





TiLite Twist - Order form



Dealer Name*:		Account #*:		
City, State, Post Code:				
Phone:	Email:		Rep Name:	
Clinician:	Client Name PO	Number	Client Weight:	
*Required field Special considerations that need to b	e addressed here (e	.g., diagnosis):		

Frame Style

TWFS2 **TiLite Twist** Full adjustability. 165lb (75kg) weight limit. Seat width 'A' grows 2" and seat depth 'B' grows 3".

TWFSW7 Abduction Frame, 2" Outward Flare Requires a No Taper Footrest. \$

Transit Options

TWTTDO Transit Tie-Downs Tested to WC-19. Consists of four tie-down brackets. Transit option is not available with user weights less than 51lb

(23kg). Please refer to the Twist Transit Tie-Down Option Brochure for important information regarding transit tie-down options.

Frame Finishes

Frame Color: TWFF8 High Gloss Black TWFF10 Red Pepper TWFF49 Neon Pink

TWFF14 Ocean Blue Metallic TWFF15 Tangerine Metallic TWFF30 Acid Green Metallic TWFF19 Black Lava TWFF17 Midnight Blue Pearl TWFF18 White Pearl TWFF27 Titanium Grey TWFF59 Pomegranate Red TWFF62 Blue Mist TWFF57 Indigo Purple TWFF40 Hyper Blue TWFF41 Flame Orange TWFF42 OD Green TWFF60 Silver Streak TWFF63 Lavendar Dusk TWFF58 Black Galaxy TWFF64 Daffodil Yellow TWFF61 Seafoam Green

 Caster Arm Color:
 TWFF8 High Gloss Black
 TWFF10 Red Pepper
 TWFF49 Neon Pink

TWFF14 Ocean Blue Metallic TWFF30 Acid Green Metallic TWFF15 Tangerine Metallic TWFF17 Midnight Blue Pearl TWFF18 White Pearl TWFF19 Black Lava TWFF27 Titanium Grey TWFF45 Pomegranate Red TWFF48 Blue Mist TWFF43 Indigo Purple TWFF41 Flame Orange TWFF40 Hyper Blue TWFF46 Silver Streak TWFF42 OD Green TWFF49 Lavendar Dusk TWFF44 Black Galaxy TWFF47 Seafoam Green TWFF50 Daffodil Yellow

Color Anodize Package

Standard: ZAN01 Black Standard

Anodized Package: ZAN12 Gold ZAN15 Green ZAN13 Purple ZAN14 Orange ZAN10 Blue ZAN11 Red

Includes caster mount, caster fork and caster caps. If no anodize colour is selected, default will be black.

Frame Measurements

Seat Width 'A' | Measure from outside of seat tube at back post to the outside of the opposite seat tube at back post. Seat width grows 2". All upholstery and components (exception cushion) needed to grow the seat width are included. TiShaft back release bar available at no charge upon request.

TWSW5: 8"-10" 9"-11" 10"-12" 11"-13" 12"-14" 13"-15"

TWSW5: Set at

Default will be smallest seat width for selected range. Please specify for other settings (1" increments).

Seat Depth 'B' | Measure from front of back post to the front edge of seat sling. Seat depth grows 3". Front edge of seat sling will be 1.5" from the beginning of the bend on no-taper and tapered frames, and 2" on abduction frames. All upholstery and components needed to grow the seat depth are included (except cushion).

TWSD4:

8"-11"

9"-12"

10"-13"

11"-14"

12"-15"

13"-16"

TWSD4:

Set at

8"-11" range requires 18" or 20" rear wheels. Default will be smallest seat depth for selected range. Please specify for other settings (1"

Front Seat Height 'C' | Measure from floor to top of seat tube at front edge of seat sling. Twist adjusts up and down in 1/2" increments. 2" taper footrest width 'I' available with 12"-15" or 13"-16" seat depths only. For 2" taper footrest width 'I' add 1.5" to minimum front seat height.

