# 2019/20

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Base price: £2160	Order no.:	
Provide estimate only	Order	
Attachment for custom fabri	ication enclose	ed
Billing address/customer number		
Delivery address		
Sales person	Name  Date Sig	gnature
By placing the order, you agree to comp nuals for accessories and products of otl with an Ottobock product, in addition to of the respective Ottobock products. Als and accepted, our general terms and co	her manufacturers the instructions f so you confirm to h	when combining them for use/service manuals nave read, understood

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/

## Avantgarde XXL2

### Active wheelchair

Article number 480F45=50000\_K



#### Standard equipment

- Aluminium tube frame with double crossbrace
- Choice of frame offsets
- Single-panel aluminium leg support
- Back support with different height setting options, adaptable upholstery
- Aluminium side panels
- Swing-away leg support holders
- Modular design
- Reinforced hollow rims
- Knee lever wheel lock

Folding, max. user weight 180 kg/397 lbs

Seat measurements in	n cm*									
Seat width SW		46	48	50	52	54	56	58	60	62
Seat depth SD		40	42	44	46	48	50	52	54	56
Seat height measurements in cm*										
Anterior seat height	44	☐ 45 ☐ 53	46	47	48	49	50	51	52	
Posterior seat height	41	☐ 42 ☐ 48	☐ 43 ☐ 49	☐ 44 ☐ 50	☐ 45 ☐ 51	☐ 47 ☐ 52	53			

\* see information on the next page

service manuals.

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

#### Wheelchair measurements\*

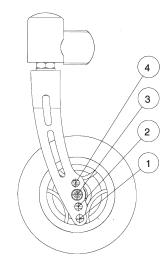
- 1 Anterior seat height (ASH) = ground to top of seat upholstery
- 2 Lower leg length (LL) = top of seat upholstery to top of foot plate (without seat cushion)
- 3 Posterior seat height (PSH) = ground to top of seat upholstery
- 4 Back support height (BH)
- = top of seat tube (crossbrace) to top of 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

\* 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.

Anterior seat height							
Caster fork, short							
Position		Adjustment range in cm					
Caster wheel diameter	5"	44 – 46					
	5.5"	46 – 47					
	6"	46 – 47					
	7"	-					
	8"	_					
	Caster for	r, long					
Position		Adjustment range in cm					
Caster wheel diameter	5"	46 – 49					
	5.5"	47 – 50					
	6"	47 – 51					
	7"	48 – 52					
	8"	51 – 53					

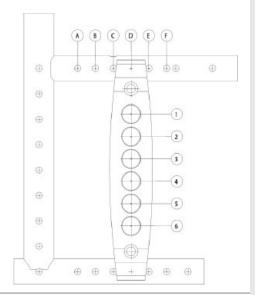


The values indicated are rounded values which have been theoretically determined. Max. deviation of 1 cm. The anterior seat height depends on the selected wheel size, caster fork and mounting position. Please refer to the seat height table!

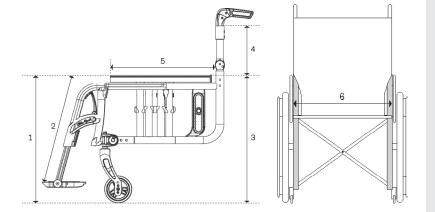
Specified without seat cushion at 0° seat inclination.

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!

Posterior seat height in cm							
	Drive wheel size						
Mounting positions	24"	26"					
1	41	42					
2	43	44					
3	45	47					
4	48	49					
5	50	51					
6	52	53					



