# 2017/18

# ottobock.

Item Price - £1570.00		Order no.:
☐ Provide estimate only	Order	
Billing address/customer number		
Delivery address		
Sales person	Name	
	Date Sig	gnature
By placing the order, you agree to comply with the accessories and products of other manufacturers product, in addition to the instructions for use/suppoducts. Also you confirm to have read, underst	s when combining ervice manuals of t	them with an Ottobock the respective Ottobock

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.

# Avantgarde CLT

### Active wheelchair

Article number: 480F64=10000\_K



#### Standard equipment

- Aluminium tube frame with double cross brace
- Choice of frame offsets
- Single-panel aluminium leg support
- · Adaptable back upholstery
- Carbon or aluminium side panels
- Fixed leg support holders
- Different rear wheel position settings are possible
- Rear wheels with quick-release axles
- Knee lever wheel lock
- Calf strap

Folding, max. user weight 100 kg/220 lbs

Model												
			CLT, different settings are possible £1									£1570.00
MA 07			CLT, fi	x welded								£1780.00
Seat mea	surements	in cm	*									
Seat widt	h SW		32	□34	□36	□38	□40	☐ 42	□ 44	□46	□ 48	□50
Seat dept	th SD		36	□38	□40	☐ 42	□ 44	□46	□48	□50	□ 52	
Anterior	seat height	in cm	*									
□39 □48	□ 40 □ 49	=	]41 ]50	□ 42 □ 51	☐ 43 ☐ 52	□ 44 □ 53	□ 45 □ 54	□ 46 □ 55	□ 47			

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.

 $<sup>\</sup>ensuremath{^*}$  see wheelchair measurements on the next page

											C	aster	whee	els										
																6	Soft casters							
Anterior seat		4	."			5	5"			5.	.5"				ı. tyre ubbe					7"				
height												Fork I	ength	ı										
	sh	ort	lo	ng	sh	ort	lo	ng	sh	ort	lo	ng	sh	ort	lo	ng	sh	ort	lo	ng	sh	ort	lor	ng
	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F
39.0	Α				Α																			
40.0	Α				Α																			
41.0	Α	Α			Α																			
42.0		Α			Α																			
43.0		Α		Α		Α					Α													
44.0						Α									Α									
45.0	Α		Α					Α							Α								Α	
46.0								Α															Α	
47.0																							Α	
48.0		Α																		Α				
49.0		Α																						
50.0		Α	Α	Α			Α																	
51.0			Α	Α		Α	Α				Α				Α									
52.0			Α	Α			Α	Α			Α				Α									
53.0							Α	Α			Α				Α			Α					Α	
54.0											Α				Α								Α	
55.0																				Α			Α	

Caster axle:

S = threaded axle

F = Froglegs

A – An adapter is installed in order to achieve this anterior seat height

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!

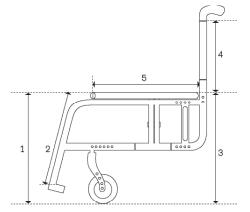
Specified without seat cushion at 0° seat inclination.

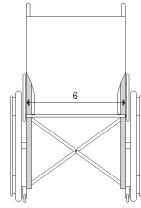
Horizontal position of the rear wheel attachment device: see sketch.

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

### 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 footplate (without seat cushion)
- 3 Posterior seat height (PSH)
  - = ground to top of seat upholstery
- 4 Back height (BH)
  - = top of seat tube (crossbrace) to top of back upholstery
- 5 Seat depth (SD)
  - = front of seat upholstery to back tube
- 6 Seat width (SW)
  - = outside edge of frame tube to outside edge of frame





\* This information will help to support user-oriented settings and product development. Ottobock guarantees the confidential and purely internal use of these data. A manufacturing tolerance of 10 mm applies to all measurements.



