



SWINGBO® VTi XL system wheelchair for adolescents with 45° tilt

Crash tested according to ISO 7176-19 and RESNA WC-4:2012: Section 19

Order form incl. Exportprices (€) valid until revoked, release date 04/2024

☐ Offer	☐ Order
Order number / reference	Date
Invoice address	
Company	Customer number
Street	City, Zip code
E-Mail	Telephone
Fax	
Delivery address	
Company	
Street	City, Zip code



Basic configuration

Mobility base

- Aluminium rigid frame with centre of gravity tilt in space
- Wheel base adjustable in 2,5 cm steps
- Wheel guards and **HOGGI** light brakes
- Double wall rear wheels incl. push rims with light weight tires, detachable by quick release axles
- Wheel camber selectively 3°, 6° or 9°

Seat unit

- Adjustable seat height
- Push-handle or push-bar included
- Adjustable tilt in space: -5° to +45°
The tilt mechanism can be limited if the seat height is low, the active degree is low or if the armrests are adjusted lowly.
- Seat depth adjustable by apx. 12 cm
- Choice of seat widths 36, 40 & 44 cm
- Maximum load 75 kg

Minimum information (Without this information your order can not be handled.)

Frame colour (see table "Frame colours")	
Seat width* in cm ☐ 36 ☐ 40 ☐ 44	Seat height * (41 - 51 cm)
Camber ☐ 3° ☐ 6° ☐ 9°	with base frame ☐ low or ☐ high

* see table "seat measurements, wheel combinations and seat heights"

Presettings

Seat depth (SD) ⁴ (34 - 50 cm)	Lower length leg (LLL) (20 - 41 cm)
Back angle range ¹ ☐ 75° - 115° ☐ 80° - 120°	Back height ⁴ (43 - 63 cm)
Push-handle- and back angle: ² ☐ 90° ☐ 95° ☐ 100° ☐ 105°	
Active degree ³ (0 - 10 cm)	

¹ for angle and height adjustable backrest only

³ see figure "Active degree"

² for foldable push handles / push bar only

⁴ see table "Seat measurements"

At missing specifications we will adjust to minimum sizes. The back angle to 80°-120°

Basic variations

with/or: Please select only one variant! SW = Seat width

	Orderno.	Colour	Description	Qty.	Price €
	☐ 3249-10SW		SWINGBO® VTi XL chassis	1 pc	
	☒ 3248-1800		Anti Tipper left and right	01 1 set	incl.
with	☐ 3245-55SW		Push bar, detachable	02 1 set	incl.
or	☐ 3245-58SW		Push bar "wide", detachable	03 1 set	incl.
or	☐ 3245-56SW		Push handle, detachable	04 1 set	incl.
or	☐ 3245-30SW		Push bar, foldable (upcharge)	05 1 set	
or	☐ 3245-38SW		Push bar "wide", foldable (upcharge)	03 1 set	
or	☐ 3245-35SW		Push handle, foldable (upcharge)	06 1 set	
or	☐ 3248-30SW		Push bar, foldable and angle adjustable (upcharge)	07 1 set	
or	☐ 3248-38SW		Push bar "wide", foldable and angle adjustable (upcharge)	03 1 set	
	☐ 3249-7300		Tie down kit according to ISO 7176-19 *	08 1 set	
* Use with back rest extension or head support if there is no support for shoulder and head mounted in the transport vehicle.					
	☐ 3245-5113S		Reinforced locking claws for push bar 3245-30SW and push handles 3245-35SW * (upcharge)	09 1 set	
* necessary if used with tie down kit					
	☐ 3249-1530		Tilt mechanism support kit (recommended for load over 40 kg)	1 set	