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Front frame type					
MA 01		Standard			Inclusive
MA 02		Offset 2 cm (over leg support holder)			Inclusive
Frame accessories	-				
MA 50		Transport wheels*			£152.00
MA 51		Tip-assist, right			£43.00
MA 52		Tip-assist, left			£43.00
MA 55		Anti-tipper, right			£89.00
MA 56		Anti-tipper, left			£89.00
MA 57		Crutch holder with tip-assist, right			£43.00
MA 58		Crutch holder with tip-assist, left			£43.00
* The selection of trans	sport v	vheels excludes the anti-tipper option and vice versa.			
Caster wheels					
MF 36		5" soft caster, aluminium (maximum load capacity 160 kg)			£116.00
MF 04		5.5" soft			Inclusive
MF 37		6" soft caster, aluminium (maximum load capacity 160 kg)			£116.00
MF 14		7" solid rubber, wide (requires long caster fork)			Inclusive
MF 09		8" pneumatic (requires long caster fork)			Inclusive
Fork length					
MF 80		Caster fork, long			Inclusive
MF 81		Caster fork, short			Inclusive
Caster axle		- -			
MF 90		Caster forks with threaded axles			Inclusive
Drive wheel size		1			
MG 02		24"			Inclusive
MG 03		26"			Inclusive
Llorizontal driva wh					
Horizontal drive whe					
□ A □ B					
Drive wheel rim	1		24"	26"	
MG 06		Hollow rim	•	•	Inclusive
MG 80		Drive wheel with drum brake/attendant	•		£484.00
Tyres			24"	26"	
MG 30		White sidewall tyre, 1 3/8"	•		Inclusive
MG 35		PU, 1 3/8"	•	•	Inclusive
Handrims			24"	26"	
MG 50		Aluminium, black coated, high	•	•	Inclusive
MG 52		Aluminium, silver anodised, high	•		Inclusive
MG 53		Aluminium, silver anodised, low	•		Inclusive
MG 54		Rubber-coated, high	•		£92.00
MG 56		Stainless steel, polished, high	•		£43.00
MG 57		Stainless steel, polished, low	•		£43.00