TWFSH1:

3" Front Wheel 3" Glide 4" 4" Glide 5

13"	13.5"	14"	14.5"	15"	15.5"	16"	16.5"	17"	17.5"	18"	No charge
18.5"	19"	19.5"	20"								
1	3"-14.5"	1	3.5"-15"		13"-16"		14"-17"		14.5"-17.5"		15.5"-18.5"
14	.5"-15.5"	1	5"-16.5"		14"-17"		15"-18"		16"-19"		16.5"-19.5"
1	3.5"-15"	1	4"-15.5"		13.5"-16.5"		14"-17.5"		15"-18"		16"-18.5"
1	4.5"-16"	1	5.5"-17"		14.5"-17.5"		15.5"-18.5"		16"-19"		17"-20"
					14"-17"		14.5"-17.5"		15.5"-18.5"		16.5"-19.5"
8"-1	I1" Depth	9"-	12" Depth	10	"-13" Depth		1"-14" Depth		12"-15" Depth		13"-16" Depth

Front Seat Height Range

Rear Seat Height 'D' | Measure from floor to top of seat tube at back post. Twist adjusts up and down in 1/2" increments.

TWRSH1:

17.5"

12.5" 18"

13" 18.5" 13.5" 19"

14" 14.5" 19.5"

15.5"

No charge

18" 20" 22" 24"

12"-17"	
13"-17.5"	
14"-18.5"	
15"-19.5"	

Rear Seat Height Range

Front Angle 'L' | Measure from frame front to floor.

TWFA1:

No charge

Rear Wheel Spacing 'J' | Measure from outside of back post to inside of rear tire. 3/4" rear wheel spacing not available with 0° or 2° camber. Not all rear wheel spacing is available with all accessories.

TWRWS1

TWCBR12

Fixed Rear Wheel Spacing

0.75" 1"

1.25" Adjustable Rear Wheel Spacing Camber Plugs

1.5" 1.75"

2"

8°

TWCBR9 Additional Spacers to Increase Rear Wheel Spacing No charge

Standard

No charge

Standard

Camber 'K'

TWCBR15

Aluminum Camber Tube

0°

12°

TWCBR1: **Footrest**

Footrest Width 'l' | Measure from inside of front frame tube to inside of opposite front frame tube.

TWFSW1

No Taper 2" narrower than seat width.

Standard

TWFSW4

2" Taper 4" narrower than seat width. Available with 12"-15" or 13"-16" seat depths only. Add 1.5" to minimum seat to footrest 'E' ranges. No charge

8" Seat Width 'A' 10" 11" 12" 13" 14" 15'

6"	
7"	
8"	
9"	
10"	8"
11"	9"
12"	10"
13"	11"
No Taper	2" Taper

Footrest Width

Standard Footrests

Seat to Footrest 'E':	9"	9.5"	10"	10.5"	11"	11.5"	12"	12.5"	13"	13.5"	14"	14.5"
	15"	15.5"	16"	16.5"								

Measure from front edge of seat sling to top rear of footrest. Measurement must be at least 2" shorter than Front Seat Height 'C'.

TWFTR3 Angle Adjustable Footrest Standard
TWFTR24 Flip-Back Depth and Angle Adjustable Footrest Not when both 13"-15" seat width and abduction frame are ordered. \$

High Mount Footrests

 Seat to Footrest 'E':
 5"
 5.5"
 6"
 6.5"
 7"
 7.5"
 8"
 8.5"
 9"
 9.5"
 10"
 10.5"

 11"
 11.5"
 12"
 12.5"
 13"

Measure from front edge of seat sling to top rear of footrest.

TWFTR4 Angle Adjustable High Mount Footrest \$

TWFTR27 Flip-Back Depth and Angle Adjustable High Mount Footrest Not when both 13"-15" seat width and abduction frame are ordered.

