# **NANO X** 1.156



















Shapely frame concept



Castor wheel connection milled from solid material



Double cross brace for rigid frame-like ride performance

# Design your Freedom

#### **EFFICIENCY**

- Permanent provision with adjustment possibilities to functional changes reduces follow-up costs
- Extensive serial equipment minimises necessity for expensive customised parts
- Low wear due to high quality attachments

#### THERAPEUTIC BENEFIT

- Perfect easy running and little own weight support the independence of the user
- Adaptable to functional changes and individual needs of the user through adjustment of the back, seat and chassis
- Extensive equipment assortment for long-term users

#### FIELD OF USE

- For permanent and long term provision
- For paraplegic provision
- Very good suitability for many disease patterns, even for severely encumbered
- Users without function of the lower extremities (lateral transfer, driven through the handrims)



ORDER

COST ESTIMATE

CUSTOM DESIGN

Please fax the completed order form to: 05733 922 9311 Customer service: 05733 922 311

Billing address / Customer	ref. no.:
Delivery address:	
Consignment / Comments:	
Order quantity:	











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Allowed user weight

130 kg



Hints

Our Terms and Conditions as stated at www.meyra.de/AGB shall apply You can find information on the measurement process at www.meyra.de/messverfahren

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Use our K.I.S.S.S. for orders and configurations at www.kisss-by-meyra.de You avoid queries and incorrect orders thanks to the buildability check





#### Technical specifications

Seat widths in mm	320/340/360/380/400/420/440/460/480
Ready for use width in mm	480/500/520/540/560/580/600/620/640/660/680
Seat depth in mm	380/400/420/440/460/480/500
Seat height front/rear in mm	450 to 530/360 to 510
Overall height in mm	Rear seat height + back support height
Back support height in mm	variable from 250 to 450 +/- 15
Length with footrest in mm	720 - 920 (depending on frame length, wheel size and axle position)
User weight	130 kg
Empty weight	ab 10 kg
Permissible overall weight	145 kg
Transport weight	ab 7 kg
Driving wheel	600 mm(24 inch) / 635 mm(25 inch) / 660 mm(26 inch)
Brake test according to STANDARD	7°

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## O Seat width / Seat depth

		Short frame		Mediur	n frame	Long frame		
Seat width/Seat depth	SD 380 mm	SD 400 mm	SD 420 mm	SD 440 mm	SD 460 mm	SD 480 mm	SD 500 mm	
SW 320 mm								
SW 340 mm								
SW 360 mm								
SW 380 mm								
SW 400 mm								
SW 420 mm								
SW 440 mm								
SW 460 mm								
SW 480 mm								

including utensil pocket under the seat belt

## 01 Frame forms

CODE	DESCRIPTION	ANGLE
346	Standard front frame	80°
347	Compact front frame  Only in combination with frame reduction CODE 4950  not i.C. with CODE 327 Ø 142 Soft-solid rubber	88°
721	Force node tie-down system for passenger transport in vehicles	

## **102** Frame heeling

CODE	DESCRIPTION
4950	With frame heeling (20 mm each side)
4959	Without frame heeling

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	Please select by	ticking /	the	relevant boxes
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## OB Castor wheel (without seat cushion) in combination with front seat height (FSH)

Please select your desired seat height by selecting a possible combination of seat height and wheel size. The max permissible seat height difference between front and rear seat height is 100 mm!

Recommendation: Solid rubber steering wheels for heavier user weights

		Front seat height in mm (FSH)								
Code/Art.	Castor	450	460	470	480	490	500	510	520	530
151	Ø 100 Solid rubber									
325	Ø 125 Solid rubber									
327/908	Ø 142 Soft-solid rubber black									
327/909	Ø 142 Soft-solid rubber grey									

#### X-Trend castor wheel (without seat cushion) \( \text{in combination with front seat height (FSH)} \)

			Front seat height in mm (FSH)							
Code/Art.	Castor	450	460	470	480	490	500	510	520	530
1068963	Ø 100 X-Trend Lightwheel 1068963									
1072385	Ø 100 X-Trend Lightwheel 1072385									
1072386	Ø 125 X-Trend Lightwheel 1072386									