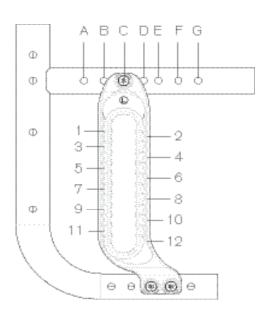
Front frame type			
MA 01	П	70°	Inclusive
MA 02		70°, 2 cm offset (from SW 34 cm)	Inclusive
MA 03		80°	Inclusive
MA 04		80°, 2 cm offset (from SW 34 cm)	Inclusive
MA 05		90°, without leg support	Inclusive
	617		
	or CLI	with different setting possibilities)	54.47.00
MA 50		Transport wheels	£147.00
MA 51		Tip-assist, right	£41.00
MA 52		Tip-assist, left	£41.00
MA 55		Anti-tipper, right	£86.00
MA 56		Anti-tipper, left	£86.00
MA 57		Crutch holder with tip-assist, right	£47.00
MA 58	Ш	Crutch holder with tip-assist, left	£47.00
Caster wheels	,	(dimensions in mm)	
MF 02		4" solid rubber, grey (100 × 32)	Inclusive
MF 21		4" luminous caster (100 × 24)	£41.00
MF 35		4" soft caster, aluminium $(100 \times 38)$	£112.00
MF 03		5" solid rubber, grey $(125 \times 32)$	Inclusive
MF 36		5" soft caster, aluminium $(125 \times 38)$	£112.00
MF 04		5.5" soft caster, grey $(140 \times 40)$	Inclusive
MF 05		6" pneumatic, grey $(150 \times 30)$	Inclusive
MF 06		6" solid rubber, grey $(155 \times 33)$	Inclusive
MF 37		6" soft caster, aluminium $(150 \times 38)$	£112.00
MF 07		7" pneumatic, grey (180 × 45) (long caster fork)	Inclusive
MF 08		7" solid rubber, grey $(175 \times 40)$ (long caster fork)	Inclusive
Caster fork			
MF 80		Caster fork, long	Inclusive
MF 81		Caster fork, short	Inclusive
Caster axle			
MF 90		Caster forks with threaded axles	Inclusive
MX 30		Froglegs, suspension caster forks	£288.00
Posterior seat heigh	t in cr	n	
□ 36 □ 37		]38	
44 45		46	
Rear wheel size			
MG 01		22"	Inclusive
MG 02		24"	Inclusive
MG 00		25"	Inclusive
Rear wheel camber Model with different Fix welded model:	t setti	ng possibilities: $\square$ 0° $\square$ 2° $\square$ 3° $\square$ 4° $\square$ 0° $\square$ 2.5°	

Seat height table
Posterior seat height in cm
(for CLT with different setting possibilities)

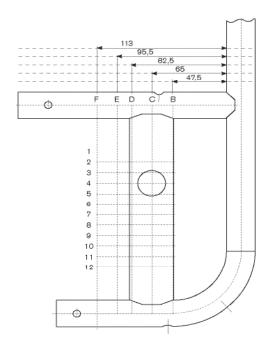
Rear wheel size	Setting range
22"	36 – 47
24"	38 – 49
25"	40 – 51

Seat height table Posterior seat height in cm (for fix welded CLT)

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



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



To be able to make use of the entire seat height range, a caster wheel adapter is installed at the factory, if necessary, according to the desired (anterior) seat height.

Note: All values are theoretically determined values at  $0^{\circ}$  seat inclination.