8"-11"
9"-12"
10"-13"
11"-14"
12"-15"
13"-16"

3" Froi	nt Wheel	4" Fro	nt Wheel	5" Front Wheel	
9"-12"	5"-8"	9"-12"	5"-8"		
10"-13"	6"-9"	10"-13"	6"-9"		
9"-13.5"	5"-9.5"	9"-13.5"	5"-9.5"	9"-14"	5"-10"
10"-14.5"	6"-10.5"	10"-14.5"	7"-11.5"	10"-15"	6"-11"
11"-15"	7"-11.5"	11"-15"	8"-12.5"	11"-15.5"	7"-12"
12"-16"	8"-12.5"	12"-16"	7.5"-12"	12"-16.5"	8"-13"
Standard	High-Mount	Standard	High-Mount	Standard	High-Mount

\$

Footrest Height Range

Residual Limb Support

TWRSL1 Residual Limb Support, 8"W x 10"L, Single

Right Left

TWRSL2 Residual Limb Support, 8"W x 10"L, Pair

TWRSL1 Residual Limb Support, 8"W x 10"L, Single

\$

Right Left

Calf Straps

TWCLF2 Velcro Adjustable \$

Small (9"-12" footrest widths) Medium (11"-15" footrest widths)

SP102x Bodypoint® Padded Velcro Adjustable

Medium (11"-15" footrest widths)

TWCLF1 Buckle Adjustable, Black Nylon Webbing \$

Backrest

Back Type

 TWSB1
 Folding Aluminum Adjustable Height Back
 With TiShaft aluminum back release bar.
 Standard

 TWSB11
 Backrest Locks When Folded
 Standard

 TWSB22
 Height Adjustable Backrest Rigidizer Bar
 \$

Push Handles

TWSB6	Integrated Push Handles	No charge
TWSB7	Integrated Fold-Down Push Handles Requires tension adjustable by straps back upholstery.	\$
TWSB8	Bolt-On Push Handles Requires 12"-14" or 13"-15" seat width range.	\$
TWSB9	Bolt-On Height-Adjustable Push Handles Requires 12"-14" or 13"-15" seat width range.	\$
TWSB20	Bolt-On Center Mount Height Adjustable Push Handle	\$
	Small (9.25") Standard (14.25") Tall (19.25")	
TWSB21	Stroller Handle	\$

Back Height 'F' | Set at 1/2" increments.



None / Bolt-On Integrated Fold-Down

8.5"-11.5"	12"-16.5"	16.5"-20.5"	Set at:
10.5"-12.5"	13.5"-16.5"	17.5"-20.5"	Set at:
13"-15.5"	14.5"-19"	18.5"-21"	Set at:

Short Medium Tall Specify
Folding Back Height

Back Angle 'G' | Measure angle from front of back post to floor. 90° will be perpendicular to the floor. To approximate the angle from the back post to the seat, subtract 2° from measurement G for every 1/2" of seat dump.

TSWBA1: 80° 83° 86° 89° 92° 95° 98° 101° No charge

Back Upholstery

TWBUP2	Velcro Adjustable Not with fold-down push handles.	Standard
TWBUP3	Tension Adjustable By Straps, Padded Nylon Required for fold-down push handles.	\$
TWBUP5	Tension Adjustable By Straps, AIR Breathable Required for fold-down push handles.	\$
TWBUP5	Ultrasuede Backrest Stripe, Black Not with AIR breathable upholstery.	\$
	Black Sapphire Red Pepper Burnt Orange Ultraviolet NiteLite Reflective	
TWBUP0	Omit Back Upholstery	No charge

Back Supports

Comfort Acta-Embrace® Back Support

AE-BSxWxL Acta-Embrace® Back Support Available on 10"-14" seat widths. Includes compass can mount harfdware.

Shell Height: 10" 12" 14"

Comfort Back Options

TPHDR1 Comfort BodiLink Head Support w/GlideWear® Cover Uses piano taper midline hardware. Available on Acta-Back, Acta-Embace and

TiLite rigid back supports. The Comfort Head Support is WC-20 certified on the Acta-Back and Acta-Embrace, WC-19 certified when used with the TiLite backrest.

