2022/23

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Base Price - £1936.00	Order no.:
Valid from 01.04.22 to 31.03.23 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 ..... Date Signature

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.

Avantgarde 4 DS

Active wheelchair

Article number: 480F160=0_AA02_C



Standard equipment

- Aluminium tube frame with 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

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

Front frame type			
MA 01	☐	DS 70°	Inclusive
MA 03	☐	DS 80°	Inclusive

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.

Otto Bock Mobility Solutions Plc - 32 Parsonage Road, Englefield Green, Egham, Surrey, TW20 0LD - Tel 01784 744900 - Email bockuk@ottobock.com - Web www.ottobock.com/en-uk

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Information

Anterior seat height in cm	3"	4"	5"	5.5"	6"
38.0	X				
39.0	X				
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.
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

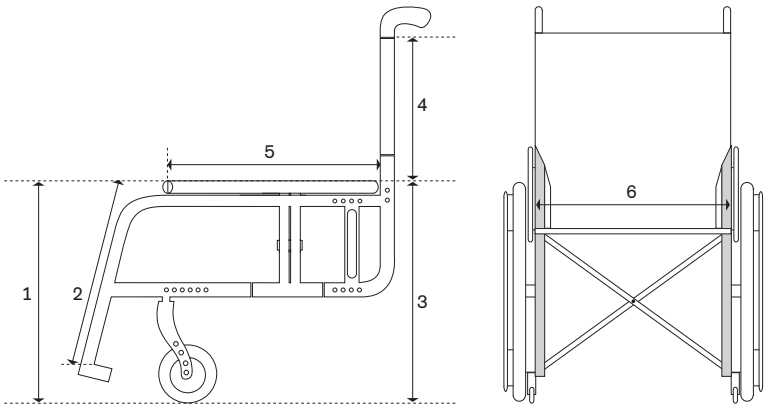
2 Lower leg length (LL)
= top of seat upholstery to top of foot plate (without seat cushion)

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 (for using in wheelchair accessible vehicles according DIN ISO 7176-19)	£1936.00
MA 111	☐	CLT version (incl. MA 114, MA 100, MG 15, MG 200, MH 05, ME 04)	£3047.00
MA 112	☐	CLT version, Ultra (incl. MA 114, MA 100, MG 15, MG 200, MH 05, MD 18, ME 04, MC 18)	£3123.00

Design of drive wheel adapter			
MA 113	☐	With different setting options	Inclusive
MA 114	☐	Permanently welded	£253.00

Cross brace			
MA 100	☐	Single, CLT (max. load capacity 100 kg, up to SW 42)	£107.00
MA 101	☐	Double (for using in wheelchair accessible vehicles according DIN ISO 7176-19)	Inclusive

Type of wheelchair (reduced ground clearance in delivery condition for hemiplegia fittings)*			
	☐	Standard	Inclusive
MB 50	☐	Foot-propelled wheelchair	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 in cm								
☐ 38	☐ 39	☐ 40	☐ 41	☐ 42	☐ 43	☐ 44	☐ 45	☐ 46
☐ 47	☐ 48	☐ 49	☐ 50	☐ 51	☐ 52	☐ 53	☐ 54	

Frame accessories				
MA 50	☐	Transport wheels, pair	+ 800 g	£137.00
MA 51	☐	Tip-assist, right	+ 243 g	£52.00
MA 52	☐	Tip-assist, left	+ 243 g	£52.00
MA 55	☐	Anti-tipper, right	+ 634 g	£106.00
MA 56	☐	Anti-tipper, left	+ 634 g	£106.00
MA 57	☐	Crutch holder with tip-assist, right	+ 303 g	£75.00
MA 58	☐	Crutch holder with tip-assist, left	+ 303 g	£75.00
MA 60	☐	Frame pads long	+ 70 g	£65.00
MA 60	☐	Frame pads short	+ 70 g	£65.00

Caster wheels			
MF 01	☐	3" skater role	Inclusive
MF 30	☐	4" solid rubber, black	Inclusive
MF 35	☐	4" soft caster, aluminium	£139.00
MF 31	☐	5" solid rubber, black	Inclusive
MF 36	☐	5" soft caster, aluminium	£139.00
MF 04	☐	5.5" soft caster, grey	Inclusive
MF 05	☐	6" pneumatic, grey	Inclusive
MF 32	☐	6" solid rubber, black	Inclusive
MF 37	☐	6" soft caster, aluminium	£139.00

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 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

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Caster axle			
MF 90	☒	Caster forks with threaded axles	Inclusive