Brakes, wheel cover and side parts

with/or: Please select only one variant! SW = Seat width

	Orderno.	Colour	Description	Qty.	Price €
with	☐ 3249-1760		HOGGI light sport brake	10 1 set	incl.
or	☐ 3249-1750		Standard brakes SWINGBO VTi XL	1 set	incl.
with	☐ 3248-160x		Wheel guards (2=22", 4=24"; at 3° camber: 3=22", 5=24")	1 set	incl.
or	☐ 3248-169x		Wheel lock lever integrated in wheel guards (2=22", 4=24"; at 3° camber: 3=22", 5=24")	1 set	

Aluminium fender

	Order no.	Colour	Description	Qty.
with	☐ 3248-1698		Wheel guards aluminum in frame color, 20-24" with integrated wheel lock levers	11 1 set
or	☐ 3248-1699		Wheel guards luminum in frame color 20-24" with integrated wheel lock levers, wide for 3° camber	1 set

Rear wheels, HOGGI light

with/or: Please select only one variant!

	Orderno.	Colour	Description	Qty.	Price €
with	☐ 1296-0xxx		Rear wheel HOGGI light	12 1 set	incl.
or	☐ 1296-1xxx		Rear wheel with drum brake (upcharge)	13 1 set	
or	☐ 1296-x3xx		22" wheel diameter	1 set	incl.
or	☐ 1296-x4xx		24" wheel diameter	1 set	incl.
with	☐ 1296-xx1x		Pneumatic tires 1"	1 set	incl.
or	☐ 1296-xx2x		Flat free tires(20x1 3/8", 22x1" und 24x1")	1 set	incl.
with	☐ 1296-xxx0		Without push rims		
or	☐ 1296-xxx1		Push rims aluminium anodised, "standard" mounting	14 1 set	incl.
or	☐ 1296-xxx2		Push rims aluminium anodised, "high" mounting	15 1 set	incl.
or	☐ 1296-xxx3		Push rims stainless steel, "standard" mounting (upcharge)	16 1 set	
or	☐ 1296-xxx4		Push rims stainless steel, "high" mounting (upcharge)	17 1 set	
with	☐		Push rim mounting wide		
	☐		Push rim mounting narrow		
or	☐ 1204-1155		Closed ergonomic hand rims 22 ", black anodized, for Hoggi-light wheels (Upcharge)	63 1 Set	
or	☐ 1204-1156		Closed ergonomic hand rims 24 ", black anodized, for Hoggi-light wheels (Upcharge)	1 Set	
with	☐ 1204-106X		"HOGGI Grip Plus" hand rim inserts black, for closed ergonomic hand rims (Upcharge)	64 1 Set	
	☐ 1204-114X		Aluminum hand rim with plastic anti-slip coating, black, standard mounting (Upcharge)	71 1 pair	
	☐ 1204-114X		Aluminum hand rim with plastic anti-slip coating, black, high mounting (Upcharge)	1 pair	

Spoke guards // Old motifs // Sale

with/or: Please select only one variant!

	Orderno.	Colour	Description	Qty.	Price €
☐	1204-101x		Spoke guard, transparent *	18	1 set
☐	1204-101x		Spoke guard, transparent, for drum brakes wheels *		1 set
☐	1204-101x		Spoke guard, printed ** (Sale)	19	1 set
☐	1204-101x		Spoke guard, printed, for drum brakes ** (Sale)		1 set
* Motifs 2021 only possible in combination with 1204-2001-XXX					
** please enter code of your print design see attachment or brochure "spoke guard" // Only while stocks last!					
*** printed spoke guards are not available for 20" wheels					

Spoke guards // New motifs 2021 (with 10% dealer discount)

	Order no.	Colour	Description	Qty.	Price €
☐	1204-2001-000		Spoke guard Special interior foiling, single-coloured according to customer requirements ^{1 2}		1 set
☐	1204-2001-2XX		Spoke guard Special interior foiling, printed ^{1 3}		1 set
☐	1204-2001-SA		Spoke guard Special interior foiling, printed according to customer requirements ¹		Price on request
¹ only in combination with transparent spoke guard					
² please specify RAL tone					
³ Spoke guard motif selectable in "Order form spoke-guards" (available on the website)					

Front castors

with/or: Please select only one variant!

