

2026

ottobock.

Adaptive wheelchair *Avantgarde DS.*

☐ Quotation

☐ Order

Billing Address

PO no.

Customer Name

Street

County, PC

Shipping address (if different from billing address)

Customer Name

Street

County, PC

Name Date Signature



Base Price - £2215.00

Please email all orders to
Bockuk@ottobock.com

Valid from 01.01.2026 to 31.12.26
Please ensure you are using the latest order form

By placing the order, you agree to comply with the instructions for use/service manuals for accessories and products of other manufacturers when combining them with an Ottobock product, in addition to the instructions for use/service manuals of the respective Ottobock products. Also you confirm to have read, understood and accepted, our general terms and conditions. In addition, you agree, upon placing an order, to conduct your own conformity assessment or approval in accordance with national requirements if and when you implement modifications or attachments that do not meet the specifications of Ottobock instructions for use/service manuals.
Wheelchairs with CLT package cannot be returned or exchanged

Article number: 480F160=0_AA02_C

Standard equipment Selection (unless alternative selected)

- Aluminium tube frame with single and double cross brace
- Choice of front frame offset
- Aluminium leg supports, single panel
- Adaptable back support upholstery
- Aluminium side panels
- Modular design
- Drive wheels with quick-release axles
- Knee lever wheel lock 4.0
- Calf strap

Foldable

Max. user weight: 140 kg/ 309 lb
Crash-tested according to ISO 7176-19

(with single and double cross brace)

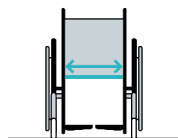
The options marked "CLT option" are used to set up a configuration that is particularly optimised for lightweight construction.

The number codes contained in this order form are not intended to be used as article numbers for spare parts orders.
Please scan the QR code to access the spare parts catalogue for any spare parts orders.



Adaptive wheelchair *Avantgarde DS*.

Filling aid – Wheelchair measurements



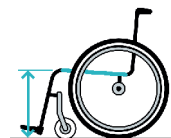
SW= cm

Seat Width
Outside edge of frame –
Outside edge of frame



SD= cm

Seat Depth
Front of seat upholstery –
Back support tube



ASH= cm

Anterior Seat Height
Ground –
Top of upholstery



PSH= cm

Posterior Seat height
Ground –
Top of seat upholstery



BH= cm

Back Support Height
Top of seat tube –
Top of back support upholstery



LL= cm

Lower Leg Length
Top of seat upholstery –
Top of foot plate (middle)

Front Frame Type

<input type="radio"/>	MA01	DS 70°	Inclusive
<input type="radio"/>	MA03	DS 80°	Inclusive

Front Frame Offset

<input type="radio"/>	MA14	0 cm offset	Inclusive
<input type="radio"/>	MA15	2 cm offset	Inclusive

Design of Drive Wheel Adapter

<input type="radio"/>	MA113	Adjustable*	Inclusive
<input type="radio"/>	MA114	Firmly welded (CLT-Option/ incl. MD12)	£350.00

* for using in wheelchair accessible vehicles according ISO 7176-19

Cross Brace

<input type="radio"/>	MA100	Single (CLT-Option)*	Inclusive
<input type="radio"/>	MA101	Double	Inclusive

* combination with SW= 42 only / max. cap. 100kg/ 220lb

Type of Wheelchair

<input type="radio"/>		Standard	Inclusive
<input type="radio"/>	MB50	Foot-propelled wheelchair (reduced clearance*)	Inclusive

* Risk due to getting caught on obstacles. Please observe safety information in the instructions for use!

Seat Width [SW] in cm

☐ 32 ☐ 34 ☐ 36 ☐ 38 ☐ 40 ☐ 42 ☐ 44 ☐ 46 ☐ 48 ☐ 50 ☐ 52

Seat Depth [SD] in cm

☐ 36 ☐ 38 ☐ 40 ☐ 42 ☐ 44 ☐ 46 ☐ 48 ☐ 50 ☐ 52 ☐ 54

Anterior Seat Height [ASH] in cm

☐ 38 ☐ 39 ☐ 40 ☐ 41 ☐ 42 ☐ 43 ☐ 44 ☐ 45 ☐ 46 ☐ 47 ☐ 48 ☐ 49
☐ 50 ☐ 51 ☐ 52 ☐ 53 ☐ 54

Adaptive wheelchair *Avantgarde DS*.