\$

6" Width 8" Width

Seat Options

Seat Upholstery

TWSUP1	Tension Adjustable Bolt-On Upholstery, Black	Standard
TWSUP0	Omit Seat Upholstery	No charge

Seat Cushion

CU-SV-xx	Comfort Curve Cushion	\$
EM-FQA-xx	Comfort Embrace Zero Elevation Cushion	\$
1RxxLPC	ROHO® Low Profile® Single Compartment Cushion	\$

Precision Lock Front Forks

TWFK1	TiLite Standard Fork		No charge
TWFK2	TiLite Slipstream Single-Sided I	Fork	\$
TWGL1	Glide™ Suspension Fork Blac	k anodize only. Not with 5" front wheels. Select rider weight.	\$
	125lbs 125-180lbs 180	D-265lbs	
TWTS1	Titanium Fork Stem		\$

Front Whee	ls								
See front seat heig	ht ranges chart for limi	tations.							
TWFW24	3"x1.4" LiteSpeed-7	Billet Aluminu	ım Wheel w/Soft	Roll Tire					\$
	Silver Hub B	lack Hub							
TWFW14	4"x0.75" Plastic W	heel w/Poly Ti	re Not with Slip	stream fork.					No charge
TWFW3	4"x0.75" Light-Up	Micro Caster	Not with Slipstre	am fork.					\$
TWFW26	4"x1.4" LiteSpeed-7	Plastic Wheel	w/Soft Roll Tire						\$
TWFW27	4"x1.4" LiteSpeed-7 Billet Aluminum Wheel w/Soft Roll Tire Silver Hub Black Hub						\$		
TWFW6	5"x1" Plastic Wheel w/Poly Tire Not with 90° front angle or Slipstream fork. No charge						No charge		
TWFW28	5"x1.4" LiteSpeed-7 Plastic Wheel w/Soft Roll Tire Not with 90° front angle.						\$		
TWFW30	5"x1.4" LiteSpeed-7 Billet Aluminum Wheel w/Soft Roll Tire Not with 90° front angle. \$ Silver Hub Black Hub								
Rear Wheel	S								
See rear seat heigh	nt ranges chart for limit	ations.							
TWRW14	TiLite SHADOW™								Standard
Wheel Size:	18" (400)	20" (451)	22" (501)	24" (540)					
TWRW7	Spinergy SPOX (Drange, pink, pu	ırple and green s	pokes only ava	ilable in 20" size.				\$
Wheel Size:	20" (451)	22" (501)	24" (540)						
Spoke Color:	Black	Red	Blue	White	Orange	Pink	Purple	Green	
TWRW8	Spinergy LX								\$
Wheel Size:	22" (501)	24" (540)							
Spoke Color:	Black	Red	Blue	White	Orange	Pink	Purple	Green	
TWRW9	Spinergy Design L	ab LX Wheels	Black spokes o	nly. If same col	lor is selected, an	odized hubs and	d rims match cold	our anodized packag	re. \$
Wheel Size:	22" (501)	24" (540)							
Anodize Color:	Gold	Green	Blue	Red	Purple	Orange			
TWRW16	Spinergy Carbon E	Blade 2x2 Twi	ll Weave Carbon	Fiber.					\$
Wheel Size:	24" (540)								
TWRW17	X-Core Mag Not v handrims.		•	es, spoke guard	ds or omit handrir	ns options. Requ	uires aluminum si	ilver anodized	\$
Wheel Size:	20" (451)	22" (501)	24" (540)						
Axles									
TWAXL1	Stainless Quick Re	elease							Standard
TWAXL2	Titanium Quick Re	lease							\$
TWAXL3	Quad Release No	Quad Release Not with Mag rear wheels.							\$
Pneumatic Re	ar Tires								
TWRTR1	Treaded								Standard
TWRTR2	Airless Inserts Not with 18" rear wheels.						\$		
TWRTR4	MBL SpeedLite 20"(451), 22"(501), 24"(540) No charge					No charge			
TWRTR30	Primo Sentinel 24"	(540)							\$
TWRTR8	Schwalbe® Marath	on Plus Evolu	tion 24"(540)						\$
TWRTR32								\$	
Solid Rear Tire	es								
TWRTR22	Primo Orion 18" (4	00), 20"(451), 2	22"(501), 24"(54	0) Not with S _i	pinergy Carbon B	lade rear wheels	S.		\$
TWRTR23	Primo Active 24"(5	40) Not with S	Spinergy Carbon	Blade rear whe	eels.				\$

