# Order no.: Base Price - £2215.00 Valid from 01.01.24 to 31.12.24 Please ensure you are using the latest order form ☐ Provide estimate only ☐ Order ☐ Attachment for custom fabrication enclosed Billing address/customer number Delivery address Sales person Name Modular design Date Signature By placing the order, you agree to comply with the instructions for use/service manuals for Calf strap 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 Wheelchairs with CLT package cannot be returned or exchanged.

# Avantgarde 4 DV

### Active wheelchair

Article number: 480F160=0\_AA03\_C



#### Standard equipment

- Aluminium tube frame with double cross brace
- Choice of front frame offset
- Aluminium leg supports, individual leg supports, swing away, removable
- Adaptable back support upholstery
- · Aluminium side panels
- Drive wheels with quick-release axles
- Knee lever wheel lock 4.0

Folding, max. user weight 140 kg Crash-tested according to DIN ISO 7176-19 (with double cross brace)

Front frame type			
MA 000	X	DV	£131.00
Front frame offset			
MA 14		0 cm offset	Inclusive
MA 15		2 cm offset	Inclusive

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

#### Information

Anterior seat height in cm	3"	4"	5"	5.5"	6"
38.0	Х				
39.0	Х				
40.0	X				
41.0	X	X			
42.0	X	X			
43.0	X	X	X		
44.0	X	X	X		
45.0	X	X	X	X	X
46.0	X	X	X	X	X
47.0	X	X	X	X	X
48.0		X	X	X	X
49.0		X	X	X	X
50.0		X	X	X	X
51.0			X	X	X
52.0			X	X	X
53.0				X	X
54.0					X

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

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.

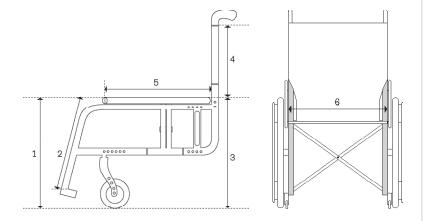
 $\dot{\text{The posterior seat height (PSH) depends on the selected wheel size and mounting position in the drive wheel attachment device.}$ 

Please refer to the seat height table!

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

#### Wheelchair measurements\*

- 1 Anterior seat height (ASH)
  - = ground to top of seat upholstery
- 2 Lower leg length (LL)
  - top of seat upholstery to top of foot plate (without seat cushion)
- 3 Posterior seat height (PSH)
  - = ground to top of seat upholstery
- 4 Back support height (BH)
  - = top of seat tube (crossbrace) to top of back support upholstery
- 5 Seat depth (SD)
  - = front of seat upholstery to back support tube
- 6 Seat width (SW)
  - = outside edge of frame tube to outside edge of frame tube



Equipmen MA 110	it .		Stand	ard (for using	n in wheelch	air accessible	a vehicles acc	cording DIN I	SO 7176-19)			£2215.00
MA 111			-								£3486.00	
MA 112				T version, Ultra (incl. MA 114, MA 100, MG 15, MG 200, MH 05, MD 18, ME 04,							£3573.00	
D : (	1. 1			,								
Design of	drive whe	el ada	Ī	l:cc								la alcatica
MA 113				different set		S						Inclusive
MA 114		Ш	Perma	anently welc	iea							£290.00
Cross brac	ce	ı										
MA 100					-	ty 100 kg, up						£123.00
MA 101			Doubl	le (for using	in wheelch	air accessible	e vehicles ac	ccording DIN	I ISO 7176-19	9)		Inclusive
Type of wl	heelchair (	reduc	ed grou	und clearand	e in deliver	y condition	for hemiple	gia fittings)*				
			Stand	ard								Inclusive
MB 50			Foot-p	oropelled w	heelchair							Inclusive
* Risk due t	o getting ca	ught (	on obsta	cles. Please o	bserve safety	/ information	in the instruc	tions for use!				
Seat width	n SW in cm											
□ 32	□34		36	□38	□40	☐ 42	<b>□</b> 44	□46	□48	□50	☐ 52	
Seat deptl	h SD in cm											
□36	□38		]40	☐ 42	□44	□46	□48	□50	☐ 52	□54		
Anterior s	eat height	in cm	1									
□38	□ 39		40	<b>4</b> 1	<b>42</b>	<b>4</b> 3	<b>4</b> 4	<b>45</b>	□46			
47	□48		49	□50	□ 51	☐ 52	□53	□ 54				
Frame acc	essories											
MA 50			Transp	ort wheels,	pair				+ 8	300 g		£157.00
MA 51			Tip-as	sist, right					+ :	243 g		£60.00
MA 52			Tip-as	sist, left					+	243 g		£60.00
MA 55			Anti-t	ipper, right					+ (	634 g		£122.00
MA 56			Anti-t	ipper, left					+ (	634 g		£122.00
MA 57			Crutch	n holder witl	h tip-assist,	right			+ :	303 g		£86.00
MA 58			Crutch	n holder wit	h tip-assist,	left			+ :	303 g		£86.00
MA 60			Frame	pads long					+	- 70 g		£75.00
MA 60			Frame	pads short					+	- 70 g		£75.00
Frame acc	essories											
MF 01			3" ska	ter role								Inclusive
MF 30			4" soli	d rubber, bl	ack							Inclusive
MF 35			4" soft	t caster, alur	ninium							£160.00
MF 31			5" soli	d rubber, bl	ack							Inclusive
MF 36			5" soft	t caster, alun	ninium							£160.00
MF 04			5.5" sc	oft caster, gr	ey							Inclusive
MF 05			6" pne	eumatic, gre	у							Inclusive
MF 32			6" soli	d rubber, bl	ack							Inclusive
MF 37			6" soft	oft caster, aluminium £160.							£160.00	