Frame Accessories

<input type="checkbox"/>	MA50	Transport wheels, pair	£164.00
<input type="checkbox"/>	MA51	Tip-assist, right	£59.00
<input type="checkbox"/>	MA52	Tip-assist, left	£59.00
<input type="checkbox"/>	MA55	Anti-tipper, swing-away, right	£140.00
<input type="checkbox"/>	MA56	Anti-tipper, swing-away, left	£140.00
<input type="checkbox"/>	MA57	Crutch holder with tip-assist, right	£59.00
<input type="checkbox"/>	MA58	Crutch holder with tip-assist, left	£59.00
<input type="checkbox"/>	MA60	Frame padding, long	£74.00
<input type="checkbox"/>	MA60	Frame padding, short	£74.00

Caster Wheels (see table A in annex)

<input type="radio"/>	MF01	3" Rollerblade	Inclusive
<input type="radio"/>	MF30	4" solid rubber, black	Inclusive
<input type="radio"/>	MF35	4" softroll caster, aluminium	£140.00
<input type="radio"/>	MF31	5" solid rubber, black	Inclusive
<input type="radio"/>	MF36	5" softroll caster, aluminium	£101.00
<input type="radio"/>	MF04	5.5" soft caster, grey	Inclusive
<input type="radio"/>	MF05	6" pneumatic, grey	Inclusive
<input type="radio"/>	MF32	6" solid rubber, black	Inclusive
<input type="radio"/>	MF37	6" softroll caster, aluminium	£187.00

Posterior Seat Height [pSH] in cm

<input type="radio"/> 36	<input type="radio"/> 37	<input type="radio"/> 38	<input type="radio"/> 39	<input type="radio"/> 40	<input type="radio"/> 41	<input type="radio"/> 42	<input type="radio"/> 43	<input type="radio"/> 44	<input type="radio"/> 45	<input type="radio"/> 46	<input type="radio"/> 47
<input type="radio"/> 48	<input type="radio"/> 49	<input type="radio"/> 50	<input type="radio"/> 51								

Drive Wheel Size (see table B/C in annex)

<input type="radio"/>	MG01	22"	Inclusive
<input type="radio"/>	MG02	24"	Inclusive
<input type="radio"/>	MG00	25"	Inclusive

Drive Wheel Camber

<input type="radio"/> 0°	<input type="radio"/> 2°	<input type="radio"/> 3°	<input type="radio"/> 4°
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
Horizontal Drive Wheel Position (see table D in annex)

<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	<input type="radio"/> G
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Drive Wheel Rim		22"	24"	25"	
<input type="radio"/>	MG06	Hollow rims	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Inclusive
<input type="radio"/>	MG10	Spinergy SPOX	<input checked="" type="radio"/>		£770.00
<input type="radio"/>	MG11	Spinergy LX	<input checked="" type="radio"/>		£957.00
<input type="radio"/>	MG12	Spinergy LXL Blade: black spokes	<input checked="" type="radio"/>		£910.00
<input type="radio"/>	MG12	Spinergy LXL Blade: white spokes	<input checked="" type="radio"/>		£910.00
<input type="radio"/>	MG15	Infinity Ultralight	<input checked="" type="radio"/>	<input checked="" type="radio"/>	£187.00
<input type="radio"/>	MG150	Infinity Ultralight, colored	<input checked="" type="radio"/>		£350.00
<input type="radio"/>	MG80	With drum brake for attendant*	<input checked="" type="radio"/>	<input checked="" type="radio"/>	£372.00
<input type="radio"/>	MG831	One-arm drive (double handrim left) with spoke protector*	<input checked="" type="radio"/>		£677.00
<input type="radio"/>	MG831	One-arm drive (double handrim right) with spoke protector*	<input checked="" type="radio"/>		£677.00
<input type="radio"/>	MG197	Smoother Wheels [suspended] (user weight < 75kg)	<input checked="" type="radio"/>		£1659.00
<input type="radio"/>	MG198	Smoother Wheels [suspended] (user weight 75-95kg)	<input checked="" type="radio"/>		£1659.00
<input type="radio"/>	MG199	Smoother Wheels [suspended] (user weight > 95kg)	<input checked="" type="radio"/>		£1659.00