Horizontal rear wheel position							
A* B C D E F G*  *Positions A and G are only available on the CLT with different setting possibilities							
Rear wheel rim			22"	24"	25"		
MG 06		Hollow rims				Inclusive	
MG 10		Spinergy SPOX				£391.00	
MG 11		Spinergy LX				£571.00	
MG 15		Infinity Ultralight (not available in combination with PU tyres)	•	•		Inclusive	
Tyres			22"	24"	25"		
MG 31		Schwalbe RightRun, fine tread, 1"				Inclusive	
MG 32		Schwalbe HS 288, coarse tread, 1"				Inclusive	
MG 33		Schwalbe DownTown, asymmetrical tread, 1", black				Inclusive	
MG 37		Schwalbe Marathon Plus Evolution, 1", puncture-proof	•	•	•	£28.00	
Push rings			22"	24"	25"		
MG 50		Aluminium, black coated				Inclusive	
MG 52		Aluminium, silver anodised, high				£8.00	
MG 53		Aluminium, silver anodised, low		•		£8.00	
MG 54		Aluminium, rubber-coated				£89.00	
MG 56		Stainless steel, polished, high				£41.00	
MG 57		Stainless steel, polished, low				£40.00	
MG 58		Titanium, polished				£280.00	
MG 61		The Surge				£213.00	
MG 62		MaxGrepp Original				£243.00	
MG 63		Curve L (anodised)				£279.00	
MG 64		Curve L Grip				£302.00	
MX 27		Natural fit, regular grip (wide mounting position only)				£160.00	
Mounting							
MG 70		Narrow				Inclusive	
MG 71		Wide				Inclusive	
Wheelbase extension	n incl	uding wheel lock adapter					
MG 86		Version only for long wheelbase				£135.00	
MG 82		Version with second axle				£192.00	
MG 46		Without				Inclusive	
Quick-release axle sy	/stem						
MG 27		Quick-release axle				Inclusive	
MG 28		Quick-release axle with Tetra release				£94.00	
Rear wheel accessor	ies						
MG 84		Silicone push ring cover 24"				£57.00	
MG 87		High-pressure air pump, 14 bar				£113.00	
MG 88		Airman pump, battery-operated				£92.00	

### Seat height table

Posterior seat height in cm with wheelbase extension

Axle position	Rear wheel size								
Axie position	22"	24"	25"						
1	37	39	40						
2	40	42	42						
3	42	44	45						
4	46	46	48						
5	47	49	50						

### Seat height table

Posterior seat height in cm with shock absorber system

Axle position	Rear wheel size								
Axie position	22"	24"	25"						
1	40	42	43						
2	42	44	45						
3	44	46	47						
4	46	48	49						
5	48	50	51						

Shock absorber (for CLT with different setting possibilities)									
MG 97		Damping "soft" (up to 60 kg)	£280.00						
MG 98		mping "medium" (61 kg – 100 kg) £28							
Wheel locks	Wheel locks								
MH 01		Knee lever wheel lock, long lever	Inclusive						
MH 02		Knee lever wheel lock, short lever	Inclusive						
MH 05		OutFront scissor wheel lock	£223.00						
MH 13		Knee lever wheel lock, reinforced, long lever	£262.00						
MH 15		Knee lever wheel lock, reinforced, short lever	£262.00						
MH 21		Knee lever wheel lock, long lever, folding	Inclusive						
MH 22		Knee lever wheel lock, short lever, folding	Inclusive						
Wheel lock accessori	ies								
MH 10		Wheel lock lever extension for knee lever wheel lock	£20.00						
Back height in cm (se	ee wh	eelchair measurements on page 2)							
□ 25   □ 27.5		30 32.5 35 37.5 40 42.5 45 47.5 50							
Back system									
MD 01		Back tubes, height-adjustable, straight	Inclusive						
MD 09		Back tubes, height-adjustable, with lumbar curve – for BH 35 cm and up	Inclusive						
MD 10		Back angle-adjustable in 6° increments (-15° to +9°) for CLT with different setting possibilities for BH 30 cm and up	£185.00						
MD 12		Fixed welded back, angled at top of seat tube for welded CLT  0°	£75.00						
Back upholstery									
MD 05		High-frequency welded, adaptable using hook-and-loop straps	Inclusive						
MD 03		Sewn, adaptable using hook-and-loop straps	£44.00						
MD 06		Without	Inclusive						
MD 72		Adaptable, breathable with spacer fabric	£54.00						
Push handles for CLT	with	different setting possibilities							
MD 51		Long	Inclusive						
MD 50		Short	Inclusive						
MD 52		Telescoping, long	£107.00						
MD 53		Telescoping, short	£87.00						
MD 55		Height-adjustable/removable	£107.00						
MD 56		Fold-down (from BH 30 cm) (also available for fixed welded back)	£86.00						
MD 59		Without	Inclusive						