	Orderno.	Colour	Description	Qty.	Price €
with ☐	1250-1002S		Wheel with rubber tire, black 100x32	20	1 set incl.
or ☐	1250-1003S		Wheel with rubber tire, black 125x32		1 set incl.
or ☐	1250-1005S		Wheel with rubber tire, black 140x40		1 set incl.
or ☐	1249-1005		Skater wheel with LED 100x24 (upcharge)	21	1 set
or ☐	1249-1006		Skater wheel with LED 125x24 (upcharge)		1 set
or ☐	1221-1003		PU-wheel with plastic design rim 100x34 (upcharge)	22	1 set
or ☐	1221-1004		PU-wheel with plastic design rim 125x34 (upcharge)		1 set

Accessories

with/or: Please select only one variant! SW = Seat width

	Orderno.	Colour	Description	Qty.	Price €
☐	3245-24SW	015	Seat panel	23	1 set
☐	3249-6502	346	Straight hip supports size (250 x 110 mm), SW 36 - 44 *	24	1 pair
* Hip supports reduce the maximum seat width by 3 cm					
☐	3231-7900	346	Abduction block, size 2, swing away (LWH 11x8x10 cm)	25	1 pc.
☐	3233-7800	346	Abduction block, size 3, swing away (LWH 13x9x10 cm)		1 pc.
☐	3245-29SW		Back panel angle- and height adjustable* in frame colour	26	1 set
* in combination with detachable push handle / push bar only					
☐	3245-32SW		Back, trough shaped and height adjustable* in frame colour	27	1 set
* in combination with push handle / push bar foldable and angle adj.					
☐	3245-3310		Four gripper clamps D25 with fasteners to arm blank sheet on the back tube	28	1 set
☐	3245-4005	015	Foot rest hanger 90°, LLL short 20 - 36 cm	29	1 set
☐	3245-4006	015	Foot rest hanger 90°, LLL long 20 - 41 cm *		1 set
☐	3245-4007	015	Foot rest hanger angle adjustable, 85-160°, LLL short 20 - 36 cm	30	1 set
☐	3245-4008	015	Foot rest hanger angle adjustable, 85-160°, LLL long 20 - 41 cm *		1 set
with ☐	3245-4302		Foot rest bracket angle adjustable, flip up type	31	1 set incl.
or ☐	3245-4303		Foot rest bracket angle adjustable, with interlocking (upcharge)	32	1 set
with ☐	3245-44SW		Foot rest	33	1 pc.
or ☐	3245-45SW		Foot rest with heel stop	34	1 pc.
or ☐	3249-46SW		Foot rest aluminum in frame color (SW 36, 40, 44)	35	1 pc.
or ☐	3249-46SW	015	Foot rest aluminum black (SW 36, 40, 44)		1 pc.
with ☐	3249-45SW	015	Heel plate Alu (SW 36, 40, 44)	36	1 pc.
☐	3245-4003	015	Single foot rest hanger, separat angle adj. 85-160°, LLL short 20-36 cm	37	1 set
or ☐	3245-4004	015	Single foot rest hanger, separat angle adj. 85-160°, LLL long 20-41 cm *		1 set
with ☐	3245-46SW		Two single footplates in boat shape	38	1 set
* applicable up from seat height 45 cm					
☐	1204-1016		Push-rim cover in silicone black fluted 22"	39	1 set
☐	1204-1017		Push-rim cover in silicone black fluted 24"		1 set