#### Aluminum castor wheel (without seat cushion) in combination with front seat height (FSH)

FSH (mm)	450	460	470	480	490	500	510	520	
A									
B									

		Rim color							
Code	Castor	Silver	black	Orange	Red	Blue	White		
689	Ø 100 x 37 mm, Aluminum rim, Solid rubber								
689	Ø 125 x 37 mm, Aluminum rim, Solid rubber	□B	□B	□B	□B	□B	□B		

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## 04 Seat cushions

CODE	DESCRIPTION
560	Seat cushion 30 mm
561	Seat cushion 60 mm

## **OS** Drive wheels in combination with seat height

\*Bitte wählen Sie Ihre gewünschte Sitzhöhe durch Auswahl einer möglichen Kombination aus Sitzhöhe und Radgröße. 25" und 26" siehe Xtrends Antriebsräder

RSH (mm)	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510
A																
B																
G					П	П	П	П	П	П	П	П	П	П	П	П

G			
CODE xR	RSH	DESCRIPTION	Ø
651	A	Standard wheel, incl. quick release axle (pair)	24"
2651	A	Standard wheel black, incl. quick release axle (pair)	24"
706	A	Drum braked wheel with radial spokes and drum brake for accompanying person  Only in combination with push handles CODE 502 only i.C. with CODE 423 0° wheel camber	24"
848	A	SILVERDESIGN with radial spokes and high flange rim incl. quick-release axle (pair)	24"
752	A	Lightwheel incl. RightRun Light tyres and aluminium handrim black  • Only in combination with 0° wheel camber CODE 423. Recommended up to 90 kg user weight	24"
695	A	Active-wheel with radial spokes, high flange rim, hollow rim (Jumbo rim) in black  • Recommended from 100 kg user weight or in case of dynamic driving habits	24"
695	B	Active-wheel with radial spokes, high flange rim, hollow rim (Jumbo rim) in black  Recommended from 100 kg user weight or in case of dynamic driving habits	25"
695	0	Active-wheel with radial spokes, high flange rim, hollow rim (Jumbo rim) in black  Recommended from 100 kg user weight or in case of dynamic driving habits	26"

⚠ The max permissible seat height difference between front and rear seat height is 100 mm!

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Please select by ticking the relevant boxes

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#### Drive wheels X-Trends

RSH (mm)	60 370 380	390 400 410 420 430 440 450 460 470 480 490 500	
<b>A</b> [			
Item	RSH	DESCRIPTION	Ø
1085185	A	Spinergy Carbon Antriebsrad, Speichen schwarz inkl. Schwalbe One Bereifung und Edelstahl Greifreifen	24x1"
1081354	A	Active wheel with radial spoke, Schwalbe ONE tires, hub, rim and handrims BLUE	24x1"
1081356	A	Active wheel with radial spoke, Schwalbe ONE tires, hub, rim and handrims RED	24x1"
1081355	A	Active wheel with radial spoke, Schwalbe ONE tires, hub, rim and handrims GOLD	24x1"
1068713	A	Black Light incl. Marathon-Plus-Evolution and aluminium handrim  • Nicht i.V. mit CODE 701 Kraftknotensatz für den Personentransport im Auto	24x1"
1073640	A	Spinergy-wheel 12 spokes black, incl. Marathon-Plus-Evolution and stainless steel handrim. Upon inquiry white or orange spokes possible	24x1"
1087341	B	Day-Lite Antriebsrad	25x1"

#### Horizontal drive wheel position (balance point setting)

Messverfahren: Hinterkante Rückenrohr bis Achsmitte in mm

	PASSIV (I	Pos./mm)	MEDIUM	(Pos./mm)	ACTIVE (Pos./mm)**			
	1/45	2/57	3/69	4/81	5/93	6/105	7/145	
Position								

⚠ Antriebsradposition 7 nicht in Verbindung mit Rahmen kurz CODE 351

### 06 Wheel camber

CODE **DESCRIPTION** 423 0° wheel camber 447 3°-wheel camber (track adjustable)

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Please select by ticking the relevant boxes Standard version:

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## **OD** Hand rims (not in combination with Xtrends wheels)