* no combination with drive wheel camber

Adaptive wheelchair *Avantgarde DS.*

Tires			22"	24"	25"	
<input type="radio"/>	MG30	Pneumatic tire 1 3/8" * * * *		●		Inclusive
<input type="radio"/>	MG31	Schwalbe RightRun 1" * * *	●	●	●	Inclusive
<input type="radio"/>	MG34	PU 1" * * * *		●		Inclusive
<input type="radio"/>	MG341	PU 1", black * * * *		●		£77.00
<input type="radio"/>	MG37	Schwalbe Marathon Plus Evolution 1"	●	●	●	£131.00
<input type="radio"/>	MG200	Schwalbe One 1" * * *		●		£187.00
* no combination with MG15/150						
** no combination with MG10/11/12						
*** no combination with MG197/198/199						
Handrims			22"	24"	25"	
<input type="radio"/>	MG50	Aluminium, black coated	●	●	●	Inclusive
<input type="radio"/>	MG52	Aluminium, silver anodised, high	●	●	●	Inclusive
<input type="radio"/>	MG53	Aluminium, silver anodised, low	●	●		£73.00
<input type="radio"/>	MG54	rubber-coated	●	●	●	£102.00
<input type="radio"/>	MG56	Stainless steel, polished, high	●	●	●	£73.00
<input type="radio"/>	MG57	Stainless steel, polished, low	●	●		£73.00
<input type="radio"/>	MG63	Curve L (ergonomic shape)		●	●	£374.00
<input type="radio"/>	MG65	Gekko (ergonomic shape/ limited hand strength)		●	●	£420.00
<input type="radio"/>	MG64	Curve L Grip (ergonomic shape/ little hand strength)		●	●	£444.00
Handrim Mounting						
<input type="radio"/>	MG70	Mounting position narrow: 15 mm				Inclusive
<input type="radio"/>	MG71	Mounting position wide: 25 mm				Inclusive
<input type="radio"/>	SBK13379.001	Mounting position more narrow to customer requirements  mm				
Wheelbase Extension, incl. brake adapter						
<input type="radio"/>	MG86	Extra long				£205.00
<input type="radio"/>	MG82	Extra long with second fitting				£273.00
<input type="radio"/>	MG46	Without				Inclusive
Quick-Release Axle System						
<input type="radio"/>	MG27	Quick-release axle				Inclusive
<input type="radio"/>	MG28	Quick-release axle with Tetra release				£164.00
Drive Wheel Accessories						
<input type="checkbox"/>	MG87	High-pressure air pump, 14 bar				£94.00
<input type="checkbox"/>	MG88	Airman-pump (battery-operated)				£187.00
Shock Absorber*						
<input type="radio"/>	MG97	Damping 'soft' user weight < 60kg				£374.00
<input type="radio"/>	MG98	Damping 'medium' user weight 61-100kg				£374.00
<input type="radio"/>	MG99	Damping 'hard' user weight >100kg				£374.00
* no combination with MG82/86						
Wheel Locks						
<input type="radio"/>	MH01	Knee lever wheel lock 4.0				Inclusive
<input type="radio"/>	MH30	Knee lever wheel lock 4.0, long lever				Inclusive
<input type="radio"/>	MH05	Scissor wheel lock (CLT option)				£139.00
<input type="radio"/>	MH06	For user and attendant				£439.00
<input type="radio"/>	MH08	One-hand activated, right				£528.00
<input type="radio"/>	MH09	One-hand activated, left				£528.00

Adaptive wheelchair *Avantgarde DS.*

Wheel Lock Accessories

<input type="checkbox"/>	MH10	Wheel lock lever extension, fixed	£20.00
<input type="checkbox"/>	MH21	Wheel lock lever extension, pluggable	£39.00

Back Height [BH] in cm

<input type="radio"/> 25	<input type="radio"/> 27.5	<input type="radio"/> 30	<input type="radio"/> 32.5	<input type="radio"/> 35	<input type="radio"/> 37.5	<input type="radio"/> 40	<input type="radio"/> 42.5	<input type="radio"/> 45	<input type="radio"/> 47.5
<input type="radio"/> 50	<input type="radio"/> 52.5	<input type="radio"/> 55							

Back Support System

<input type="radio"/>	MD01	Back support, height-adjustable, straight	Inclusive
		<input type="radio"/> BH 25 - 32.5 cm <input type="radio"/> BH 32.5 - 40 cm <input type="radio"/> BH 42.5 - 50 cm <input type="radio"/> BH 52.5 - 55 cm	
<input type="radio"/>	MD09	Back support, height-adjustable, with lumbar curve	Inclusive
		<input type="radio"/> BH 35 - 40 cm <input type="radio"/> BH 40 - 45 cm <input type="radio"/> BH 45 - 50 cm <input type="radio"/> BH 50 - 55 cm	
<input type="radio"/>	MD10	Back support, adjustable angle in 6° steps	£215.00
		<input type="radio"/> BH 30 - 40 cm <input type="radio"/> BH 35 - 45 cm <input type="radio"/> BH 40 - 50 cm	
<input type="radio"/>	MD11	Folding back support	£211.00
<input type="radio"/>	MD12	Firmly welded back support** (not approved for use in wheelchair accessible vehicles)	Inclusive
		<input type="radio"/> 0° <input type="radio"/> -5° <input type="radio"/> -10° <input type="radio"/> -15°	

* combination with BH= 43 or 48 only / max. cap. 125kg/ 275lb

**combination with MA114 only

Back Design

<input type="radio"/>	MD03	Back upholstery adaptable, padded	Inclusive
<input type="radio"/>	MD05	Back upholstery adaptable, breathable	Inclusive
<input type="radio"/>	MD18	Back upholstery Ultralight (CLT-Option)	Inclusive
<input type="radio"/>	MD93	Baxx Back (Aluminium)	£498.00
<input type="radio"/>	MD06	Without	Inclusive

Widening Back Pad

<input type="radio"/>	MD80	+ 2 cm	£15.00
<input type="radio"/>	MD81	+ 4 cm	£15.00
<input type="radio"/>	MD82	Without	Inclusive

Height for Baxx Back

<input type="radio"/>	MD91	Low (10"/25cm)	Inclusive
<input type="radio"/>	MD94	Medium (13"/33cm)	Inclusive
<input type="radio"/>	MD95	Standard (16"/41cm)	Inclusive

Back Contour for Baxx Back

<input type="radio"/>	MD84	Active (2.5"/6cm)	Inclusive
<input type="radio"/>	MD85	Deep (4"/10cm)	Inclusive