Accessories				with/or: Please select only one variant! SW = Seat width	
	Orderno.	Colour	Description	Qty.	Price €
	☐ 3243-7603	346	Head support standard with upholstery	40	1 pc.
	☐ 3201-3830		Headrest bracket "universal" (for 3245-7800 or third-party products)	41	1 pc.
	☐ 3245-7800	306	Head support with occiput upholstery incl. mount. bracket	42	1 pc.
	☐ 3200-0401		Belt routing as a T-strap above the shoulders	43	1 pc.
	☐ 3245-6802	346	Thoracic support *, particular adjustable, 12x13x2 cm	44	1 set
	* in combination with angle and height adjustable back 3245-29SW only				
	☐ 3246-68SW	346	Thoracic support, adjusted to back panel trough shaped (size 12x13x2 cm)		1 set
	☐ 3245-6401	346	Chest-/ thoracic support, size 1, length 33 - 43 cm *	45	1 pc.
	☐ 3245-6402	346	Chest-/ thoracic support, size 2, length 39 - 49 cm *		1 pc.
	☐ 3245-6403	346	Chest-/ thoracic support, size 3, length 45 - 55 cm *		1 pc.
	* chest measurement measured up from the back rest, in combination with angle and height adjustable back 3245-29SW only				
	* by ordering these articles in combination with a back panel trough shaped SA-0295-MP must be taken additionally				
	☐ 3246-6200		Armrests, size 1, Height 14 - 21 cm *		1 pair
	* depending on seat height and seat angle, not all "armrestheights" are available				
	* Tilt may be limited with certain settings				
or	☐ 3246-6300		Armrests size 2, Height 19 - 26 cm *		1 pair
	* depending on seat height and seat angle, not all "armrestheights" are available				
or	☐ 3246-6400		Armrests with tilt balancing size 1, height 15-23 cm	46	1 pair
or	☐ 3246-6500		Armrests with tilt balancing size 2, height 18-26 cm		1 pair
	☐ 3246-6500		Armrests with tilt balancing reinforced version size 2, height 18-26 cm		1 pair
with	☐ 7000-0051		PU-Armrest pads, 235 mm long		1 pair incl.
or	☐ 7000-0052		PU-Armrest pads, 270 mm long		1 pair incl.
	☐ 3240-8204		Therapy tray, size 4, SW 36 *	47	1 pc.
	☐ 3240-8205		Therapy tray, size 5, SW 40 - 44 *		1 pc.
	* in combination with armrests only				
	☐ 3201-6100		Lap belt	48	1 pc.
	☐ 3240-6703		SWINGBO ® 4-point lap belt size M (SW 28 - 34)	49	1 pc.
	☐ 3240-6704		SWINGBO ® 4-point lap belt size L (SW 34 - 42)		1 pc.
	☐ 3201-6400		Ankle hugger, size 1	50	1 pair
	☐ 3203-6400		Ankle hugger, size 2		1 pair
	☐ 3245-72SW	346	Back cushion, through shaped back black 2,5 cm thick, SW 36 - 44	51	1 pc.
	☐ 3245-73SW	346	Back cushion black 2,5 cm thick, SW 36 - 44		1 pc.
	☐ 3245-71SW	346	Seat cushion short 3 cm thick, SW 36 - 44	52	1 pc.
	☐ 3245-77SW	346	Seat cushion 3 cm thick with cut out for hip support, SW 36 - 44		1 pc.
with	☐ 2240-1505		MDP pad holder swing away and detachable for attachment to round tube D25 mm, left side	53	1 pc.
with	☐ 2240-1506		MDP pad holder swing away and detachable for attachment to round tube D25 mm, right side		1 pc.
or	☐ 2240-1405		MDP pad holder fixed for attachment to round tube D25 mm, left/right side	54	1 pc.
with	☐ 2240-1461	346	MDP trunk support size 1 (8 x 10 x 2 cm), cover black	55	1 pc.
or	☐ 2240-1462	346	MDP trunk support size 2 (10 x 12 x 2 cm), cover black		1 pc.
or	☐ 2240-1463	346	MDP trunk support size 3 (12 x 13 x 2 cm), cover black		1 pc.
or	☐ 2240-1471		MDP trunk support curved size 1 (6 x 11,5 x 2,5 cm), PU w/o cover	56	1 pc.
or	☐ 2240-1472		MDP trunk support curved size 2 (8 x 14 x 2,5 cm), PU w/o cover		1 pc.

