

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 - £2355.00

Please email all orders to
Bockuk@ottobock.com

Valid from 01.03.2026 to 31.12.26
Please ensure you are using the latest order form
v2

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)

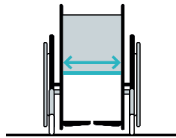
The options marked "CLT option" are used to set up a configuration that is particularly optimised for lightweight construction.

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



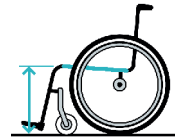
SW= cm

Seat Width
Outside edge of frame –
Outside edge of frame



SD= cm

Seat Depth
Front of seat upholstery –
Back support tube



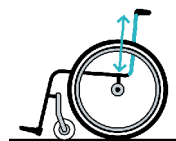
ASH= cm

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

☐ MA01	DS 70°	Inclusive
☐ MA03	DS 80°	Inclusive

Front Frame Offset

☐ MA14	0 cm offset	Inclusive
☐ MA15	2 cm offset	Inclusive

Design of Drive Wheel Adapter

☐ MA113	Adjustable*	Inclusive
☐ MA114	Firmly welded (CLT-Option/ incl. MD12)	£309.00

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

Cross Brace

☐ MA100	Single (CLT-Option)*	£131.00
☐ MA101	Double	Inclusive

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

Type of Wheelchair

☐	Standard	Inclusive
☐ 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

☐	MA50	Transport wheels, pair	£168.00
☐	MA51	Tip-assist, right	£64.00
☐	MA52	Tip-assist, left	£64.00
☐	MA55	Anti-tipper, swing-away, right	£130.00
☐	MA56	Anti-tipper, swing-away, left	£130.00
☐	MA57	Crutch holder with tip-assist, right	£92.00
☐	MA58	Crutch holder with tip-assist, left	£92.00
☐	MA60	Frame padding, long	£81.00
☐	MA60	Frame padding, short	£81.00

Caster Wheels (see table A in annex)

☐	MF01	3" Rollerblade	Inclusive
☐	MF30	4" solid rubber, black	Inclusive
☐	MF35	4" softroll caster, aluminium	£171.00
☐	MF31	5" solid rubber, black	Inclusive
☐	MF36	5" softroll caster, aluminium	£171.00
☐	MF04	5.5" soft caster, grey	Inclusive
☐	MF05	6" pneumatic, grey	Inclusive
☐	MF32	6" solid rubber, black	Inclusive
☐	MF37	6" softroll caster, aluminium	£171.00

Posterior Seat Height [pSH] in cm

☐ 36	☐ 37	☐ 38	☐ 39	☐ 40	☐ 41	☐ 42	☐ 43	☐ 44	☐ 45	☐ 46	☐ 47
☐ 48	☐ 49	☐ 50	☐ 51								

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

☐	MG01	22"	Inclusive
☐	MG02	24"	Inclusive
☐	MG00	25"	Inclusive

Drive Wheel Camber

☐ 0°	☐ 2°	☐ 3°	☐ 4°
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Horizontal Drive Wheel Position (see table D in annex)

☐ A	☐ B	☐ C	☐ D	☐ E	☐ F	☐ G
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Drive Wheel Rim		22"	24"	25"	
☐	MG06	Hollow rims	●	●	Inclusive
☐	MG10	Spinergy SPOX	●		£864.00
☐	MG11	Spinergy LX	●		£892.00
☐	MG12	Spinergy LXL Blade: black spokes	●		£1010.00
☐	MG12	Spinergy LXL Blade: white spokes	●		£1010.00
☐	MG15	Infinity Ultralight	●	●	£123.00
☐	MG150	Infinity Ultralight, colored	●		£211.00
☐	MG80	With drum brake for attendant*	●	●	£445.00
☐	MG831	One-arm drive (double handrim left) with spoke protector*	●		£677.00
☐	MG831	One-arm drive (double handrim right) with spoke protector*	●		£677.00
☐	MG197	Smoother Wheels [suspended] (user weight < 75kg)	●		£1659.00
☐	MG198	Smoother Wheels [suspended] (user weight 75-95kg)	●		£1659.00
☐	MG199	Smoother Wheels [suspended] (user weight > 95kg)	●		£1659.00