Handrims		
TWRIM1	Aluminium, Silver Anodized	Standard
TWRIM21	Aluminium, Black Anodized Not with 18" rear wheels.	No charge
TWRIM12	Titanium, Satin Finish Not with 18", 20" or 22" rear wheels, or 24" knobby tires.	\$
TWRIM20	Q-Grip Exclusive high-friction, anti-slip coating. Not with 18" or 20" rear wheels.	\$
TWRIM5	Plastic Coated, Black Not with 18" rear wheels.	\$
TWRIM10	The Surge Large profile. All-In-One oval with Gription™ strip. Not with 18" or 20" rear wheels.	\$
TWRIM11	The Surge LT Small profile. All-In-One oval with Gription™ strip. Not with 18" or 20" rear wheels.	\$
TWRIM14	The Natural-Fit®, Standard Grip Original, large profile. Not with 18" or 20" rear wheels, short tabs or Spinergy Carbon Blade rear wheels.	\$
TWRIM15	The Natural-Fit®, Super Grip Original, large profile. Not with 18" or 20" rear wheels, short tabs or Spinergy Carbon Blade rear wheels.	\$
TWRIM16	The Natural-Fit®, Without Thumb Grip Original, large profile.	\$
TWRIM17	The Natural-Fit® LT, Standard Grip Reduced weight, small profile. Not with 18" or 20" rear wheels, short tabs or Spinergy Carbon Blade rear wheels.	\$
TWRIM18	The Natural-Fit® LT, Super Grip Reduced weight, small profile. Not with 18" or 20" rear wheels, short tabs or Spinergy Carbon Blade rear wheels.	\$
TWRIM19	The Natural-Fit® LT, Without Thumb Grip Reduced weight, small profile.	\$
TWRIM22	Omit Handrims	No charge
Handrim Tab I	Length	
TWRIM7	Long Tabs	Standard
TWRIM8	Short Tabs Not with Mag rear wheels or The Natural-Fit® handrims with thumb grip.	\$
Wheel Lock	(S	
TWWLK7	Compact Composite Push to Lock Available with 0.75"-1.5" rear wheel spacing only.	No charge
TWWLK8	Compact Composite Pull to Lock Available with 0.75"-1.5" rear wheel spacing only.	No charge
TWWLK10	Extension Handles for Compact Composite Push/Pull to Lock	\$
TWWLK11	MBL Composite Scissor Lock	\$
TWWLK3	Uni-Lock	\$
	Push Pull	
TWWLK4	Extension Handles for Uni-Lock	\$
Side Guard	S	
TWSDG2	Aluminum Rigid Removable	\$
	Extra Small Small Standard	
TWSDG3	Aluminum Quad Removable, with Hole	\$
TWSDG7	Small Standard Carbon Rigid Removable	\$
TWODOT	Small Standard	Ψ
TWSDG8	Carbon Quad Removable, with Hole	\$
	Small Standard	
TWSDG12	Carbon Fendered Removable	\$
TWSDG13	Side Guards Custom Cut to Profile of Rear Wheels Available on aluminum and carbon fiber non-fendered side guards.	\$
CMD007	Custom Offset Profiled Side Guards (Removable or Fold-Down) Please specify desired offset to nearest 1/2" and side guards type in the Notes section of this order form. Side guard material must be selected. Some limitations may apply.	\$
Armrests		
TWARM1	Swing Away Tubular	\$
TWARM4	Flip Back Tubular Not with short seat back height or velcro adjustable back upholstery.	\$
TWARM2	Removable Height Adjustable Desk Arm with Rigid Side Guard 10" armpad. Requires 10" minimum seat depth.	\$
TWARM5	Armrests Covered in Black Ultrasuede Not with desk arms.	\$