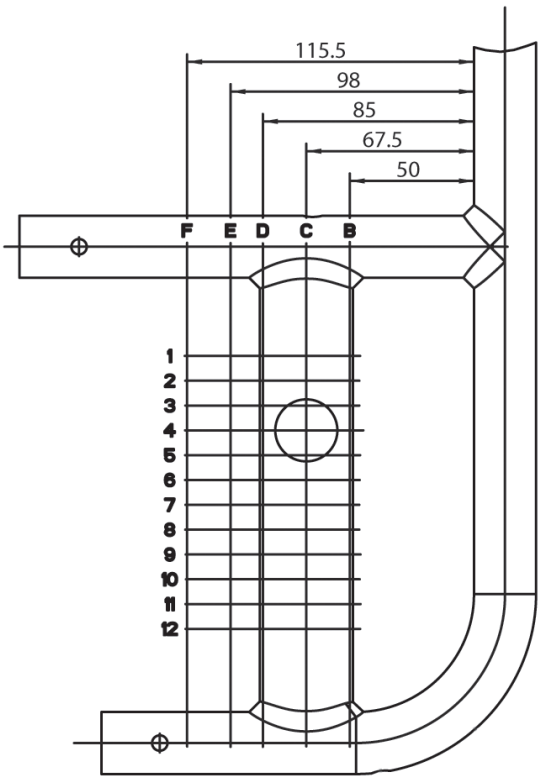
Posterior seat height in cm							
☐ 36	☐ 37	☐ 38	☐ 39	☐ 40	☐ 41	☐ 42	☐ 43
☐ 44	☐ 45	☐ 46	☐ 47	☐ 48	☐ 49	☐ 50	☐ 51

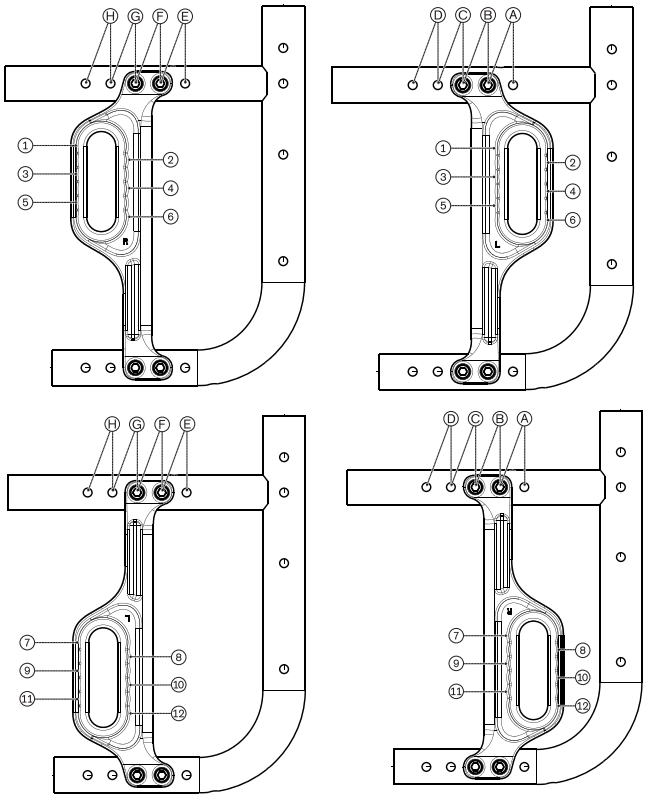
Drive wheel size			
MG 01	☐	22"	Inclusive
MG 02	☐	24"	Inclusive
MG 00	☐	25"	Inclusive
SBK 13335.000	☐	26"	POA
Drive wheel camber	☐ 0 °	☐ 2 °	☐ 3 ° ☐ 4 °

Horizontal drive wheel position (for frame version adjustable)							
☐ A	☐ B	☐ C	☐ D	☐ E	☐ F	☐ G	☐ H

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		•		£709.00
MG 11	☐	Spinergy LX	- 400 g		•		£733.00
MG 12	☐	Spinergy LXL Blade, black spokes	- 660 g		•		£829.00
MG 12	☐	Spinergy LXL Blade, white spokes	- 660 g		•		£829.00
MG 15	☐	Infinity Ultralight (not possible in combination with MG 34)	- 720 g	•	•	•	£100.00
MG 150	☐	Infinity Ultralight, coloured (not possible in comb. with MG 34)	- 720 g		•		£172.00
		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	•	•		£365.00
MG 83	☐	One-arm drive with double handrim left	+ 3022 g		•		£774.00
MG 83	☐	One-arm drive with double handrim right	+ 3022 g		•		£775.00
* not possible in combintaion with camber							