Push Handles

<input type="radio"/>	MD50	Short	Inclusive
<input type="radio"/>	MD51	Long	£47.00
<input type="radio"/>	MD52	Telescoping, long	£70.00
<input type="radio"/>	MD55	Height-adjustable/detachable	£169.00
<input type="radio"/>	MD45	Height-adjustable/detachable for Baxx	£292.00
<input type="radio"/>	MD56	Folding*	£117.00
<input type="radio"/>	MD59	Without	Inclusive

* max. cap. 125kg/ 275lb

Back Support Accessories

<input type="radio"/>	MD58	Stabiliser bar	£285.00
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Adaptive wheelchair *Avantgarde DS.*

Thoracic Supports

<input type="radio"/>	MD74	UniLink Trunk Support, large, right	£495.00
<input type="radio"/>	MD75	UniLink Trunk Support, large, left	£495.00
<input type="radio"/>	MD76	UniLink Trunk Support, medium, right	£495.00
<input type="radio"/>	MD77	UniLink Trunk Support, medium, left	£495.00

Side Panels

<input type="radio"/>	ME01	Aluminium with cold protection	Inclusive
<input type="radio"/>	ME02	Aluminium with splash- and cold protection	£70.00
<input type="radio"/>	ME04	Carbon with splash protection (CLT-Option)	£420.00
<input type="radio"/>	ME05	Desk side panel with arm support, short	£280.00
<input type="radio"/>	ME06	Desk side panel with arm support, long	£280.00
<input type="radio"/>	ME17	Desk side panel with arm support, depth adjustable	£304.00

Side Panel Accessories

<input type="checkbox"/>	ME50	Arm support padded, swing away* <input type="radio"/> short <input type="radio"/> long <input type="radio"/> long, extra high	£284.00
<input type="checkbox"/>	ME60	Tray	£212.00
<input type="checkbox"/>	ME66	Half-sided tray, right	£198.00
<input type="checkbox"/>	ME66	Half-sided tray, left	£198.00
<input type="checkbox"/>	ME67	Half-sided folding tray, left	£332.00
<input type="checkbox"/>	ME68	Half-sided folding tray, right	£332.00
<input type="checkbox"/>	ME61	Elevating swivel unit/forearm support, right	£306.00
<input type="checkbox"/>	ME62	Elevating swivel unit/forearm support, left	£306.00

* no combination with ME05/06/17

Channel Forearm Support

<input type="checkbox"/>	ME70	One-piece channel forearm support, left	£64.00
<input type="checkbox"/>	ME71	One-piece channel forearm support, right	£64.00

Seat Upholstery

<input type="radio"/>	MC16	Adaptable	Inclusive
<input type="radio"/>	MC15	With storage pockets*	£121.00
<input type="radio"/>	MC18	Ultralight (CLT-Option)	£39.00
<input type="radio"/>	MC06	Without	Inclusive

* if SW < 38 : 1 pocket / SW > 40 : 2 pockets

Seat Cushion

<input type="radio"/>	MC01	Standard (functional height 5 cm)	£42.00
<input type="radio"/>	MC02	Cubic (functional height 5 cm)	£123.00
<input type="radio"/>	MC05	Evolight (functional height 6 cm)	£212.00
<input type="radio"/>	MC20	Terra (functional height 6 cm)	£204.00
<input type="radio"/>	MC21	Terra Aquos (functional height 6 cm)	£241.00
<input type="radio"/>	MC22	Terra Flair (functional height 6 cm)	£441.00
<input type="radio"/>	MC23	Cloud (functional height 11 cm)	£635.00
<input type="radio"/>	MC29	Livo (functional height 5 cm)	£72.00
<input type="radio"/>	MC30	EvoFlair (functional height 8 cm)	£268.00

Adaptive wheelchair *Avantgarde DS.*

Leg Support

<input type="radio"/> MB000	Aluminium, single panel, angle-adjustable (MB100)	Inclusive
	<input type="radio"/> Standard (MB200)	Inclusive
	<input type="radio"/> Swing-away, left (MB201) <input type="radio"/> Swing-away, right (MB202)	£53.00
	<input type="radio"/> with lock (MB70)	£64.00
<input type="radio"/> MB010	Individual, angle adjustable (MB100 / MB160)	Inclusive
<input type="radio"/> MB000	Tube bar (MB120)	£85.00
	<input type="radio"/> with plastic foot plate (MB74)	£49.00
<input type="radio"/> MB000	Single panel, short lower leg length (MB150)	£157.00
<input type="radio"/> MB85	Stealth Amputation leg support, Left	£463.00
<input type="radio"/> MB86	Stealth Amputation leg support, Right	£463.00
<input type="radio"/> MB87	Stealth Amputation leg support, Pair	£926.00
<input type="radio"/> MB80	Without	Inclusive

Lower Leg Length (LL)

(LL) = cm	Top of seat upholstery - Top of foot plate (center)*	Inclusive
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* range: 16 - 55 cm

