MA 15

2 cm offset

# ottobock.

Inclusive

#### Avantgarde 4 DS Order no.: Base Price - £2215.00 Active wheelchair Article number: 480F160=0\_AA02\_C 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 Standard equipment Aluminium tube frame with double cross brace Choice of front frame offset Sales person Name Aluminium leg supports, single panel Adaptable back support upholstery Aluminium side panels Modular design Date Signature Drive wheels with quick-release axles Knee lever wheel lock 4.0 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 Calf strap 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 Folding, max. user weight 140 kg 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 Crash-tested according to DIN ISO 7176-19 modifications or attachments that do not meet the specifications of Ottobock instructions for (with double cross brace) Wheelchairs with CLT package cannot be returned or exchanged. Front frame type DS 70° MA 01 Inclusive DS 80° MA 03 Inclusive Front frame offset MA 14 0 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	X				
39.0	X				
40.0	X				
41.0	X	Х			
42.0	X	X			
43.0	X	Х	Х		
44.0	X	X	X		
45.0	Х	Х	Х	Х	Х
46.0	X	Х	Х	Х	Х
47.0	X	Х	Х	Х	Х
48.0		Х	Х	Х	Х
49.0		Х	Х	Х	Х
50.0		X	X	Х	Х
51.0			Х	Х	Х
52.0			Х	Х	Х
53.0				Х	Х
54.0					Х

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

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.

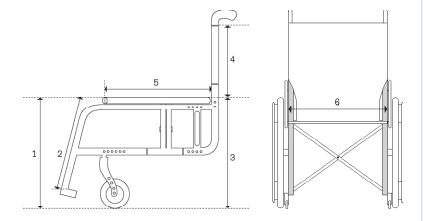
 $\dot{\text{The posterior seat height (PSH) depends on the selected wheel size and mounting position in the drive wheel attachment device.}$ 

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



Equipment										
MA 110		Standard (f	tandard (for using in wheelchair accessible vehicles according DIN ISO 7176-19)							
MA 111		CLT version	ELT version (incl. MA 114, MA 100, MG 15, MG 200, MH 05, ME 04) £							
MA 112 CLT version, Ultra (incl. MA 114, MA 100, MG 15, MG 200, MH 05, MD 18, ME 04, MC 18)										£3573.00
Design of drive whe	eel ada	apter								
MA 113	☐ With different setting options									
MA 114 Permanently welded									£290.00	
Cross brace										
MA 100		Single, CLT	(max. load capac	ity 100 kg, up	to SW 42)					£123.00
MA 101		Double (for	using in wheelc	hair accessible	e vehicles ac	ccording DIN	I ISO 7176-19	9)		Inclusive
Type of wheelchair	(reduc	ced around c	learance in delive	ery condition	for hemiple	gia fittings)*				
71.		Standard		,		<u> </u>				Inclusive
MB 50		Foot-prope	elled wheelchair							Inclusive
* Risk due to getting o	aught	on obstacles. F	Please observe safe	ty information	in the instruc	tions for use!				
Seat width SW in cr	n									
□32 □34			38	42	44	<u></u> 46	48	<u></u> 50	52	
Seat depth SD in cn										
36 □ 38			42 44		48	50	52	54		
			42 144	L 40	L 40		L 32			
Anterior seat heigh										
□ 38 □ 39 □ 47 □ 48		]40 □ ]49 □	41	□ 43 □ 52	□ 44 □ 53	□ 45 □ 54	□46			
Frame accessories										
MA 50		Transport v	vheels nair				+ 5	300 g		£157.00
MA 51	1 -	Tip-assist, r						243 g		£60.00
MA 52	1 -	Tip-assist, l						243 g		£60.00
MA 55	1 -	Anti-tipper						634 g		£122.00
MA 56		Anti-tipper						 534 g		£122.00
MA 57			der with tip-assis	t, right			+ :	303 g		£86.00
MA 58		Crutch hold	der with tip-assis	t, left			+ :	303 g		£86.00
MA 60		Frame pads	s long				+	- 70 g		£75.00
MA 60		Frame pads	s short				+	- 70 g		£75.00
Caster wheels										
MF 01		3" skater ro	le							Inclusive
MF 30		4" solid rub	4" solid rubber, black							Inclusive
MF 35		4" soft cast								£160.00
MF 31		5" solid rub	ber, black							Inclusive
MF 36		5" soft cast	er, aluminium							£160.00
MF 04		5.5" soft ca	ster, grey							Inclusive
MF 05		6" pneuma	tic, grey							Inclusive
MF 32		6" solid rub	ber, black							Inclusive
MF 37		6" soft cast	' soft caster, aluminium £16							