MA 55/56 Anti-tipper



MA 51/52 Tip-assist



MA 57/58 Crutch holder



MA 50 Transport wheels



MA 60 Frame pad



MB 03 Single-panel leg support



MB 06 Tube leg support



MB 08 Anti-skid footplate



MB 73 Adjustable lateral heel blocks



MC 15 Seat upholstery with storage compartments



MC 14 Adaptable upholstery



MD 56 Fold-down push handles



MD 52 Telescoping push handles



MD 55 Push handles, height-adjustable/ removable



MD 50 Fixed push handles

Side panels			
ME 01		Side panel, fixed, with protection against the cold*	Inclusive
ME 02		Clothing protector, fixed, with protection against the cold*	£55.00
ME 04		Clothing protector, fixed, carbon	Inclusive
ME 05		Side panel with armrest, short*1)	£236.00
ME 06		Side panel with armrest, long*1)	£236.00
ME 11		Plug-on side panel with armrest	£49.00
*Aluminium side panel  1) Restricts the lowest h		setting of the push handles when combined with height-adjustable, removable push handles (MD 55).	
Side panel accessori	es		
ME 50		Armrest, padded, height-adjustable, swing-away <sup>1)</sup> short long	£213.00
ME 60		Tray	£192.00
1) Restricts the lowest h	eight	setting of the push handles when combined with height-adjustable, removable push handles (MD 55).	
Seat upholstery			
MC 13		Nylon upholstery, two-piece	Inclusive
MC 14		Nylon upholstery, adaptable	£74.00
MC 15		Seat upholstery with storage compartments	£29.00
MC 06		Without	Inclusive
Seat cushions			
Seat cushions MC 01		Seat cushion, standard 3 cm 5 cm	£71.00
		Seat cushion, standard 3 cm 5 cm Cubic Foam seat cushion (thickness 5 cm)	£71.00 £76.00
MC 01			
MC 01 MC 02		Cubic Foam seat cushion (thickness 5 cm)	£76.00
MC 01 MC 02 MC 05		Cubic Foam seat cushion (thickness 5 cm)  Evolight seat cushion (thickness 6 cm)	£76.00 £143.00
MC 01 MC 02 MC 05 MC 09		Cubic Foam seat cushion (thickness 5 cm)  Evolight seat cushion (thickness 6 cm)  Contour Gel cushion (wedge shape)	£76.00 £143.00 £170.00
MC 01 MC 02 MC 05 MC 09 MC 20		Cubic Foam seat cushion (thickness 5 cm)  Evolight seat cushion (thickness 6 cm)  Contour Gel cushion (wedge shape)  Terra seat cushion (thickness 10 cm)	£76.00 £143.00 £170.00 £149.00
MC 01 MC 02 MC 05 MC 09 MC 20 MC 21		Cubic Foam seat cushion (thickness 5 cm)  Evolight seat cushion (thickness 6 cm)  Contour Gel cushion (wedge shape)  Terra seat cushion (thickness 10 cm)  Terra Aquos seat cushion (thickness 10 cm)	£76.00 £143.00 £170.00 £149.00 £168.00
MC 01 MC 02 MC 05 MC 09 MC 20 MC 21 MC 22		Cubic Foam seat cushion (thickness 5 cm)  Evolight seat cushion (thickness 6 cm)  Contour Gel cushion (wedge shape)  Terra seat cushion (thickness 10 cm)  Terra Aquos seat cushion (thickness 10 cm)  Terra Flair seat cushion (thickness 10 cm)	£76.00 £143.00 £170.00 £149.00 £168.00 £310.00