### 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

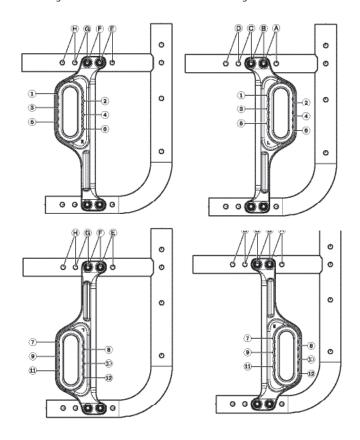
### Posterior seat height

Free mounting		Drive wheel size	
positions	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

Caster axle									
MF 90		X	Caste	r forks with	threaded ax	les			Inclusive
Posterior seat he	eight i	in cn	n						
□36 □3 □44 □4			]38 ]46	□ 39 □ 47	□40 □48	□ 41 □ 49	□ 42 □ 50	□ 43 □ 51	
Drive wheel size									
MG 01			22"						Inclusive
MG 02			24"						Inclusive
MG 00			25"						Inclusive
SBK 13335.000			26"						POA
Drive wheel can	ber			□0°	□2°	□3°	□4°		
Horizontal drive	whee	el po	sition (	for frame ve	rsion adjust	able)			
□ A □ B			]c	□D	ΠЕ	□F	□G	□н	

#### 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.



Drive wheel rim			22"	24"	25"	
MG 06		Hollow rims	•	•		Inclusive
MG 10		Spinergy SPOX - 360 g				£812.00
MG 11		Spinergy LX - 400 g				£839.00
MG 12		Spinergy LXL Blade, black spokes - 660 g				£949.00
MG 12		Spinergy LXL Blade, white spokes - 660 g				£949.00
MG 15		Infinity Ultralight (not possible in combination with MG 34) - 720 g				£115.00
MG 150		Infinity Ultralight, coloured (not possible in comb. with MG 34) - 720 g				£197.00
		Colour set Infinity Ultralight/caster fork	22"	24"	25"	
		Sparkle light orange				
		Marine blue				
		☐ Candy red				
		Sparkle granny-smith				
MG 80		With drum brake / attendant* + 1540 g				£418.00
MG 83		One-arm drive with double handrim left + 3022 g				£886.00
MG 83		One-arm drive with double handrim right + 3022 g				£886.00
* not possible in comb	intaior	n with camber				
Tyres			22"	24"	25"	
MG 30	П	Pneumatic tyre 1 3/8"			23	Inclusive
MG 31		Schwalbe RightRun 1" - 542 c	+-			Inclusive
MG 34		PU 1" (not possible in combination with MG 15/MG 150) - 198 g	+			Inclusive
		PIL1" black		<u> </u>		
MG 341	Ш	(not possible in combination with MG 15/MG 150)		•		Inclusive
MG 37		Schwalbe Marathon Plus Evolution 1" - 168 g	•	•	•	£53.00
MG 371		Schwalbe Marathon Plus Evolution 1.1" - 163 g		•		£70.00
MG 200		Schwalbe ONE 1" -768 g	$\perp$	•		£109.00
Handrims			22"	24"	25"	
MG 50		Aluminium, black coated				Inclusive
MG 52		Aluminium, silver anodised, high - 40 g				£34.00
MG 53		Aluminium, silver anodised, low - 120 g				£34.00
MG 54		rubber-coated + 500 g				£160.00
MG 56		Stainless steel, polished, high + 620 g				£61.00
MG 57		Stainless steel, polished, low + 580 g				£61.00
MG 63		Curve L (anodised) + 200 g				£407.00
MG 64		Curve L Grip for users with limited gripping function + 840 g				£441.00
MG 65		GEKKO, ergonomic handrim +580 g				£286.00
Handrim mounting						
SBK 13379.001		Mounting position more narrow to customer requirements mm				POA
MG 70		Mounting position narrow (15 mm)				Inclusive
MG 71		Mounting position wide (25 mm)				Inclusive
Wheelbase extensio	n incl	uding wheel lock adapter				
MG 86		Extra long				£246.00
MG 82		Extra long with second fitting				£264.00
MG 46		Without				Inclusive