### 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		

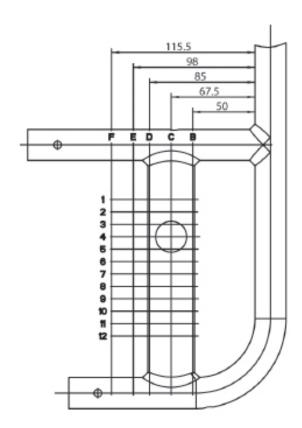
### Posterior seat height

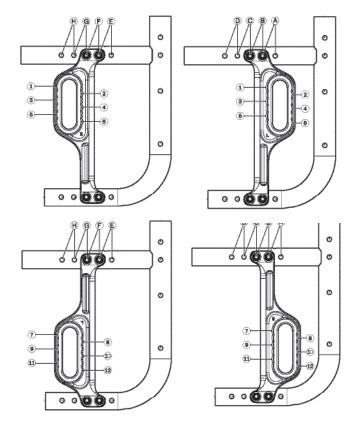
Free mounting	Drive wheel size						
positions	22"	24"	25"				
1	36 cm	38 cm	40 cm				
2	37 cm	39 cm	41 cm				
3	38 cm	40 cm	42 cm				
4	39 cm	43 cm					
5	40 cm	42 cm	44 cm				
6	41 cm	43 cm	45 cm				
7	42 cm	44 cm	46 cm				
8	43 cm	45 cm	47 cm				
9	44 cm	46 cm	48 cm				
10	45 cm	47 cm	49 cm				
11	46 cm	48 cm	50 cm				
12	47 cm	49 cm	51 cm				

Caster axle	<u> </u>									
MF 90		X	Caster	aster forks with threaded axles						
Posterior s	Posterior seat height in cm									
□36 □44	□ 37 □ 45	_	]38 ]46	□ 39 □ 47	□ 40 □ 48	□ 41 □ 49	□ 42 □ 50	□ 43 □ 51		
Drive whee	el size									
MG 01			22"						Inclusive	
MG 02			24"						Inclusive	
MG 00			25"						Inclusive	
SBK 13335.	.000		26"						POA	
Drive wheel camber			□0°	□2°	□3°	□4°				
Horizontal	drive wh	eel po	sition (f	for frame ve	ersion adjust	table)				
ПА	□в		]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	intaio	n with camber		1		
Tyres			22"	24"	25"	
MG 30		Pneumatic tyre 1 3/8"				Inclusive
MG 31		Schwalbe RightRun 1" - 542 g				Inclusive
MG 34		PU 1" (not possible in combination with MG 15/MG 150) - 198 g				Inclusive
MG 341		PU 1", black (not possible in combination with MG 15/MG 150)				Inclusive
MG 37	П	Schwalbe Marathon Plus Evolution 1" - 168 q				£60.00
MG 371		Schwalbe Marathon Plus Evolution 1.1" - 163 q				£70.00
MG 200		Schwalbe ONE 1" - 768 q				£109.00
		1	22"	2.4"	25"	
Handrims		Alternative black seeks d	22"	24"	25"	la alcaica
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		٠	•	£441.00
MG 65		GEKKO, ergonomic handrim +580 g		•	•	£286.00
Handrim mounting						
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