CODE	DESCRIPTION	Ø
493	Stainless steel, polished	24"/25"/26"
494	Aluminium  • Not in combination with Active-Wheel CODE 695	24"
445	Titanium, with 6 brackets  ① Only in combination with active wheel CODE 695 or Spinergy wheel ART 1073640	24"/25"/26"
168	Optigripp-special handrim for tetraplegics	24"
	Curve Hand rim in conjunction with Active Wheel CODE 695 or standard wheel CODE 651 and 2651	
849	Curve L, aluminium black anodised, ergonomic handrim profile, H 31 mm  • only in conjunction with Active Wheel CODE 695 or standard wheel CODE 651 and 2651	24"
850	Curve L Tetra Grip, anti-slip coated, aluminum, suitable for quadriplegics, ergonomic handrim profile, H 31 mm	24"
	⚠ only in conjunction with Active Wheel CODE 695 or standard wheel CODE 651 and 2651	
853	Curve GEKKO, aluminum black anodized with exchangeable rubber lip, ergonomic handrim profile, H 31 $\mathrm{mm}$	24"
	$oldsymbol{\Lambda}$ only in conjunction with Active Wheel CODE 695 or standard wheel CODE 651 and 2651	
	Curve Hand rim in conjunction with Spinergy wheel article number: 1073640	
1078827	Curve L, aluminium black anodised, ergonomic handrim profile, H 31 mm  • only in conjunction with Spinergy wheel article number: 1073640	24"
1078828	Curve L Tetra Grip, anti-slip coated, aluminum, suitable for quadriplegics, ergonomic handrim profile, H 31 mm	24"
	$oldsymbol{\Lambda}$ only in conjunction with Spinergy wheel article number: 1073640	
1080439	Curve GEKKO, aluminum black anodized with exchangeable rubber lip, ergonomic handrim profile, H 31 mm	24"
	⚠ only in conjunction with Spinergy wheel article number: 1073640	

#### **Hand rim options**

CODE	DESCRIPTION	
166	Handrim coating made of silicone, smooth, black  •• Not in combination with Active-Wheel CODE 695	24"
692	Handrim distance narrow	24"
693	Handrim distance far	24"

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#### **08** Tyres (not combinable with X-Trends wheels)

СО	DDE	DESCRIPTION	Ø		
496	96	Pneumatic tires 8 bar	24x1"		
395	95	Maxxis VN Master Alpha Protect tire black, puncture resistant, 10 bar	24x1"		
897	97	Schwalbe Marathon Plus Evolution tires, puncture resistant	24x1"	25x1"	26x1"
363	i3	Schwalbe ONE tires, no profile, puncture resistant	24x1"		

⚠ Must be filled if Standard, Silverdesign or Active wheel is choosen

Note: Tyres consist of a rubber compound which may leave permanent marks or be hard to remove from some surfaces (e.g. plastic, wooden or parquet flooring, rugs and carpets).

We cannot accept liability for any abrasion damage to flooring.

#### 09 Brakes

CODE	DESCRIPTION
305	Pressure brake for user
2595	Light pressure brake made of aluminum, swing away
681	Brake lever extension, foldable  • only in combination with CODE 305 pressure brake

## 10 Back strap height (BH)

	Back strap height in mm				
DESCRIPTION	250	300	350	400	450
Back strap, adaptable via Velcro straps adjustable +/- 15 mm					

Ī	Please select by ticking	the relevant boxes	s *SBI - Sonderbau/Individuallös	ung
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## 11 Back support

\*Standard 90° zum Sitz Verstellbar im Winkel und verriegelbar Rückenlehnenwinkel: -5°/ +5°/ +10°

CODE	DESCRIPTION
410	Back support with push handle short, 50 mm height adjustable
411	Back support without push handle
502	Back support with push handle mounted to the frame tube, continuously height adjustable to 150 mm
141	Push handles, swivel-away

## 11 Backrest options

CODE	DESCRIPTION
2032	ErgoSeat Pro thorax pelottes, small, pair  • Recommended at back height 300 - 400 mm
2021	ErgoSeat Pro thorax pelottes, large, pair
	⚠ Recommended at back height 400 - 450 mm

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## 12 Arm supports and arm pads

Functional properties:

- 1) fixed
- 2) swivel up
- 3) detachable
- 4) lockable
- 5) height-adjustable armrest
- 6) with wheel cover
- 7) space-saving swivel in