MG 27	Quick-release axle sy	ystem			
Michael accessories	MG 27		Quick-release axle		Inclusive
MG 87	MG 28		Quick-release axle with Tetra release	+ 158 g	£161.00
MG 88	Drive wheel accesso	ries			
Shock absorber	MG 87		High-pressure air pump, 14 bar		£119.00
MG 97	MG 88		Airman pump		£185.00
MG 98	Shock absorber				
MG 99	MG 97		Damping "soft" (up to 60 kg)		£440.00
Wheel locks         Inclusive           MH 01         Knee lever wheel lock 4.0, long lever         Inclusive           MH 30         Knee lever wheel lock 4.0, long lever         Inclusive           MH 05         Scissor wheel lock         -32 g         £193.00           MH 06         Knee lever wheel lock for user and attendant         +470 g         £322.00           MH 08         Knee lever wheel lock for one-handed operation, right         +180 g         £416.00           MH 10         Knee lever wheel lock for one-handed operation, left         +180 g         £416.00           Wheel lock accessores         Knee lever wheel lock lever extension, fixed         £41.00         £41.00           MH 10         Wheel lock lever extension, fixed         £41.00         £41.00           MH 12         Wheel lock lever extension, pluggable         £93.00           Back support height: All 10 at the properties of the left of the left of the left of t	MG 98		Damping "medium" (61 kg – 100 kg)		£440.00
MH 01	MG 99		Damping "hard" (101 kg – 140 kg)		£440.00
MH 30	Wheel locks				
MH 05           Scissor wheel lock         -32 g         £193.00           MH 06           Knee lever wheel lock for user and attendant         +470 g         £322.00           MH 08           Knee lever wheel lock for one-handed operation, right         +180 g         £416.00           MH 09           Knee lever wheel lock for one-handed operation, left         +180 g         £416.00           Wheel lock lever extension, fixed         £41.00           MH 20           Wheel lock lever extension, pluggable         £93.00           Back support height but but but but but but but but but bu	MH 01		Knee lever wheel lock 4.0		Inclusive
MH 06           Knee lever wheel lock for user and attendant         + 470 g         £322.00           MH 08           Knee lever wheel lock for one-handed operation, right         + 180 g         £416.00           MH 09           Knee lever wheel lock for one-handed operation, left         + 180 g         £416.00           Wheel lock accessores           Wheel lock lever extension, fixed         £41.00           MH 10           Wheel lock lever extension, pluggable         £93.00           Back support height in the street of	MH 30		Knee lever wheel lock 4.0, long lever		Inclusive
MH 08           Knee lever wheel lock for one-handed operation, right         + 180 g         £416.00           MH 09           Knee lever wheel lock for one-handed operation, left         + 180 g         £416.00           Wheel lock lever wheel lock for one-handed operation, left         + 180 g         £416.00           Wheel lock lever extension, fixed         £41.00           MH 10           Wheel lock lever extension, pluggable         £93.00           Back support height             25           27.5   30   32.5   35   37.5   35   37.5   35   37.5   34.0   37.5   34.5	MH 05		Scissor wheel lock	- 32 g	£193.00
MH   10	MH 06		Knee lever wheel lock for user and attendant	+ 470 g	£322.00
Wheel lock lever extension, fixed	MH 08		Knee lever wheel lock for one-handed operation, right	+ 180 g	£416.00
MH 10                   Wheel lock lever extension, fixed         £41.00           MH 21                   Wheel lock lever extension, pluggable         £93.00           Back support height in very large and the process of th	MH 09		Knee lever wheel lock for one-handed operation, left	+ 180 g	£416.00
MH 21	Wheel lock accessor	ies			
Back support height in cm	MH 10		Wheel lock lever extension, fixed		£41.00
	MH 21		Wheel lock lever extension, pluggable		£93.00
MD 01	Back support height	t in cn	n		
MD 01					
MD 01	Back support system	n			
MD 10	MD 01			☐ RH 52,5 – 55 cm	Inclusive
MD 12	MD 09			☐ RH 50 – 55 cm	Inclusive
Back support upholstery  MD 03	MD 10			6 g	£252.00
MD 03 Adaptable, padded £57,00   MD 05 Adaptable, breathable Inclusive   MD 18 Ultra light £49,00   MD 06 Without Inclusive    Back support pad widening  MD 80  MD 81  Adaptable, preadhable  Ultra light  £49,00  Inclusive  MD 80  Inclusive  MD 81  MD 82  Without  Use of BAXX back support system (include order form, model-specific restrictions are possible)	MD 12				£109.00
MD 05   Adaptable, breathable Inclusive  MD 18   Ultra light £49.00  MD 06   Without Inclusive  Back support pad widening  MD 80   + 2 cm Inclusive  MD 81   +4 cm Inclusive  MD 82   Without Inclusive  Use of BAXX back support system (include order form, model-specific restrictions are possible)	Back support uphols	stery			
MD 18 Ultra light £49.00  MD 06 Without Inclusive  Back support pad widenity  MD 80	MD 03		Adaptable, padded		£57.00
MD 06   Without Inclusive  Back support pad widening  MD 80   +2 cm Inclusive  MD 81   +4 cm Inclusive  MD 82   Without Inclusive  Use of BAXX back support system (include order form, model-specific restrictions are possible)	MD 05		Adaptable, breathable		Inclusive
Back support pad widening  MD 80	MD 18		Ultra light		£49.00
MD 80	MD 06		Without		Inclusive
MD 81	Back support pad w	idenin	ng		
MD 82 Without Inclusive  Use of BAXX back support system (include order form, model-specific restrictions are possible)	MD 80		+ 2 cm		Inclusive
Use of BAXX back support system (include order form, model-specific restrictions are possible)	MD 81		+ 4 cm		Inclusive
	MD 82		Without		Inclusive
	Use of BAXX back su	ıpport	system (include order form, model-specific restrictions are possible)		
· · · · · · · · · · · · · · · · · · ·					£673.00