MC 01 MC 02 MC 05 MC 09 MC 20 MC 21 MC 22 MC 23		Cubic Foam seat cushion (thickness 5 cm)  Evolight seat cushion (thickness 6 cm)  Contour Gel cushion (wedge shape)  Terra seat cushion (thickness 10 cm)  Terra Aquos seat cushion (thickness 10 cm)  Terra Flair seat cushion (thickness 10 cm)  Cloud cushion (thickness 10 cm)	£76.00 £143.00 £170.00 £149.00 £168.00 £310.00 £416.00
MC 01 MC 02 MC 05 MC 09 MC 20 MC 21 MC 22 MC 23 MC 24 MC 25		Cubic Foam seat cushion (thickness 5 cm)  Evolight seat cushion (thickness 6 cm)  Contour Gel cushion (wedge shape)  Terra seat cushion (thickness 10 cm)  Terra Aquos seat cushion (thickness 10 cm)  Terra Flair seat cushion (thickness 10 cm)  Cloud cushion (thickness 10 cm)  Advantage cushion (thickness 10 cm)	£76.00 £143.00 £170.00 £149.00 £168.00 £310.00 £416.00
MC 01 MC 02 MC 05 MC 09 MC 20 MC 21 MC 22 MC 23 MC 24 MC 25  Lower leg length in 6		Cubic Foam seat cushion (thickness 5 cm)  Evolight seat cushion (thickness 6 cm)  Contour Gel cushion (wedge shape)  Terra seat cushion (thickness 10 cm)  Terra Aquos seat cushion (thickness 10 cm)  Terra Flair seat cushion (thickness 10 cm)  Cloud cushion (thickness 10 cm)  Advantage cushion (thickness 10 cm)  Z-Flo cushion (thickness 7 cm)	£76.00 £143.00 £170.00 £149.00 £168.00 £310.00 £416.00
MC 01 MC 02 MC 05 MC 09 MC 20 MC 21 MC 22 MC 23 MC 24 MC 25  Lower leg length in 6	cm (w	Cubic Foam seat cushion (thickness 5 cm)  Evolight seat cushion (thickness 6 cm)  Contour Gel cushion (wedge shape)  Terra seat cushion (thickness 10 cm)  Terra Aquos seat cushion (thickness 10 cm)  Terra Flair seat cushion (thickness 10 cm)  Cloud cushion (thickness 10 cm)  Advantage cushion (thickness 10 cm)  Z-Flo cushion (thickness 7 cm)	£76.00 £143.00 £170.00 £149.00 £168.00 £310.00 £416.00
MC 01 MC 02 MC 05 MC 09 MC 20 MC 21 MC 22 MC 23 MC 24 MC 25  Lower leg length in a Lower leg length (LL	cm (w	Cubic Foam seat cushion (thickness 5 cm)  Evolight seat cushion (thickness 6 cm)  Contour Gel cushion (wedge shape)  Terra seat cushion (thickness 10 cm)  Terra Aquos seat cushion (thickness 10 cm)  Terra Flair seat cushion (thickness 10 cm)  Cloud cushion (thickness 10 cm)  Advantage cushion (thickness 10 cm)  Z-Flo cushion (thickness 7 cm)	£76.00 £143.00 £170.00 £149.00 £168.00 £310.00 £416.00
MC 01 MC 02 MC 05 MC 09 MC 20 MC 21 MC 22 MC 23 MC 24 MC 25  Lower leg length in a Lower leg length (LL	Ccm (w	Cubic Foam seat cushion (thickness 5 cm)  Evolight seat cushion (thickness 6 cm)  Contour Gel cushion (wedge shape)  Terra seat cushion (thickness 10 cm)  Terra Aquos seat cushion (thickness 10 cm)  Terra Flair seat cushion (thickness 10 cm)  Cloud cushion (thickness 10 cm)  Advantage cushion (thickness 10 cm)  Z-Flo cushion (thickness 7 cm)  vithout seat cushion) (see wheelchair measurements on page 2)  m	£76.00 £143.00 £170.00 £149.00 £168.00 £310.00 £416.00 £403.00