CODE	DESCRIPTION	Functions
100	Side guard made of aluminum in frame color with cold protection insert, screwed tight  i.C. with wheel size 24 x 1 inch from RSH 440mm i.C. with wheel size 25 x 1 inch from RSH 470mm not i.C. with wheel size 26 x 1 inch	1,6
100/624	Side guard made of aluminum in frame color with cold protection insert, screwed tight  ↑ i.C. with wheel size 24 x 1 inch from RSH 390mm-430mm i.C. with wheel size 25 x 1 inch from RSH 420mm-460mm i.C. with wheel size 26 x 1 inch from RSH 450mm-510mm	1,6
100/2624	Side guard made of aluminum in frame color with cold protection insert, screwed tight  i.C. with wheel size 24 x 1 inch to HSH 380mm i.C. with wheel size 25 x 1 inch to HSH 410mm i.C. with wheel size 26 x 1 inch to HSH 440mm	1,6
783	Carbon arm support	1,6
748	Aluminum side guard in frame color with cold protection insert including height-adjustable armrest (screwed)	1,5,6
<u> </u>	Side guard removable  ⚠ only in combination with CODE 100, 783 oder 748	

Please select by ticking the relevant boxes

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## 13 Footrests

LSL 36	370 380 390 4	400 410 420 430 440 450 460 470 480
A		
CODE xR I	LSL (mm)	DESCRIPTION
312	A	Fußstütze durchgehend aus stabilem Aluminiumprofil in Rahmenfarbe hochklappbar, höhen und winkelverstellbar
311	A	Footrest made of aluminum in frame color can be folded up, height and angle adjustable
4312	A	LED footrest one-piece, made of strong aluminum in frame color, height / depth and angle adjustable, incl. Bluetooth module
		⚠ i.C. with CODE 4959 from SW 360mm i.C. with CODE 4950 from SW 400mm
4313	A	LED footrest one-piece, made of strong aluminum in frame color, height / depth and angle adjustable
		▲ i.C. with CODE 4959 from SW 360mm i.C. with CODE 4950 from SW 400mm
359		Calf belt

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## 14 Frame colours

CODE	DESCRIPTION
130	Titanium grey
183	Metallic silver
186	Magic Blue
216	Deep black
206	Matt black
224	Blue-Metallic
227	Red Metallic
4023	Signal white
4040	Downtown Gray
4041	Magicblack Matt
4042	Blue Metallic Matt
4043	Brown metallic matt
4044	Red Metallic Matt
4045	Signal white matt
4046	Green Metallic Matt
4047	Purple metallic matt
4048	Copper metallic
4049	Olive green Matt
4913	Cross orange
4922	Metallic green
6.1	

Other frame colors are available on request for an extra charge!

Please select by ticking the relevant boxes  Standard version: If no other selection is made, the standard version will be delivered.										
	Color of choice									
C	Colour code 130 183 186 206 216 224 227 4023 4040 4041 4042 4043 4044 4045 4046 4047 4048 4049 4913 4922									
	0									
	CODE xR	Colour code DESCRIPTION								
	2205	side guards/footrest in custom colour  • only in combination with Code 100 side guard fixed								
		only in combination with code 100 side guard fixed								
15	15 Back strap colours									
	CODE	DESCRIPTION								
	235	Trevira black								
	292	Net fabric, breathable , black								
16	access	ories								
	Hand and spoke guard									
	CODE	DESCRIPTION								
	489	Transparent								
		🛕 only i.C. with Spinergy-Wheel ArtNo. 1073640								
	Suppor	rt cactors								
		rt castors								
_	CODE	DESCRIPTION								
	728	Support castors, 1 pair, swivelling (recommended)  •• not in combination with step tube CODE 309								
	729	1 support castor, swivelling, mounted left								
_		⚠ not in combination with the display tube CODE 309/4930								
	730	1 support castor, swivelling, mounted right								

▲ not in combination with entry pipe CODE 309/4931

Please select by ticking the relevant boxes S \*SBI - Sonderbau/Individuallösung Standard version: If no other selection is made, the standard version will be delivered. Pedal tubes CODE **DESCRIPTION** 309 Pedal caps (1 pair) ▲ not i.C. with CODE 728/729/730 Support castors 4930 Pedal cap, mounted left ⚠ not i.C. with CODE 729/730 Support castors 4931 Pedal cap, mounted right ▲ not i.C. with CODE 728/730 Support castors Accessories CODE **DESCRIPTION** 833 Retaining strap with buckle 970 Walking aid holder ▲ only in combination with CODE 309/4390/4391 819 Reflectors 951 Accessory net Xtrends accessories

Item	DESCRIPTION
1080617	Tire pressure monitoring system for vehicles with 4 wheels
1080618	Tire pressure monitoring system for vehicles with 2 wheels