Push handles				
MD 50		Short		Inclusive
MD 51		Long	+ 128 g	Inclusive
MD 52		Telescoping, long	+ 178 g	£172.00
MD 55		Height-adjustable/removable	+ 530 g	£204.00
MD 56		Fold-down (max. load capacity 125 kg/275 lbs)	+ 108 g	£145.00
MD 59		Without	- 258 g	Inclusive
Back support asse	ccories			
MD 58		Stabiliser bar		£177.00
Side panels				
ME 01		With protection against the cold		Inclusive
ME 02		With splash guard and protection against the cold	+ 186 g	£59.00
ME 04		Carbon, with splash guard	- 126 g	£651.00
ME 05		Desk side panel with arm support, short	+ 352 g	£341.00
ME 06		Desk side panel with arm support, long	+ 536 g	£341.00
SBK 24811.010		Side panel with arm support, pluggable (not in combination with single cross brace CLT (MA 100))		POA
Side panel accesso	ories			
ME 50		Arm support padded, swing away (not possible in combin. with do	esk side panel)	£375.00
ME 60		Tray		£248.00
ME 66		Tray, half side ☐ left ☐ right		£257.00
ME 61		Swivel unit for channel forearm pads, right *		£166.00
ME 62		Swivel unit for channel forearm pads, left *		£166.00
*: replaces the exis	sting arı	m support		
Channel forearm p	nad			
ME 70		Channel forearm pad, one-piece, left		£71.00
ME 71		Channel forearm pad, one-piece, right		£71.00
		Chaine to carri pad, one piece, right		
Seat upholstery		T		
MC 15	-	Seat upholstery with storage compartment		£45.00
MC 16	-	Upholstery readjustable		Inclusive
MC 18	-	Ultra light		£49.00
MC 06		Without		Inclusive
Seat cushions				
MC 01		Standard (cushion thickness 5 cm)		£98.00
MC 02	$\Box$	Cubic Foam (cushion thickness 5 cm)		£141.00
MC 05		Evolight (cushion thickness 6 cm)		£201.00
MC 20		Terra (cushion thickness 10 cm)		£188.00
MC 21		Terra Aquos (cushion thickness 10 cm)		£226.00
MC 22		Terra Flair (cushion thickness 10 cm)		£566.00
MC 23		Cloud (cushion thickness 10 cm)		£553.00
MC 29		Livo (cushion thickness 5 cm)		£82.00
MC 30		Evoflair (cushion thickness 8 cm)		£293.00