* no combination with drive wheel camber

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Tires			22"	24"	25"	
☐	MG30	Pneumatic tire 1 3/8" * * * * *		●		Inclusive
☐	MG31	Schwalbe RightRun 1" * * *	●	●	●	Inclusive
☐	MG34	PU 1" * * * *		●		Inclusive
☐	MG341	PU 1", black * * * *		●		Inclusive
☐	MG37	Schwalbe Marathon Plus Evolution 1"	●	●	●	£76.00
☐	MG200	Schwalbe One 1" * * *		●		£190.00
* no combination with MG15/150						
** no combination with MG10/11/12						
*** no combination with MG197/198/199						
Handrims			22"	24"	25"	
☐	MG50	Aluminium, black coated	●	●	●	Inclusive
☐	MG52	Aluminium, silver anodised, high	●	●	●	£38.00
☐	MG53	Aluminium, silver anodised, low	●	●		£38.00
☐	MG54	rubber-coated	●	●	●	£171.00
☐	MG56	Stainless steel, polished, high	●	●	●	£65.00
☐	MG57	Stainless steel, polished, low	●	●		£65.00
☐	MG63	Curve L (ergonomic shape)		●	●	£433.00
☐	MG65	Gekko (ergonomic shape/ limited hand strength)		●	●	£305.00
☐	MG64	Curve L Grip (ergonomic shape/ little hand strength)		●	●	£470.00
Handrim Mounting						
☐	MG70	Mounting position narrow: 15 mm				Inclusive
☐	MG71	Mounting position wide: 25 mm				Inclusive
☐	SBK13379.001	Mounting position more narrow to customer requirements				mm
Wheelbase Extension, incl. brake adapter						
☐	MG86	Extra long				£262.00
☐	MG82	Extra long with second fitting				£282.00
☐	MG46	Without				Inclusive
Quick-Release Axle System						
☐	MG27	Quick-release axle				Inclusive
☐	MG28	Quick-release axle with Tetra release				£172.00
Drive Wheel Accessories						
☐	MG87	High-pressure air pump, 14 bar				£127.00
☐	MG88	Airman-pump (battery-operated)				£197.00
Shock Absorber*						
☐	MG97	Damping 'soft' user weight < 60kg				£469.00
☐	MG98	Damping 'medium' user weight 61-100kg				£469.00
☐	MG99	Damping 'hard' user weight >100kg				£469.00
* no combination with MG82/86						
Wheel Locks						
☐	MH01	Knee lever wheel lock 4.0				Inclusive
☐	MH30	Knee lever wheel lock 4.0, long lever				Inclusive
☐	MH05	Scissor wheel lock (CLT option)				£206.00
☐	MH06	For user and attendant				£343.00
☐	MH08	One-hand activated, right				£443.00
☐	MH09	One-hand activated, left				£443.00

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Wheel Lock Accessories

☐	MH10	Wheel lock lever extension, fixed	£45.00
☐	MH21	Wheel lock lever extension, pluggable	£110.00

Back Height [BH] in cm

☐ 25	☐ 27.5	☐ 30	☐ 32.5	☐ 35	☐ 37.5	☐ 40	☐ 42.5	☐ 45	☐ 47.5
☐ 50	☐ 52.5	☐ 55							

Back Support System

☐	MD01	Back support, height-adjustable, straight	Inclusive
		☐ BH 25 - 32.5 cm ☐ BH 32.5 - 40 cm ☐ BH 42.5 - 50 cm ☐ BH 52.5 - 55 cm	
☐	MD09	Back support, height-adjustable, with lumbar curve	Inclusive
		☐ BH 35 - 40 cm ☐ BH 40 - 45 cm ☐ BH 45 - 50 cm ☐ BH 50 - 55 cm	
☐	MD10	Back support, adjustable angle in 6° steps	£269.00
		☐ BH 30 - 40 cm ☐ BH 35 - 45 cm ☐ BH 40 - 50 cm	
☐	MD11	Folding back support	£225.00
☐	MD12	Firmly welded back support** (not approved for use in wheelchair accessible vehicles)	£299.00
		☐ 0° ☐ -5° ☐ -10° ☐ -15°	

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

**combination with MA114 only

Back Design

☐	MD03	Back upholstery adaptable, padded	£61.00
☐	MD05	Back upholstery adaptable, breathable	Inclusive
☐	MD18	Back upholstery Ultralight (CLT-Option)	£53.00
☐	MD93	Baxx Back (Aluminium)	£716.00
☐	MD06	Without	Inclusive

Widening Back Pad

☐	MD80	+ 2 cm	Inclusive
☐	MD81	+ 4 cm	Inclusive
☐	MD82	Without	Inclusive

Height for Baxx Back

☐	MD91	Low (10"/25cm)	Inclusive
☐	MD94	Medium (13"/33cm)	Inclusive
☐	MD95	Standard (16"/41cm)	Inclusive