Length Foot Plate Bar (without seat cushion) (see table E in annex)

<input type="radio"/> MB40	Short	Inclusive
<input type="radio"/> MB41	Medium	Inclusive
<input type="radio"/> MB42	Long	Inclusive
<input type="radio"/> MB43	Extra long	Inclusive

Other Accessories















<input type="checkbox"/> MZ51	Lap belt with metal buckle	£70.00
<input type="checkbox"/> MZ59	Pocket for mobile phone	£28.00

Spoke Protector

<input type="radio"/> MG90	Transparent	£127.00
<input type="radio"/> MG100	Decor 'Graphics'	£205.00
<input type="radio"/> MG101	Decor 'Miracle'	£217.00
<input type="radio"/> MG102	Decor 'Network'	£217.00
<input type="radio"/> MG103	Decor 'Robots'	£207.00
<input type="radio"/> MG104	Decor 'Spectrum'	£217.00

Adaptive wheelchair *Avantgarde DS.*

Color: Frame

<input type="radio"/>	002	Anthracite metallic		Inclusive
<input type="radio"/>	003	Jet Black RAL 9005		Inclusive
<input type="radio"/>	023	White RAL 9016		Inclusive
<input type="radio"/>	048	Obsidian Black (texture)		Inclusive
<input type="radio"/>	051	Sunny Orange (texture)		Inclusive
<input type="radio"/>	057	Forest Green		Inclusive
<input type="radio"/>	058	Mint Green		Inclusive
<input type="radio"/>	059	Raspberry Red		Inclusive
<input type="radio"/>	060	Azure Blue		Inclusive
<input type="radio"/>	001	Brilliant silver		£59.00
<input type="radio"/>	012	Sky blue		£59.00
<input type="radio"/>	014	Candy red		£59.00
<input type="radio"/>	027	Shimano matte		Inclusive
<input type="radio"/>	056	Pearl White		£59.00

☐ SBK24817.000 Special colour to customer requirements

Color: Infinity Ultralight / Caster Fork*

<input type="radio"/>	Sparkle Light Orange	Inclusive
<input type="radio"/>	Marine Blue	Inclusive
<input type="radio"/>	Candy Red	Inclusive
<input type="radio"/>	Sparkle Granny-Smith	Inclusive

*combination with MG150 only

Color: Baxx Back*

<input type="radio"/>	MD89	White RAL 9016	Inclusive
<input type="radio"/>	MD90	Obsidian Black (texture)	Inclusive
<input type="radio"/>	MD88	Frame color	Inclusive

*combination with MD93 only

Special Accessories

<input type="checkbox"/>	MZ52	Tool kit	£49.00
<input type="checkbox"/>	MZ58	Bag for drive wheels (2 wheels / max.: 28")	£105.00
<input type="checkbox"/>	MZ65	Active lighting	£29.00
<input type="checkbox"/>	MZ89	Protection for quick-release-axle	£12.00
<input type="checkbox"/>	MZ92	Wheelblades (ski blades for caster wheels)	£420.00
<input type="checkbox"/>	MZ93	Backpack	£47.00

Mounting Set Head Support

<input type="radio"/>	MZ54	Mounting set	£121.00
<input type="radio"/>	MZ61	Clinical mounting set	£121.00

Head / Neck Supports for UniLink

<input type="radio"/>	MZ105	Comfort Plus, size M	£452.00
<input type="radio"/>	MZ106	Combo (3-pad), size L	£606.00

UniLink Accessories

<input type="checkbox"/>	MZ107	UniLink Extension 38 mm	£63.00
<input type="checkbox"/>	MZ108	UniLink Extension 50 mm	£63.00
<input type="checkbox"/>	MZ109	UniLink Extension 76 mm	£63.00

Adaptive wheelchair *Avantgarde DS*. Information.

A) Anterior seat height [ASH] / Caster Wheels

Anterior seat height	Caster wheels	4"	5"	5.5"	6"	7"
	39.0 cm	●	●			
	40.0 cm	●	●			
	41.0 cm	●	●			
	42.0 cm	●	●			
	43.0 cm	●	●	●		
	44.0 cm	●	●	●	●	
	45.0 cm	●	●	●	●	●
	46.0 cm	●	●	●	●	●
	47.0 cm	●	●	●	●	●
	48.0 cm	●	●	●	●	●
	49.0 cm		●	●	●	●
	50.0 cm	●	●	●	●	●
	51.0 cm	●	●	●	●	●
	52.0 cm	●	●	●	●	●
	53.0 cm		●	●	●	●
	54.0 cm			●	●	●
	55.0 cm					●

● Position possible

The values indicated are rounded values which have been theoretically determined. Max. deviation of 1 cm.

The anterior seat height depends on the selected wheel size, caster fork and mounting position. Please refer to the seat height table!
Specified without seat cushion at 0° seat inclination.

Horizontal position of the drive wheel attachment device: see sketch.

The posterior seat height (PSH) depends on the selected wheel size and mounting position in the drive wheel attachment device.
Please refer to the seat height table!