#### Information



MA 01 Standard front frame



MF 80 Caster fork, long



MD 10 Back support with different angle setting options



MA 02 Offset front frame



MG 02 24" hollow rim



MD 58 Stabiliser bar



ME 06 Side panel with arm support



MB 10 Individual leg supports



MG 100 Graphic



MG 101 Miracle



MG 102 Network



MG 103 Robots



MG 104 Spectrum

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MG 61		The Surge	•		£220.00
MG 63		Curve L	•		£288.00
MG 64		Curve L Grip	•		£312.00
MG 69		Without			Inclusive
Handrim mounting					
MG 70		Narrow			Inclusive
MG 71		Wide			Inclusive
Drive wheel accesso	ries				
MG 84		Silicone handrim cover 24"			£59.00
MG 87		High-pressure air pump, 14 bar			£117.00
MG 88		Airman pump, battery-operated			£95.00
Wheel locks					
MH 01		Knee lever wheel lock, standard			Inclusive
MH 02		Knee lever wheel lock, standard, short			£25.00
MH 06		Knee lever wheel lock for user and attendant			£302.00
MH 08		Knee lever wheel lock for one-handed operation, operating side right*			£135.00
MH 09		Knee lever wheel lock for one-handed operation, operating side left*			£135.00
*Including wheel lock l	ever e	xtension on the operating side			
Wheel lock accessor	ies				
MH 10		Plug-on wheel lock lever extension			£21.00
Back support height	in cn	n (see information on page 2)			
25 27.5		30 32.5 35 37.5 40 42.5 45	5 [	47.5 50	
		30 32.5 35 37.5 40 42.5 45 Adjustment range in cm	5 [	47.5 50	
25 27.5		Adjustment range in cm	5 [ ]40-50		Inclusive
25   27.5   Back support system		Adjustment range in cm      Back support, straight*    25–35    30–40    35–45			Inclusive £191.00
25   27.5     Back support system     MD 01		Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []       []	]40-50		
2527.5Back support systemMD 01MD 10	n D D ng opt	Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []       []	]40-50		
25   27.5     Back support system     MD 01     MD 10     * Different height setting	n D D ng opt	Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []       []	]40-50		
25       27.5         Back support system         MD 01         MD 10         * Different height settin         Back support uphols	n D D ng opt	Adjustment range in cm Back support, straight <sup>*</sup> 25–35 30–40 35–45 Back support with different angle setting options 30–40 ions, adaptable	]40-50		£191.00
25       27.5         Back support system         MD 01         MD 10         * Different height settin         Back support uphols         MD 04	n D D ng opt	Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []         ions, adaptable	]40-50		£191.00 Inclusive
25       27.5         Back support system         MD 01         MD 10         * Different height settin         Back support uphols         MD 04         MD 05         MD 06	stery	Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []         ions, adaptable	]40-50		£191.00 Inclusive Inclusive
25       27.5         Back support system         MD 01         MD 10         * Different height settin         Back support uphols         MD 04         MD 05         MD 06	stery	Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []         ions, adaptable	]40-50		£191.00 Inclusive Inclusive
2527.5Back support systemMD 01MD 10* Different height settingBack support upholsMD 04MD 05MD 06Back support uphols	stery	Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []       []         ions, adaptable	]40-50		£191.00 Inclusive Inclusive Inclusive
25       27.5         Back support system         MD 01         MD 10         * Different height settin         Back support uphols         MD 05         MD 06         Back support uphols         MD 70	stery	Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []       []         ions, adaptable	]40-50		£191.00 Inclusive Inclusive Inclusive £30.00
2527.5Back support systemMD 01MD 10* Different height settinBack support upholsMD 04MD 05MD 06Back support upholsMD 70MD 71	stery	Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []       []         ions, adaptable	]40-50		£191.00 Inclusive Inclusive Inclusive £30.00
2527.5Back support systemMD 01MD 10* Different height settinBack support upholsMD 04MD 05MD 06Back support upholsMD 70MD 71Back support uphols	stery	Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []       []         ions, adaptable	]40-50		£191.00 Inclusive Inclusive £30.00 Inclusive
2527.5Back support systemMD 01MD 10* Different height settinBack support upholsMD 04MD 05MD 06Back support upholsMD 70MD 71Back support upholsMD 72	stery	Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []       []         ions, adaptable	]40-50		£191.00 Inclusive Inclusive £30.00 Inclusive £56.00
2527.5Back support systemMD 01MD 10* Different height settinBack support upholsMD 04MD 05MD 06Back support upholsMD 70MD 71Back support upholsMD 72MD 73	stery	Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []       []         ions, adaptable	]40-50		£191.00 Inclusive Inclusive £30.00 Inclusive £56.00
2527.5Back support systemMD 01MD 10* Different height settinBack support upholsMD 04MD 05MD 06Back support upholsMD 70MD 71Back support upholsMD 72MD 73Push handles	stery	Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []       []         ions, adaptable	]40-50		£191.00 Inclusive Inclusive £30.00 Inclusive £56.00 Inclusive
2527.5Back support systemMD 01MD 10* Different height settinBack support upholsMD 04MD 05MD 06Back support upholsMD 70MD 71Back support upholsMD 72MD 73Push handlesMD 50	stery	Adjustment range in cm   Back support, straight*   25-35   30-40   35-45   Back support with different angle setting options   30-40   ions, adaptable   Standard (only defined, fixed back support heights possible) Adaptable Without With zippered pocket Yes No No Short	]40-50		£191.00 Inclusive Inclusive factorial factoria
2527.5Back support systemMD 01MD 10* Different height settinBack support upholsMD 04MD 05MD 06Back support upholsMD 70MD 71Back support upholsMD 72MD 73Push handlesMD 51		Adjustment range in cm         Back support, straight*       25-35       30-40       35-45       []         Back support with different angle setting options       30-40       []       []         ions, adaptable       30-40       []       []         Standard (only defined, fixed back support heights possible)       Adaptable         Without       []       []       []         with zippered pocket       []       []         Yes       []       []       []         No       []       []       []         Short       []       []       []         Long       []       []       []       []	]40-50		£191.00 Inclusive Inclusive Inclusive £30.00 Inclusive Inclusive Inclusive Inclusive