Material		Aluminium (serrated, M	B 160)	Plastic (MB 1	70)		Accesso	ries
Leg support		, ,	Inclusive	,	Inclusive			
Single-panel (MB		Standard (MB 100)	Inclusive	-		☐ With	lock (MB 70)	£74.00
000) Inclusive	□ F	For short LL (MB 150)	£180.00	-			-	
Individual	☐ <sup>9</sup>	Standard 16 cm (MB 010)	Inclusive	Standard (MB 010)	Inclusive		-	
				Pair (MB 25)	£336.00		-	
Elevating		-		Right* (MB 26)	£169.00		-	
				☐ Left* (MB 27)	£169.00		-	
Tube foot sup- port	<u> </u>	Standard (MB 120)	£118.00	-		Plast (MB 7	ic footplate 74)	£53.00
		without seat cushion)						
Lower leg length (I	LL) in	cm (availa	able setting rar	nge 16 cm – 55 cm)			_ ///	
							2	000000
Choice of foot supp	port b	oar (without seat cushion)						
MB 40		Short (30 – 43 cm)						Inclusive
MB 41		Medium (35 – 48 cm)						Inclusive
MB 42	$\Box$	Long (40 – 53 cm)						Inclusive
MB 43		Extra long (≥ 45 cm)						Inclusive
Other accessories								
MZ 51		Lap belt with metal buc	:kle					£82.00
MZ 59		Pocket for mobile phon	e					£34.00
Spoke protectors								
MG 90		Transparent						£154.00
MG 100		Graphic decor						£225.00
MG 101		Miracle decor						£225.00
MG 102		Network decor						£225.00
MG 103		Robots decor						£225.00
MG 104		Spectrum decor						£225.00

Frame colours		
001	Brilliant silver	Inclusive
002	Anthracite metallic	Inclusive
003	Jet black RAL 9005	Inclusive
004	Ice blue	Inclusive
005	Sparkle light orange	Inclusive
009	Vinho sparkle	Inclusive
010	Marine blue	Inclusive
012	Sky blue	Inclusive
014	Candy red	Inclusive
021	Sparkle granny-smith	Inclusive
023	White RAL 9016	Inclusive
027	Shimano matte	Inclusive
032	Pure metal blue	£440.00
033	Pure metal green	£440.00
034	Pure metal bronze	£440.00
035	Pure metal red	£440.00
048	Jet black matte (structure)	Inclusive
SBK 24817.000	Special colour to customer requirements	POA
Special accessories		
MZ 52	Tool kit	£63.00
MZ 58	Bag for drive wheels (for 2 drive wheels up to 28")	£116.00
MZ 65	Active lighting	£34.00
MZ 89	Protection for quick-release-axle	£10.00
MZ 92	Wheelblades (Mini-skis for caster wheels)	£455.00
MZ 93	Backpack	£67.00

#### Information



MA 55/56 Anti-tipper



MA 51/52 Tip-assist



MA 57/58 Crutch holder



MB 120 Tube foot support



MF 35/36/37 4/5/6" soft caster



MG 100 Graphic



MG 104 Spectrum



MG 10 Spinergy SPOX



MG 06 Hollow rim



MG 15 Infinity Ultralight



MG 11 Spinergy LX



MG83 One-arm drive with double handrim



MC 15 Seat upholstery with storage compartments



MD 56 Fold-down push handles



MD 55 Push handles, height-adjustable/removable



MB 27 Elevating leg support



MH 10 Wheel lock lever extension



MG 28 Tetra release



MA 114 Drive wheel adapter, permanently welded