Quick-release axle sys	tem	
MG 27	Quick-release axle	Inclusive
MG 28	Quick-release axle with Tetra release + 158	g £161.00
Drive wheel accessori	es	
MG 87	High-pressure air pump, 14 bar	£119.00
MG 88	Airman pump	£185.00
Shock absorber		
MG 97	Damping "soft" (up to 60 kg)	£440.00
MG 98	Damping "medium" (61 kg – 100 kg)	£440.00
MG 99	Damping "hard" (101 kg – 140 kg)	£440.00
Wheel locks		
MH 01	☐ Knee lever wheel lock 4.0	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 09	☐ Knee lever wheel lock for one-handed operation, left + 180	g £416.00
Wheel lock accessorie	es s	
MH 10	☐ Wheel lock lever extension, fixed	£41.00
MH 21	Wheel lock lever extension, pluggable	£102.00
Back support height i	in cm	
□ 25 □ 27.5	□ 30 □ 32.5 □ 35 □ 37.5	
40 42.5	45 47.5 50 52.5 55	
Back support system		
MD 01	Back support, height-adjustable, straight  ☐ RH 25 – 32,5 cm ☐ RH 32,5 – 40 cm ☐ RH 42,5 – 50 cm ☐ RH 52,	Inclusive
MD 09	Back support, height-adjustable, with lumbar curve	Inclusivo
	☐ RH 35 – 40 cm ☐ RH 40 – 45 cm ☐ RH 45 – 50 cm ☐ RH 50 ☐ Back support, angle-adjustable in 6° increments (-15 to +9°) + 426 g	– 55 CM
MD 10	☐ RH 30 – 40 cm ☐ RH 35 – 45 cm ☐ RH 40 – 50 cm	£252.00
MD 12	Firmly welded back support  0°  -5°  -10°  -15°	£109.00
Back support upholsto	ery	
MD 03	Adaptable, padded	£57.00
MD 05	Adaptable, breathable	Inclusive
MD 18	☐ Ultra light	£49.00
MD 06	Without	Inclusive
Back support pad wid	ening	
MD 80	☐ + 2 cm	Inclusive
MD 81	□ +4 cm	Inclusive
MD 82	Without	Inclusive
Use of BAXX back sup	port system (include order form, model-specific restrictions are possible)	
	Baxx aluminium back support, enclosed	£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	£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 assecc	ories					
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 accessori	es					
ME 50		Arm support padded, swing away (not possible in combin. with desk	side panel)	£375.00		
ME 60		Tray		£248.00		
ME 66		Tray, half side ☐ left ☐ right				
ME 61		Swivel unit for channel forearm pads, right * £				
ME 62		Swivel unit for channel forearm pads, left *		£166.00		
*: replaces the existi	ng arr	n support				
Channel forearm page	d					
ME 70		Channel forearm pad, one-piece, left		£71.00		
ME 71		Channel forearm pad, one-piece, right		£71.00		
Seat upholstery						
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		Seat cushion, standard (cushion thickness 5 cm)		£98.00		
MC 02		Cubic Foam seat cushion (cushion thickness 5 cm)		£141.00		
MC 05		Evolight seat cushion (cushion thickness 6 cm)		£201.00		
MC 20		Terra seat cushion (cushion thickness 10 cm)		£188.00		
MC 21		Terra Aquos seat cushion (cushion thickness 10 cm)		£226.00		
MC 22		Terra Flair seat cushion (cushion thickness 10 cm) £566.0				
MC 23		Cloud seat cushion (cushion thickness 10 cm)		£553.00		
MC 29		Livo (cushion thickness 5 cm)		£82.00		
MC 30	П	Evoflair (cushion thickness 8 cm)		£293.00		

Material		Aluminium (serrated			Accessori	es		
Leg support			Inclusive					
Single-panel (MB 000)		Standard (MB 100)	Inclusive		With lock (MB 70)	£74.00		
Inclusive		For short LL (MB 150)	£180.00		-			
Individual		Standard 16 cm (MB 010)	Inclusive		-			
Tube foot sup-		Standard (MB 120)	£118.00		Plastic footplate (MB 74)	£53.00		
Without (MB 80) Inclusive			-					
Lower leg length in	n cm	(without seat cushion)					7	
Lower leg length (LL) in cm								
Design of foot sun	nort	bar (only in combination	with lea support	or ti	uhe foot support si	nale-nanel)		
MB 200	Г	7 Standard				igic pailely	Inclusive	
MB 201	$\exists  \vdash$	Swing away, left					£62.00	
MB 202	┨ <u>-</u>	Swing away, right						
Chaica of fact supp	nort	bar (without seat cushio	n)					
MB 40	РОГС	Short (30 – 41 cm)	11)				Inclusive	
MB 41	┨╏						Inclusive	
MB 42	┨╏	Long (> 47 cm)	Medium (41 – 51 cm)					
							Inclusive	
Other accessories								
MZ 51	┦╏	'					£82.00	
MZ 59	L	Pocket for mobile ph	none				£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	T	Brilliant silver					Inclusive	
002		_					Inclusive	
003		Jet black RAL 9005					Inclusive	
004	76	_					Inclusive	
005		_					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



MH 10 Wheel lock lever extension



MG 28 Tetra release



MA 114 Drive wheel adapter, permanently welded