Extra equipment

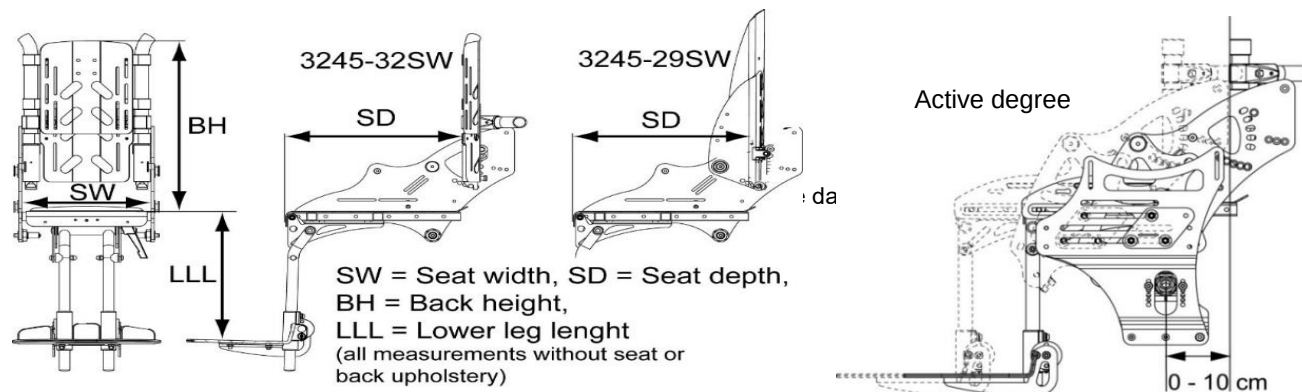
	Order no.	Colour	Description	Qty.	Price €
	☐ 7000-0199		"Cosies" Thermofleece hand warmer for companion	57	1 set

Custom-made

with/or: Please select only one variant! SW = Seat width

Orderno.	Colour	Description	Qty.	Price €
☐ 3249-3200		Back plate with fastening material for "HOGGI align" back cushions	58	
☐ 3249-7200	346	HOGGI align Contoured back cushion, black	59	
☐ 3245-80SW	346	Contoured seat cushion, with abduction, leg and ischial support, with removable cushion cover, SW 36 - 44 *	60	1 pc.
		* not combinable with hip supports and abduction block		
☐ SA-0286/2-KP		Abduction block 30 mm height extension kit *		1 set
		* only in combination with abduction block and contoured seat cushion		
☐ 3245-9300	346	SWINGBO ® canopy incl. adapter and rain protection, black *	61	1 pc.
		* in combination with angle and height adjustable back 3245-29SW only		
☐ SA-0183		Extension push-bar	62	
☐		5 cm extension		
☐		10 cm extension		
☐ SA-0093-MP		Maxgrepp Original Greifreifen (Upcharge)	65	1 set
☐ SA-0094-MP		Maxgrepp Ergo Para Greifreifen (Upcharge)	66	1 set
☐ SA-0095-MP		Maxgrepp Ergo Para CP Greifreifen (Upcharge)	67	1 set
☐ SA-0390		Upholstery in special colour (see table upholstery colours)		Price on request
☐ SA-0210		Frame in special color with RAL code (Upcharge)		1 pc.
☐ 6999-0014	060	Special Frame colour, Copper Gold (Upcharge)		1 pc.
☐ 6999-0017/2		Wheel fork powder coated, color according to customer specification (Upcharge)		1 pc.
☐ SA-0279/2-KP		SWINGBO ® VTi XL outdoor front end *	68	1 pc.
		* additional costs for retrofitting		
☐ SA-0306		SWINGBO® VTI tip assist	69	1 pc.
		☐ on the left or ☐ on the right		
☐ 3275-1910		Bumper wheels, CLEO and SWINGBO®VTi	70	1 pc.
		Plastic anti-slip coating in custom colour: Pure white (RAL 9010), Silver grey (RAL 7001), Sky blue (RAL 5015), Traffic red (RAL 3020), Pure orange (RAL 2004)	72	
☐ SA-0572-F-MP		(Upcharge)		1 pair
☐ SA-0315/3-MP		Reconstruction SWINGBO® VTI for ProAktiv One hand drive	73	1 pc.
☐ SA-0158-KP		Calf upholstery suitable to SW (Upcharge)		1 pc.
☐ SA-0463-MP		Adjustment to the SHERPA Vario Footrest system * (Upcharge)		1 pc.
		* applicable up from SW36		
☐ SA-0505-MP		Locking of the integrated brake	74	1 pc.
☐ SA-0594		Carbon wheel cover (Upcharge)	75	Price on request