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)	- 198 g		•		Inclusive
MG 37	☐	Schwalbe Marathon Plus Evolution 1"	- 168 g	•	•	•	£52.00
MG 371	☐	Schwalbe Marathon Plus Evolution 1.1"	- 163 g		•		£61.00
MG 200	☐	Schwalbe ONE 1"	- 768 g		•		£95.00

Handrims				22"	24"	25"	
MG 50	☐	Aluminium, black coated		•	•	•	Inclusive
MG 52	☐	Aluminium, silver anodised, high	- 40 g	•	•	•	£29.00
MG 53	☐	Aluminium, silver anodised, low	- 120 g	•	•		£29.00
MG 54	☐	rubber-coated	+ 500 g	•	•	•	£139.00
MG 56	☐	Stainless steel, polished, high	+ 620 g	•	•	•	£53.00
MG 57	☐	Stainless steel, polished, low	+ 580 g	•	•		£53.00
MG 63	☐	Curve L (anodised)	+ 200 g		•	•	£355.00
MG 64	☐	Curve L Grip for users with limited gripping function	+ 840 g		•	•	£385.00
MG 65	☐	GEKKO, ergonomic handrim	+580 g		•	•	£250.00

Handrim mounting			
MG 70	☐	Mounting position narrow (15 mm)	Inclusive
MG 71	☐	Mounting position wide (25 mm)	Inclusive

Wheelbase extension including wheel lock adapter			
MG 86	☐	Extra long	£215.00
MG 82	☐	Extra long with second fitting	£230.00
MG 46	☐	Without	Inclusive

Quick-release axle system				
MG 27	☐	Quick-release axle		Inclusive
MG 28	☐	Quick-release axle with Tetra release	+ 158 g	£140.00

Drive wheel accessories			
MG 87	☐	High-pressure air pump, 14 bar	£104.00
MG 88	☐	Airman pump	£161.00

Shock absorber			
MG 97	☐	Damping "soft" (up to 60 kg)	£384.00
MG 98	☐	Damping "medium" (61 kg – 100 kg)	£384.00
MG 99	☐	Damping "hard" (101 kg – 140 kg)	£384.00

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	£168.00
MH 06	☐	Knee lever wheel lock for user and attendant	+ 470 g	£281.00
MH 08	☐	Knee lever wheel lock for one-handed operation, right	+ 180 g	£363.00
MH 09	☐	Knee lever wheel lock for one-handed operation, left	+ 180 g	£363.00

Wheel lock accessories			
MH 10	☐	Wheel lock lever extension, fixed	£35.00
MH 21	☐	Wheel lock lever extension, pluggable	£89.00

Back support height 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 52,5 – 55 cm	Inclusive
MD 09	☐	Back support, height-adjustable, with lumbar curve ☐ RH 35 – 40 cm ☐ RH 40 – 45 cm ☐ RH 45 – 50 cm ☐ RH 50 – 55 cm	Inclusive
MD 10	☐	Back support, angle-adjustable in 6° increments (-15 to +9°) + 426 g ☐ RH 30 – 40 cm ☐ RH 35 – 45 cm ☐ RH 40 – 50 cm	£220.00
MD 12	☐	Firmly welded back support ☐ 0° ☐ -5° ☐ -10° ☐ -15°	£95.00

Back support upholstery			
MD 03	☐	Adaptable, padded	£49.00
MD 05	☐	Adaptable, breathable	Inclusive
MD 18	☐	Ultra light	£42.00
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 44	☐	Baxx aluminium back support, enclosed	£588.00

Push handles				
MD 50	☐	Short		Inclusive
MD 51	☐	Long	+ 128 g	Inclusive
MD 52	☐	Telescoping, long	+ 178 g	£150.00
MD 55	☐	Height-adjustable/removable	+ 530 g	£178.00
MD 56	☐	Fold-down (max. load capacity 125 kg/275 lbs)	+ 108 g	£126.00
MD 59	☐	Without	- 258 g	Inclusive

Back support asseccories			
MD 58	☐	Stabiliser bar	£154.00

Side panels				
ME 01	☐	With protection against the cold		Inclusive
ME 02	☐	With splash guard and protection against the cold	+ 186 g	£51.00
ME 04	☐	Carbon, with splash guard	- 126 g	£569.00
ME 05	☐	Desk side panel with arm support, short	+ 352 g	£298.00
ME 06	☐	Desk side panel with arm support, long	+ 536 g	£298.00
SBK 24811.010	☐	Side panel with arm support, pluggable (not in combination with single cross brace CLT (MA 100))		POA