ME 02 Clothing protector



ME 01 Standard side panels



ME 06 Side panels with armrest



ME 50 Padded armrests



MX 30 Froglegs suspension fork



MH 01 Knee lever wheel lock, folding



MH 10 Wheel lock lever extension



MG 28 Tetra release



MG 86 Wheelbase extension



MG 97–99 Shock absorber



Fixed welded version

Leg supports			
MB 01		Single-panel leg support, angle-adjustable, 12.5 cm deep (for LL 32 cm and up)	Inclusive
MB 07		Single-panel leg support, angle-adjustable, 12.5 cm deep, anti-slip (for LL 32 cm and up)	£35.00
MB 03		Single-panel leg support, angle-adjustable, 16 cm deep (for LL 32 cm and up)	£41.00
MB 08		Single-panel leg support, angle-adjustable, 16 cm deep, anti-slip (for LL 32 cm and up)	£65.00
MB 06		Leg support, angle-adjustable (for lower leg lengths from 32 cm)	£45.00
MB 20		Single-panel leg support for short lower leg length (16 – 31 cm)	£93.00
MB 99		Without	Inclusive
Leg support acce	essories		
MB 70		Locking device for single-panel leg support	£67.00
MB 73		Adjustable lateral heel blocks	£47.00
MB 74		Plastic plate for tube leg support	£48.00
Other accessorie	s		
MZ 51		Lap belt with metal buckle	£52.00
MZ 52		Tool kit	£32.00
MZ 59		Pocket for mobile phone	£16.00
Please also use the	order forr	ms for wheelchair accessories 647F312 and 647F346.	
Spoke protectors	S		
MG 90		Spoke protector, transparent	£96.00
MG 100		Spoke protector, Graphic decor	£165.00
MG 101		Spoke protector, Miracle decor	£165.00
MG 102		Spoke protector, Network decor	£165.00
MG 103		Spoke protector, Robots decor	£165.00
MG 104	П	Spoke protector, Spectrum decor	£165.00



MF 02 4" solid rubber caster



MF 21 4" luminous caster



MF 35 4" soft caster



MF 03 5" solid rubber caster



MF 36 5" soft caster



MF 04 5.5" soft caster



MF 06 6" solid rubber caster



MF 05 6" pneumatic caster



MF 37 6" soft caster



MF 08 7" solid rubber caster



MF 07 7" pneumatic caster



MG 10 Spinergy SPOX



MG 06 Hollow rim



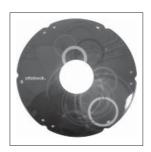
MG 15 Infinity Ultralight



MG 11 Spinergy LX



MG 100 Graphic



MG 101 Miracle



MG 102 Network



MG 103 Robots



MG 104 Spectrum

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
013		Jet black RAL 9005 matte	Inclusive
014		Candy red	Inclusive
021		Sparkle granny smith	Inclusive
023		White RAL 9016	Inclusive
027		Shimano matte	Inclusive
032		Pure metal blue	£308.00
033		Pure metal green	£308.00
034		Pure metal bronze	£308.00
035		Pure metal red	£308.00
Special accessories			
MA 60		Frame pad  long  short	£41.00
MZ 40		Track adjustment tool	£24.00
MZ 58		Bag for rear wheels	£79.00
MZ 65		User-activated lighting	£24.00
MZ 89		Protection for quick-release-axle	£4.00
MZ 93		Wheelchair backpack	£36.00
MZ 92		Wheel blades (mini-skier for caster wheels)	£320.00
Special accessories			
24817.001		Special colour two-layer coating	POA
24817.000		Special colour single-layer coating	POA
40244.000		Fold-down push handles for BH 25 cm, 27.5 cm	POA

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