How to measure



Seat measurements

Seat width (SW)	36	40	44
Mounting width between the seat adaptor plates	35,5	39,5	43,5
Seat depth	34 - 46	38 - 50	38 - 50
Backrest height 3245-29SW	45 - 54	50 - 59	54 - 63
Backrest height 3245-32SW	43 - 55	45 - 57	48 - 60

*reduction of the seat-width between the pivot points by 2 cm if you are selecting article 3248(9)-30SB or 3245-29SB

Wheel combinations and seat heights

Front castors Rear wheels	Wheel diameter 100 mm	Wheel diameter 125 mm	Wheel diameter 140 mm
	Camber 3° 6° 9°	Camber 3° 6° 9°	Camber 3° 6° 9°
22 x 1" Base frame high	☐ Seat height 44 ☐ Seat height 45 ☐ Seat height 46 ☐ Seat height 47 ☐ Seat height 48 ☐ Seat height 49	☐ Seat height 44 ☐ Seat height 45 ☐ Seat height 46 ☐ Seat height 47 ☐ Seat height 48 ☐ Seat height 49	☐ Seat height 44 ☐ Seat height 45 ☐ Seat height 46 ☐ Seat height 47 ☐ Seat height 48 ☐ Seat height 49
24 x 1" Base frame high	☐ Seat height 45 ☐ Seat height 46 ☐ Seat height 47 ☐ Seat height 48 ☐ Seat height 49 ☐ Seat height 50 ☐ Seat height 51	☐ Seat height 45 ☐ Seat height 46 ☐ Seat height 47 ☐ Seat height 48 ☐ Seat height 49 ☐ Seat height 50 ☐ Seat height 51	☐ Seat height 45 ☐ Seat height 46 ☐ Seat height 47 ☐ Seat height 48 ☐ Seat height 49 ☐ Seat height 50 ☐ Seat height 51
22 x 1" Base frame low	☐ Seat height 41 ☐ Seat height 42 ☐ Seat height 43 ☐ Seat height 44 ☐ Seat height 45 ☐ Seat height 46	☐ Seat height 41 ☐ Seat height 42 ☐ Seat height 43 ☐ Seat height 44 ☐ Seat height 45 ☐ Seat height 46	☐ Seat height 41 ☐ Seat height 42 ☐ Seat height 43 ☐ Seat height 44 ☐ Seat height 45 ☐ Seat height 46
24 x 1" Base frame low	☐ Seat height 44 ☐ Seat height 45 ☐ Seat height 46 ☐ Seat height 47 ☐ Seat height 48	☐ Seat height 44 ☐ Seat height 45 ☐ Seat height 46 ☐ Seat height 47 ☐ Seat height 48	☐ Seat height 44 ☐ Seat height 45 ☐ Seat height 46 ☐ Seat height 47 ☐ Seat height 48
	L 1281-1011 Long wheel fork 1 set incl.	K 1281-1010 Short wheel fork 1 set incl.	o not available

(Seat height measurements are approximate values, tolerance +/- 10mm)