Back Contour for Baxx Back

☐	MD84	Active (2.5"/6cm)	Inclusive
☐	MD85	Deep (4"/10cm)	Inclusive

Push Handles

☐	MD50	Short	Inclusive
☐	MD51	Long	Inclusive
☐	MD52	Telescoping, long	£184.00
☐	MD55	Height-adjustable/detachable	£218.00
☐	MD45	Height-adjustable/detachable for Baxx	£218.00
☐	MD56	Folding*	£155.00
☐	MD59	Without	Inclusive

* max. cap. 125kg/ 275lb

Back Support Accessories

☐	MD58	Stabiliser bar	£294.00
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Adaptive wheelchair *Avantgarde DS.*

Thoracic Supports

☐	MD74	UniLink Trunk Support, large, right	£495.00
☐	MD75	UniLink Trunk Support, large, left	£495.00
☐	MD76	UniLink Trunk Support, medium, right	£495.00
☐	MD77	UniLink Trunk Support, medium, left	£495.00

Side Panels

☐	ME01	Aluminium with cold protection	Inclusive
☐	ME02	Aluminium with splash- and cold protection	£63.00
☐	ME04	Carbon with splash protection (CLT-Option)	£693.00
☐	ME05	Desk side panel with arm support, short	£363.00
☐	ME06	Desk side panel with arm support, long	£363.00
☐	ME17	Desk side panel with arm support, depth adjustable	£163.00

Side Panel Accessories

☐	ME50	Arm support padded, swing away* ☐ short ☐ long ☐ long, extra high	£399.00
☐	ME60	Tray	£264.00
☐	ME66	Half-sided tray, right	£274.00
☐	ME66	Half-sided tray, left	£274.00
☐	ME67	Half-sided folding tray, left	£332.00
☐	ME68	Half-sided folding tray, right	£332.00
☐	ME61	Elevating swivel unit/forearm support, right	£251.00
☐	ME62	Elevating swivel unit/forearm support, left	£251.00

* no combination with ME05/06/17

Channel Forearm Support

☐	ME70	One-piece channel forearm support, left	£77.00
☐	ME71	One-piece channel forearm support, right	£77.00

Seat Upholstery

☐	MC16	Adaptable	Inclusive
☐	MC15	With storage pockets*	£49.00
☐	MC18	Ultralight (CLT-Option)	£53.00
☐	MC06	Without	Inclusive

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

Seat Cushion

☐	MC01	Standard (functional height 5 cm)	£43.00
☐	MC02	Cubic (functional height 5 cm)	£151.00
☐	MC05	Evolight (functional height 6 cm)	£215.00
☐	MC20	Terra (functional height 6 cm)	£200.00
☐	MC21	Terra Aquos (functional height 6 cm)	£241.00
☐	MC22	Terra Flair (functional height 6 cm)	£603.00
☐	MC23	Cloud (functional height 11 cm)	£589.00
☐	MC29	Livo (functional height 5 cm)	£88.00
☐	MC30	EvoFlair (functional height 8 cm)	£313.00

Adaptive wheelchair *Avantgarde DS.*

Leg Support

☐ MB000	Aluminium, single panel, angle-adjustable (MB100)	Inclusive
	☐ Standard (MB200)	Inclusive
	☐ Swing-away, left (MB201) ☐ Swing-away, right (MB202)	£66.00
	☐ with lock (MB70)	£80.00
☐ MB010	Individual, angle adjustable (MB100 / MB160)	Inclusive
☐ MB000	Tube bar (MB120)	£126.00
	☐ with plastic foot plate (MB74)	£57.00
☐ MB000	Single panel, short lower leg length (MB150)	£192.00
☐ MB85	Stealth Amputation leg support, Left	£463.00
☐ MB86	Stealth Amputation leg support, Right	£463.00
☐ MB87	Stealth Amputation leg support, Pair	£926.00
☐ 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)

☐ MB40	Short	Inclusive
☐ MB41	Medium	Inclusive
☐ MB42	Long	Inclusive
☐ MB43	Extra long	Inclusive

Other Accessories

☐ MZ51	Lap belt with metal buckle	£88.00
☐ MZ59	Pocket for mobile phone	£38.00

Spoke Protector

☐ MG90	Transparent	£164.00
☐ MG100	Decor 'Graphics'	£240.00
☐ MG101	Decor 'Miracle'	£240.00
☐ MG102	Decor 'Network'	£240.00
☐ MG103	Decor 'Robots'	£240.00
☐ MG104	Decor 'Spectrum'	£240.00