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Back support access	ories					
MD 21		Padding for push handles (not for MD 55)	£38.00			
MD 58		Stabiliser bar for MD 51, MD 52 or MD 55	£92.00			
Side panels						
ME 01		Adjustable, with protection against the cold <sup>1)</sup>	Inclusive			
ME 02		Clothing guard, adjustable, with protection against the cold <sup>1)</sup>	£57.00			
ME 05		Side panel with arm support, short, height-adjustable, removable <sup>2)</sup>	£244.00			
ME 06		Side panel with arm support, long, height-adjustable, removable <sup>2)</sup>	£244.00			
ME 07		Side panel with asymmetrical arm support, height-adjustable, removable	£331.00			
<sup>1)</sup> Aluminium side pane <sup>2)</sup> Restricts the lowest h		setting of the push handles when combined with height-adjustable, removable push handles (MD 55).				
Seat upholstery						
MC 13		Upholstery, standard	Inclusive			
MC 15		Seat upholstery with storage compartments	£30.00			
MC 06		Without	Inclusive			
Seat cushion						
MC 01		Standard seat cushion 3 cm 5 cm	£74.00			
MC 05		Evolight seat cushion (seat cushion thickness 6 cm, up to 125 kg/ 275 lbs)	£208.00			
MC 20		Terra seat cushion (seat cushion thickness 10 cm, up to 150 kg/330 lbs)	£154.00			
MC 21		Terra Aquos seat cushion (seat cushion thickness 10 cm, up to 150 kg/330 lbs)	£174.00			
MC 22		Terra Flair seat cushion (seat cushion thickness 10 cm, up to 150 kg/330 lbs)	£320.00			
MC 23		Cloud seat cushion (seat cushion thickness 10 cm)	£429.00			
Lower leg length in	cm (w	vithout seat cushion) (see information on page 2)				
Lower leg length (LL	.) in cr	navailable adjustment range 32 – 49 cm)				
Leg support bar opt	ions					
MB 40		Short (LL 31 – 40 cm)	Inclusive			
MB 41		Medium (LL 36 – 45 cm)	Inclusive			
MB 42		Long (LL 41 – 50 cm)	Inclusive			
MB 43		Extra long (LL 46 – 55 cm)	Inclusive			
Leg supports						
MB 01		Single-panel leg support, angle-adjustable, foot plate 12.5 cm deep	£51.00			
MB 03		Single-panel leg support, angle-adjustable, foot plate 16 cm deep	Inclusive			
MB 10		Individual leg supports, angle-adjustable, foot plates 16 cm deep	£147.00			
MB 80		Without	Inclusive			
Leg support accesso	ories					
MB 70		Locking device for single-panel leg support (prevents inadvertent flipping-up)	£70.00			
MB 72		Heel strap for individual leg supports	£16.00			
MB 73		Adjustable lateral heel blocks	£49.00			
Other accessories						
MZ 51		Lap belt with metal buckle (extra long)	£54.00			
MZ 52		Tool kit	£33.00			
Please also use the order form for wheelchair accessories 647F661.						

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Head support			
MZ 61		Installation kit for head support, horizontal	£143.00
MZ 62		Installation kit for head support, horizontal and vertical	£246.00
MZ 63		Head support complete incl. installation kit for head support, horizontal and vertical	£283.00
Spoke protector			
MG 90		Spoke protector, transparent	£99.00
MG 100		Spoke protector, Graphic decor	£158.00
MG 101		Spoke protector, Miracle decor	£158.00
MG 102		Spoke protector, Network decor	£158.00
MG 103		Spoke protector, Robots decor	£158.00
MG 104		Spoke protector, Spectrum decor	£158.00
Frame colours			
001		Brilliant silver	Inclusive
002		Anthracite metallic	Inclusive
003		Jet black RAL 9005	Inclusive
004		lce 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	£318.00
033		Pure metal green	£318.00
034		Pure metal bronze	£318.00
035		Pure metal red	£318.00
Upholstery colou	rs		
901		Black	Inclusive
902		Blue	Inclusive
Special accessorie	es		
MZ 58		Bag for drive wheels	£82.00
MZ 59		Pocket for mobile phone	£23.00
MZ 89		Protection for quick-release-axle	£5.00
MZ 93		Backpack	£38.00
Special options			
24817.000		Special colour single-layer coating	POA
24817.001		Special colour two-layer coating	POA