Frame colours

001 Black (RAL 9005)	020 Yellow green (RAL 6018)	028 Pearl violet (RAL 4011)	056 Turquoise blue (RAL 5018)
002 Silver	021 Grey aluminium (RAL 9007)	029 Pearl beige (RAL 1035)	057 Iron sparkling dark light
003 Pearl ruby red (RAL 3032)	022 White (RAL 9003)	032 Black dull matt (RAL 9005M)	058 Salmon orange (RAL 2012)
004 Pearl night blue (RAL 5026)	023 Pure orange (RAL 2004)	039 Signal violet (RAL 4008)	059 Pastel blue (RAL 5024)
005 Pearl gentiant blue (RAL 5025)	024 Sparkling iron effect	040 Night blue (RAL 5022)	061 Light pink (RAL 3015)
017 Traffic yellow (RAL 1023)	025 Signal blue (RAL 5005)	050 White matt (RAL 9003)	064 Olive green (RAL 6003)
018 Flame red (RAL 3000)	026 Vermillion (RAL 2002)	053 Light green (RAL 6027)	065 Raspberry red (RAL 3027)
019 Sky blue (RAL 5015)	027 Heather violet (RAL 4003)	054 Ocean blue (RAL 5020)	066 Pastel green (RAL 6019)

SA-0210-MP Special colours on request (Enter RAL code Upcharge

Upholstery colours

346 Black	321 Spacer fabric, black (special colour)	348 Grey Soft (special colour)
347 Berry Soft	(special colour)	349 Turquoise Soft (special colour)

All HOGGI upholstery are made from flame retardant Trevira CS. Exception spacer fabric (**321**).

Spoke guard



Colour code

201	HOGGI blue	205	Train
202	Wonderland	206	Dragon
203	Mouse	207	Circus
204	Water world		

CONFIGURATIONS // ACCESSORIES // SWINGBO® VTi XL



Double anti tippers



Push bar, detachable



Push bar „wide“



Push handles, detachable



Push bar, foldable



Push handle, foldable



Push bar, foldable and angle adjustable



Tie down kit



Reinforced locking claws



HOGGI light sport brake



Aluminium fender with integr. brake system



Rear wheel HOGGI light



Rear wheel HOGGI light with drum brake



Push rims aluminium anodised, standard



Push rims aluminium anodised, high



Push rims stainless steel, standard



Push rims stainless steel, high



Spoke guard, transparent



Spoke guard, printed



Wheel with rubber tire



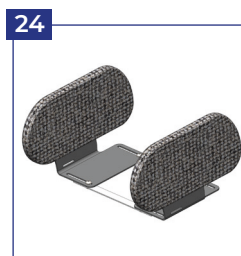
Skater wheel with LED



PU-wheel with plastic design rim



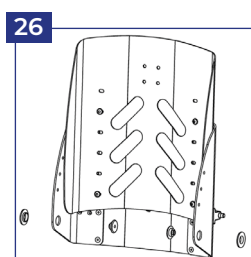
Seat panel



Hip supports



Abduction block



Back panel angle- and height adjustable



Back, trough shaped and height adjustable



Four gripper clamps



Foot rest hanger 90°



Foot rest hanger angle adjustable

CONFIGURATIONS // ACCESSORIES // SWINGBO® VTi XL



CONFIGURATIONS // ACCESSORIES // SWINGBO® VTi XL



Canopy



Extension push-bar



Closed ergonomic hand rims



HOGGI Grip Plus



Maxgrepp Original push rims



Maxgrepp Ergo Para push rims



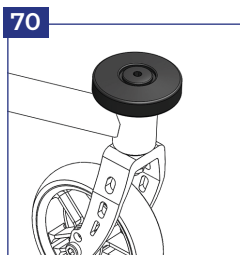
Maxgrepp Ergo Para CP push rims



Outdoor front end



Tip assist



Bumper wheels



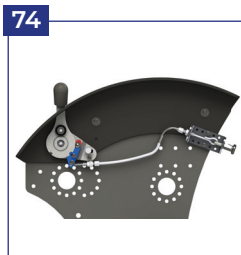
Aluminum hand rim with plastic anti-slip coating



Aluminum hand rim with plastic anti-slip coating



One-hand drive of „ProActiv“



Locking of the integrated brake



Carbon wheel cover