in compliance with regulations
- High-strength construction made of 7020 T6 aluminium
- Maximum strength with minimum weight
- 100 % Made in Germany
- Tuned chassis for perfect handling



HURRICANE PRO 1.880
PAGE 15

- Economical purchase thanks to multiple use
- Stable construction made of high-strength aluminium
- Maximum strength with minimum weight
- 100 % Made in Germany
- Dimensions always in compliance with regulations

SPECIFICATIONS

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

	NANO 1.155	SMART ^F 2.360	SMART ^S 2.370	AVANTI 1.736			AVANTI JUNIOR 1.736	AVANTI PRO 1.735		HURRICANE 1.880
				351 Frame, short	352 Frame, medium	353 Frame, long		352 Frame, standard	353 Frame, long	
Seat width in mm	300 / 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	300 – 360	360 – 580	360 – 580	300 – 360	360 – 580	360 – 580	
Total width in mm										
Width, ready to move, in mm	470 / 490 / 510 / 530 / 550 / 570 / 590 / 610 / 630 / 650 / 670	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)			Seat width + 200 (with side panels CODE 100 SW + 180)	SW + 190 (with side panel CODE 100 SW +180)		
Width, folded, in mm		280 with 0° wheel camber or 330 with 3° wheel camber	280 with 0° wheel camber or 330 with 3° wheel camber	280			280	280		
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	330 – 380	350 – 460	480 – 530	330 – 380	350 – 430	460 – 500	
Seat height, front, in mm	450 – 530	440 – 530	400 – 540	430 – 500	440 – 560	440 – 560	425 – 495	440 – 520		
Seat height, rear, in mm	360 – 510	400 – 530	370 – 530	400 – 470	390 – 520	390 – 520	400 – 465	420 – 520		
Total height in mm	Seat height rear + Back height	Seat height rear + Back height	Seat height rear + Back height	830	920	920	830	920		
Back height in mm	variable from 250 to 450, +/- 15	variable from 250 to 500, + 25	variable from 250 to 500, + 25	340 – 400	380 – 500	380 – 500	340 – 400	340 – 440		
Armrest height in mm		approx. 170 – 245	approx. 170 – 245	165 – 240	200 – 290	200 – 290	165 – 240 (CODE 81)	200 – 290		
Length with / without footrest in mm	720 – 920 (depending on frame length, wheel size and axle position)	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	1,120 / 850	880 / 660	870 – 960 (depending on frame length, wheel size and axle position)	925 – 1,015 (depending on frame length, wheel size and axle position)	
User weight in kg	130	150	150	75	135	160	75	135		
Empty weight in kg	9.5	from 9.5	from 10.5	12	13	14	12	from 11		
Permissible total weight in kg	139.5	159.5	from 160.5	87	148	174	87	from 146		
Transport weight in kg	6.5	7.4	6.5	8	8.5	9	8	8.5		
Drive wheel in mm (inches)	600 (24") 635 (25") 660 (26")	600 (24") 635 (25") 660 (26")	560 (22") 600 (24") 635 (25") 660 (26")	610 (24") 560 (22")			560 (22")	610 (24")		
Seat tilt in degrees								0° – 10°		

Needs-based manufacturing. Specifications on request

	HURRICANE PRO 1.880	
	CODE 353 (24")	CODE 354 (26")
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	adjustable	adjustable
Seat belt	yes	yes
Strap belt	yes	yes
Support castor wheel in mm	60 (double, welded)	60 (double, welded)
Deflector round, welded	yes	yes



COMPACT,
STYLISH,
POSITIVE

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We move people

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