A manufacturing tolerance of 10 mm applies to all measurements and of 10% to specified weights.

Adaptive wheelchair *Avantgarde DS*. Information.

B) Posterior Seat Hight → Drive Wheel Size

Posterior seat height with wheelbase extension			
Axle position	Drive wheel size		
	22"	24"	25"
1	37 cm	39 cm	40 cm
2	40 cm	42 cm	42 cm
3	42 cm	44 cm	45 cm
4	46 cm	46 cm	48 cm
5	47 cm	49 cm	50 cm
Posterior seat height with shock absorber system			
Axle position	Drive wheel size		
	22"	24"	25"
1	40 cm	42 cm	43 cm
2	42 cm	44 cm	45 cm
3	44 cm	46 cm	47 cm
4	46 cm	48 cm	49 cm
5	48 cm	50 cm	51 cm
Posterior seat height			
Free mounting positions	Drive wheel size		
	22"	24"	25"
1	36 cm	38 cm	40 cm
2	37 cm	39 cm	41 cm
3	38 cm	40 cm	42 cm
4	39 cm	41 cm	43 cm
5	40 cm	42 cm	44 cm
6	41 cm	43 cm	45 cm
7	42 cm	44 cm	46 cm
8	43 cm	45 cm	47 cm
9	44 cm	46 cm	48 cm
10	45 cm	47 cm	49 cm
11	46 cm	48 cm	50 cm
12	47 cm	49 cm	51 cm

This table is for information only. The locking position may deviate in certain constellations. The locking position is selected such that the applicable rear seat height in the ordered constellation is reached as ordered.

Adaptive wheelchair *Avantgarde DS*. Information.

C) Seat Depth [SD] / Horizontal Drive Wheel Position

Horizontal drive wheel position A															
Seat depth [cm]	Drive wheel size 22"					Drive wheel size 24"					Drive wheel size 25"				
	Caster wheels														
	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"
36.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
38.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
40.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
42.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
44.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
46.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
48.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
50.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
52.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Horizontal drive wheel position B															
Seat depth [cm]	Drive wheel size 22"					Drive wheel size 24"					Drive wheel size 25"				
	Caster wheels														
	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"
36.0	●	●	●												
38.0	●	●	●			●									
40.0	●	●	●	●		●	●	●	●		●	●	●	●	
42.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
44.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
46.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
48.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
50.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
52.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Horizontal drive wheel position C															
Seat depth [cm]	Drive wheel size 22"					Drive wheel size 24"					Drive wheel size 25"				
	Caster wheels														
	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"
36.0	●	●				●	●				●	●			
38.0	●	●	●	●		●	●				●	●			
40.0	●	●	●	●		●	●				●	●			
42.0	●	●	●	●	●	●	●				●	●			
44.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
46.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
48.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
50.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
52.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Adaptive wheelchair *Avantgarde DS*. Information.

Horizontal drive wheel position D															
Seat depth [cm]	Drive wheel size 22"					Drive wheel size 24"					Drive wheel size 25"				
		Caster wheels													
	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"
36.0															
38.0	●	●	●	●											
40.0	●	●	●	●		●	●	●							
42.0	●	●	●	●	●	●	●	●			●	●	●		
44.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
46.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
48.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
50.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
52.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Horizontal drive wheel position E															
Seat depth [cm]	Drive wheel size 22"					Drive wheel size 24"					Drive wheel size 25"				
		Caster wheels													
	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"
36.0															
38.0															
40.0	●	●	●	●	●										
42.0	●	●	●	●	●	●	●								
44.0	●	●	●	●	●	●	●	●	●		●	●	●	●	
46.0	●	●	●	●	●	●	●	●	●		●	●	●	●	
48.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
50.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
52.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Horizontal drive wheel position F																
Seat depth [cm]	Drive wheel size 22"					Drive wheel size 24"					Drive wheel size 25"					
		Caster wheels														
	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"	
36.0																
38.0																
40.0																
42.0	●	●	●	●	●											
44.0	●	●	●	●	●	●	●									
46.0	●	●	●	●	●	●	●	●	●	●	●	●	●			
48.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
50.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
52.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

Adaptive wheelchair *Avantgarde DS*. Information.

Horizontal drive wheel position G															
Seat depth [cm]	Drive wheel size 22"					Drive wheel size 24"					Drive wheel size 25"				
		Caster wheels													
	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"	4"	5"	5.5"	6"	7"
36.0															
38.0															
40.0															
42.0	●	●	●	●	●										
44.0	●	●	●	●	●	●	●								
46.0	●	●	●	●	●	●	●	●			●	●	●		
48.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
50.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
52.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