Positioning		
Upper Body P	ositioning	
SH295x-B5	Bodypoint® PivotFit™ Dynamic Shoulder Harness Cam buckle mounts, rear pull.	\$
	Extra Small Small	
SH120x-B3	Bodypoint® Monoflext™ Chest Support	\$
	Extra Small Small	
Pelvic Position	ning	
TWBLT1	Velcro Adjustable Belt, Black Nylon Webbing	\$
HB275-S38-B1	Bodypoint® Two Point Centre Pull Swivel Buckle, Small	\$
HB235-S38-B1	Bodypoint® Two Point Centre Pull XS Push Button, Small	\$
EB275-S38	Bodypoint® Evoflex Belt, Swivel Buckle, Small	\$
EB235-S38	Bodypoint® Evoflex Belt, Centre Pull XS Push Button, Small	\$
TWBLT8	Q'Straint® WC-19 Wheelchair Anchored Pelvic Belt Recommended for use with transit tie down.	\$
HW320-25-2	Bodypoint® Optional Band Clamp Mounting Hardware	\$
Lower Body P	ositioning	
FT240x	Bodypoint® Ankle Huggers	\$
	Xtra Small Small	
Anti-Tips		
TWTIP1	Rear Aluminum, Black Seat widths 8"-10", 9"-11" and 10"-12" will ship with Centre Mount Single Non-Swivel Caster Anti-Tip at no additional cost.	\$
TWTIP2	User Friendly Flip-Up Requires 12"-14" or 13"-15" seat widths.	\$
TWTIP5	Center Mount Swivel Caster Anti-Tip	\$
TWTIP6	Center Mount Non-Swivel Caster Anti-Tip	\$
Accessories	s	
TWGRD1	Clear Lexan Spoke Guards with TiMotion Logo Not with Mag rear wheels.	\$
TWBCK3	Permobil Medical Necessities Backpack	\$
TWPCH3	Permobil Medical Necessities Seat Pouch	\$
SP001	Bodypoint® Mobility Bag	\$
TWUEST1	Upper Extremity Support Tray Requires armrests.	\$
	12"-14" seat widths 13"-15" seat widths	
TWMPCT2	Black Neoprene Impact Guards with Ultrasuede Stripe	\$
TWCH1	Crutch Holder	\$

SmartDrive Power Assist System

MX2-850-xxx Permobil SmartDrive MX2+ Please provide SmartDrive MX2+ order form. Not available with 8" seat width, rear seat heights < 13.5" or 20"

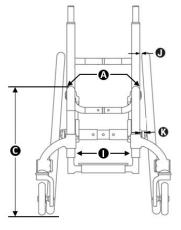
rear wheels.

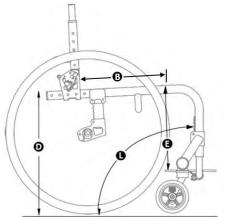
General

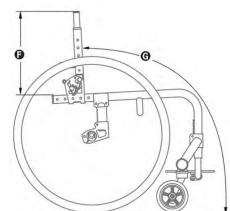
Permobil manufactures TiLite manual wheelchairs in a wide variety of configurations to meet the varied needs of wheelchair users. The final selection of a particular model, its options and accessories, and its measurements rests solely with the wheelchair user and the advising healthcare professional. These wheelchairs must be fitted by a qualified healthcare professional. Prices, standard features, options and accessories are subject to change without notice. All rights reserved.

Notes

TiFit Reference Diagrams







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