Side panel accessories			
ME 50	☐	Arm support padded, swing away (not possible in combin. with desk side panel) ☐ short ☐ long ☐ long, extra hight	£327.00
ME 60	☐	Tray	£216.00
ME 66	☐	Tray, half side ☐ left ☐ right	£224.00
ME 61	☐	Swivel unit for channel forearm pads, right *	£145.00
ME 62	☐	Swivel unit for channel forearm pads, left *	£145.00
*: replaces the existing arm support			

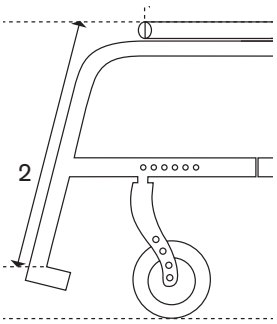
Channel forearm pad			
ME 70	☐	Channel forearm pad, one-piece, left	£62.00
ME 71	☐	Channel forearm pad, one-piece, right	£62.00

Seat upholstery			
MC 15	☐	Seat upholstery with storage compartment	£39.00
MC 16	☐	Upholstery readjustable	Inclusive
MC 18	☐	Ultra light	£42.00
MC 06	☐	Without	Inclusive

Seat cushions			
MC 01	☐	Seat cushion, standard (cushion thickness 5 cm)	£85.00
MC 02	☐	Cubic Foam seat cushion (cushion thickness 5 cm)	£123.00
MC 05	☐	Evolight seat cushion (cushion thickness 6 cm)	£175.00
MC 20	☐	Terra seat cushion (cushion thickness 10 cm)	£164.00
MC 21	☐	Terra Aquos seat cushion (cushion thickness 10 cm)	£197.00
MC 22	☐	Terra Flair seat cushion (cushion thickness 10 cm)	£494.00
MC 23	☐	Cloud seat cushion (cushion thickness 10 cm)	£483.00
MC 29	☐	Livo (cushion thickness 5 cm)	£71.00
MC 30	☐	Evoflair (cushion thickness 8 cm)	£256.00

Material	Aluminium (serrated, MB 160) Inclusive	Accessories
Leg support		
Single-panel (MB 000) Inclusive	☐ Standard (MB 100) Inclusive	☐ With lock (MB 70) £64.00
	☐ For short LL (MB 150) £157.00	–
Individual	☐ Standard 16 cm (MB 010) Inclusive	–
Tube foot support	☐ Standard (MB 120) £103.00	☐ Plastic footplate (MB 74) £46.00
☐ Without (MB 80) Inclusive	–	

Lower leg length in cm (without seat cushion)
Lower leg length (LL) in cm ..... (available setting range 16 cm – 55 cm)



Design of foot support bar (only in combination with leg support or tube foot support single-panel)			
MB 200	☐	Standard	Inclusive
MB 201	☐	Swing away, left	£54.00
MB 202	☐	Swing away, right	£54.00

Choice of foot support bar (without seat cushion)			
MB 40	☐	Short (30 – 41 cm)	Inclusive
MB 41	☐	Medium (41 – 51 cm)	Inclusive
MB 42	☐	Long (> 47 cm)	Inclusive

Other accessories			
MZ 51	☐	Lap belt with metal buckle	£71.00
MZ 59	☐	Pocket for mobile phone	£29.00

Spoke protectors			
MG 90	☐	Transparent	£134.00
MG 100	☐	Graphic decor	£196.00
MG 101	☐	Miracle decor	£196.00
MG 102	☐	Network decor	£196.00
MG 103	☐	Robots decor	£196.00
MG 104	☐	Spectrum decor	£196.00

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	£384.00
033	☐	Pure metal green	£384.00
034	☐	Pure metal bronze	£384.00
035	☐	Pure metal red	£384.00
048	☐	Jet black matte (structure)	Inclusive
SBK 24817.000	☐	Special colour to customer requirements _____	POA

Special accessories			
MZ 52	☐	Tool kit	£55.00
MZ 58	☐	Bag for drive wheels (for 2 drive wheels up to 28“)	£101.00
MZ 65	☐	Active lighting	£29.00
MZ 89	☐	Protection for quick-release-axle	£8.00
MZ 92	☐	Wheelblades (Mini-skis for caster wheels)	£397.00
MZ 93	☐	Backpack	£58.00

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



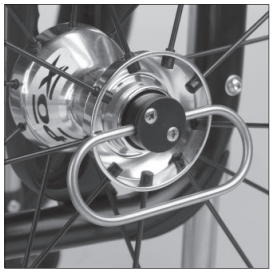
MD 56 Fold-down push handles



MD 55 Push handles, height-adjustable/ removable



MH 10 Wheel lock lever extension



MG 28 Tetra release



MA 114 Drive wheel adapter, permanently welded