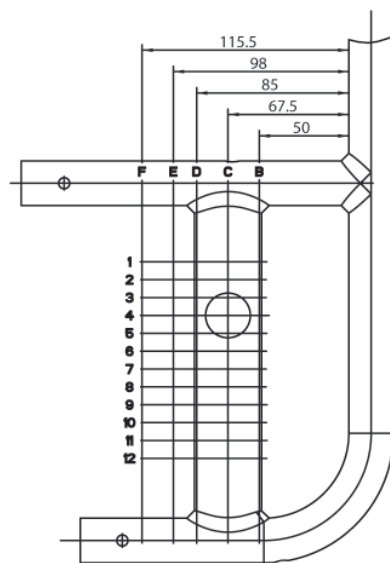
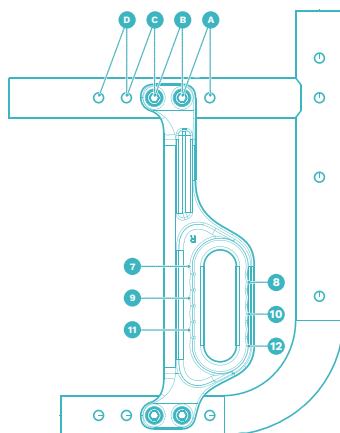
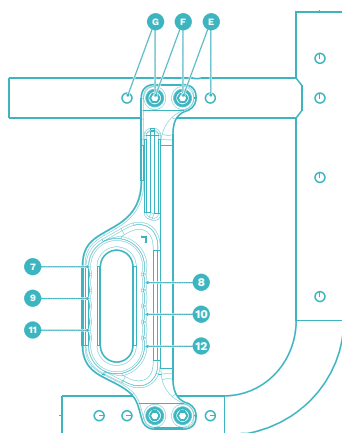
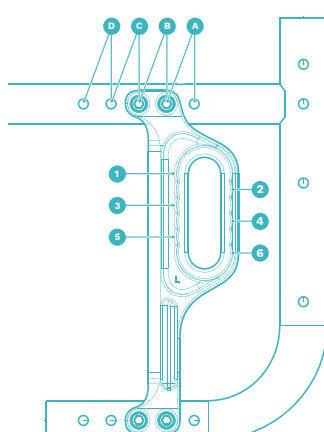
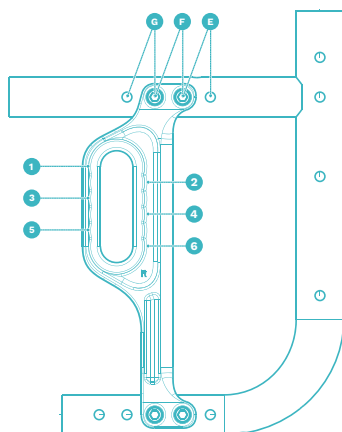
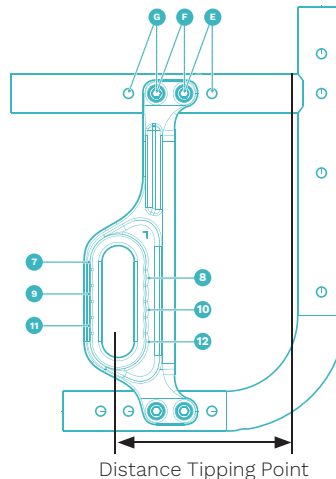


possible position

Adaptive wheelchair *Avantgarde DS*. Information.

D) Drive wheel position Distance from tipping point

Drive wheel position → Distance from tipping point in mm	
Dimension (horizontal) from centre axis to apex point Back support tube (front edge)/upholstery bar (top edge)	
Drive Wheel Position	Distance from tipping point
G (active)	133 mm
F	115.5 mm
E	98 mm
D	85 mm
C	67.5 mm
B	50 mm
A	32.5 mm (not with CLT version)



Drive wheel positions with CLT equipment

From position E, the drive wheel adapter must be turned around – right side to the left side and left side to the right side.

Adaptive wheelchair *Avantgarde DS*. Information.

E) Lower Leg Length [LL] → Length Foot Plate Bar

Foot support bar	Lower leg length [cm]					
	Selection foot bar by 0 cm front frame offset				Selection foot bar by 2 cm front frame offset	
	Leg support single panel, leg support individual		Elevating leg support left or right	Elevating leg support, pair	Leg support single panel, leg support individual	
	Foot plate Aluminium	Foot plate plastic			Foot plate Aluminium	Foot plate plastic
Short	33 - 43	38 - 43	30 - 39	28 - 39	32 - 40	34 - 42
Medium	37 - 48	43 - 48	-	-	37 - 45	-
Long	42 - 52	47 - 52	35 - 51	35 - 51	42 - 50	46 - 53
Extra long	47 - 55	-	-	-	47 - 54	-

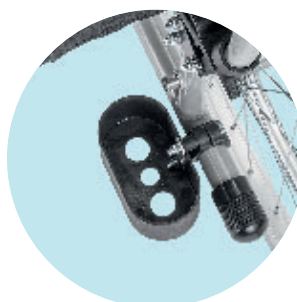
Adaptive wheelchair *Avantgarde DS.* Information.