Adaptive wheelchair *Avantgarde DS.*

Color: Frame

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

Color: Infinity Ultralight / Caster Fork*

☐		Sparkle Light Orange	Inclusive
☐		Marine Blue	Inclusive
☐		Candy Red	Inclusive
☐		Sparkle Granny-Smith	Inclusive

*combination with MG150 only

Color: Baxx Back*

☐	MD89	White RAL 9016	Inclusive
☐	MD90	Obsidian Black (texture)	Inclusive
☐	MD88	Frame color	Inclusive

*combination with MD93 only

Special Accessories

☐	MZ52	Tool kit	£68.00
☐	MZ58	Bag for drive wheels (2 wheels / max.: 28")	£124.00
☐	MZ65	Active lighting	£38.00
☐	MZ89	Protection for quick-release-axle	£12.00
☐	MZ92	Wheelblades (ski blades for caster wheels)	£485.00
☐	MZ93	Backpack	£73.00

Mounting Set Head Support

☐	MZ54	Mounting set	£121.00
☐	MZ61	Clinical mounting set	£121.00

Head / Neck Supports for UniLink

☐	MZ105	Comfort Plus, size M	£452.00
☐	MZ106	Combo (3-pad), size L	£606.00

UniLink Accessories

☐	MZ107	UniLink Extension 38 mm	£63.00
☐	MZ108	UniLink Extension 50 mm	£63.00
☐	MZ109	UniLink Extension 76 mm	£62.00

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	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

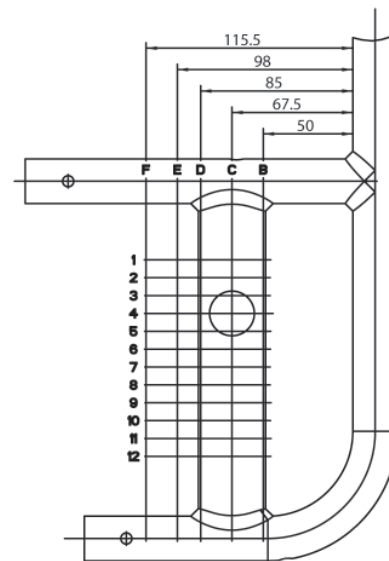
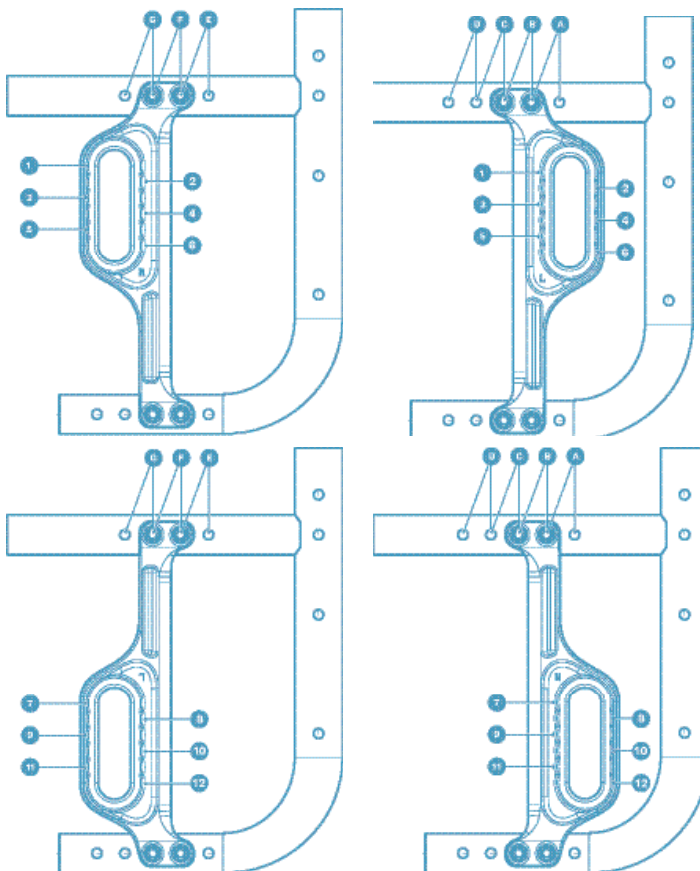
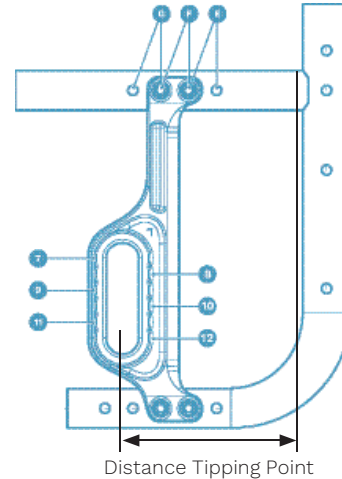


possible position

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	-

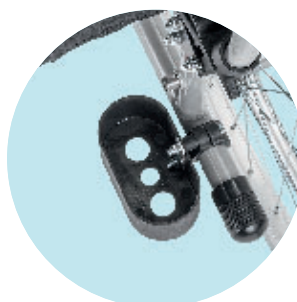
Adaptive wheelchair *Avantgarde DS*. Information.