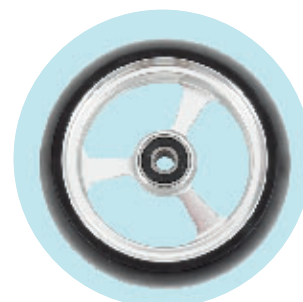
MA51/52
Tip-assist



MA55/56
Anti-tipper



MA57/58
Crutch holder



MF35/36/37
4" softroll caster, aluminium



MG10
Spinergy SPOX



MG11
Spinergy LX



MG83
One-arm drive



MG197/198/199
Smoother Wheels



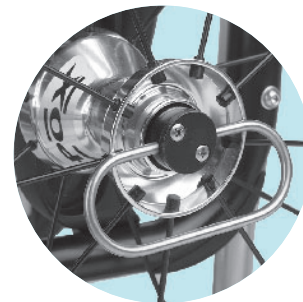
MG63
Curve L



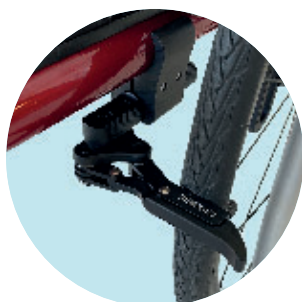
MG65
Gekko



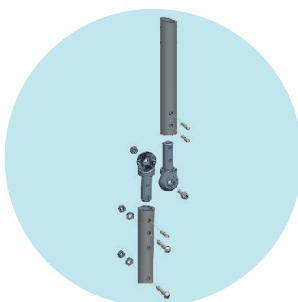
MG64
Curve L Grip



MG28
Tetra release



MH05
Scissor wheel lock



MD10
Back support, adjustable



MD11
Folding back support



MD93
Baxx Back

Adaptive wheelchair *Avantgarde DS*. Information.



MD55
Push handles, height
adjustable/ detachable



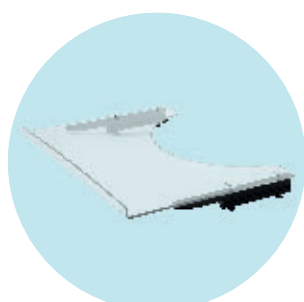
MD56
Push handles, folding



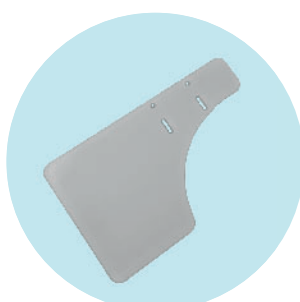
ME50
Arm support padded, swing
away



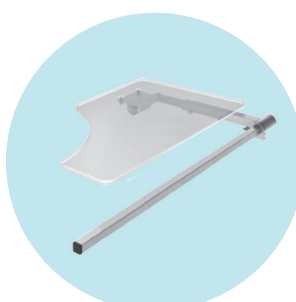
MC15
Seat upholstery with storage
pockets



ME60
Tray



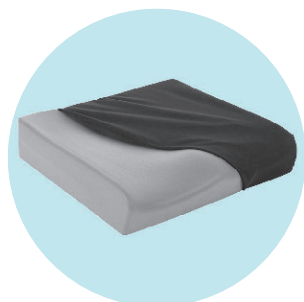
ME66
Half-sided tray



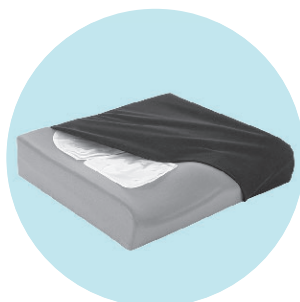
ME67/68
Half-sided folding tray



ME70/71
One-piece forearm pad



MC20
Terra



MC21
Terra Aquos



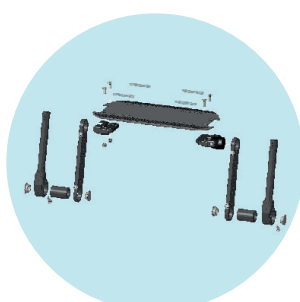
MC22
Terra Flair



MC23
Cloud



MB120
Tube bar



MB150
Single panel, short lower leg
length

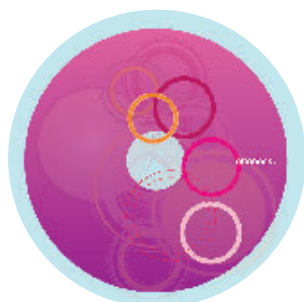


MB85/86/87
Stealth Amputation leg
support



MG100
Graphics

Adaptive wheelchair *Avantgarde DS.* Information.



MG101
Miracle



MG102
Network



MG103
Robots



MG104
Spectrum



MZ58
Bag for rear wheels



MZ59
Pocket for Mobile phone



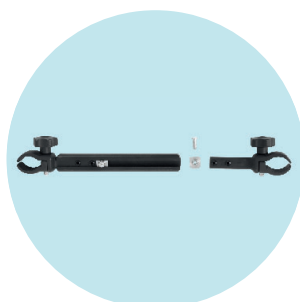
MZ89
Protector for quick-release-
axle



MZ93
Backpack



MZ54
Mounting set head support



MZ61
Clinical mounting set head
support



MZ105
Comfort Plus head support



MZ106
Combo head support