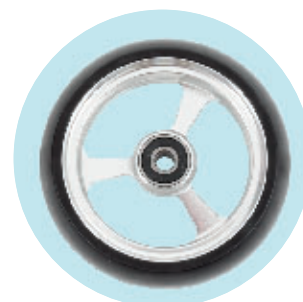
MA51/52
Tip-assist



MA55/56
Anti-tipper



MA57/58
Crutch holder



MF35/36/37
4" softroll caster, aluminium



MG10
Spinerger SPOX



MG11
Spinerger LX



MG83
One-arm drive



MG197/198/199
Smoother Wheels



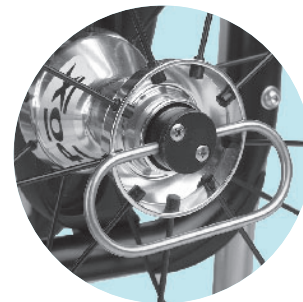
MG63
Curve L



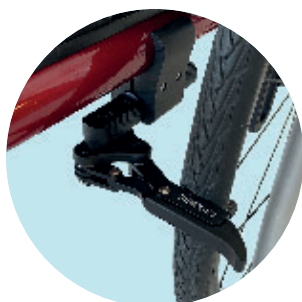
MG65
Gekko



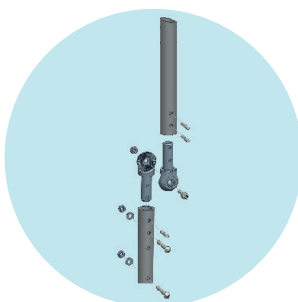
MG64
Curve L Grip



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



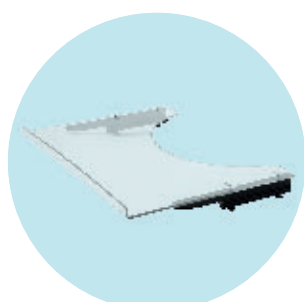
MD56
Push handles, folding



ME50
Arm support padded, swing
away



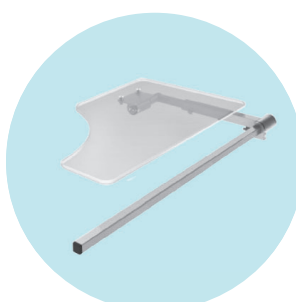
MC15
Seat upholstery with storage
pockets



ME60
Tray



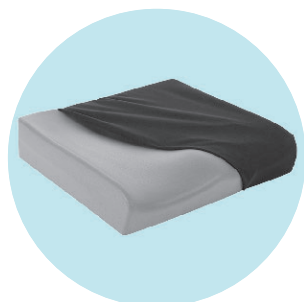
ME66
Half-sided tray



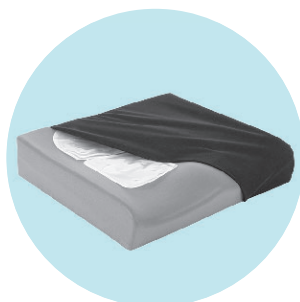
ME67/68
Half-sided folding tray



ME70/71
One-piece forearm pad



MC20
Terra



MC21
Terra Aquos



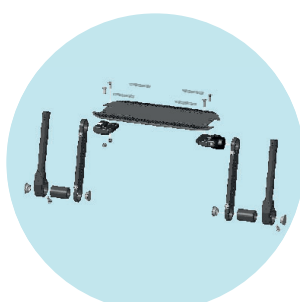
MC22
Terra Flair



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



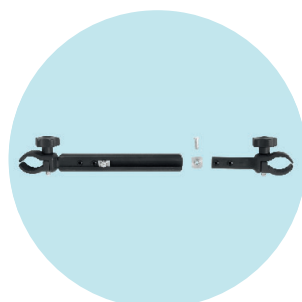
MZ89
Protector for quick-release-
axle



MZ93
Backpack



MZ54
Mounting set head support



MZ61
Clinical mounting set head
support



MZ105
Comfort Plus head support



MZ106
Combo head support