

# Complex Powerchair Solutions

		REAR-WHEEL DRIVE		MID-WHEEL DRIVE				FRONT-WHEEL DRIVE			4x4	
		KARMA KP25.2	QUANTUM R-TRAK	PRIDE J623 2.0	QUANTUM EDGE 3 STRETTO	QUANTUM EDGE 4	QUANTUM Q6 EDGE HD	QUANTUM 4FRONT 2	QUANTUM 4FRONT 2 HD	QUANTUM Q1450	QUANTUM OUTBACK	
DRIVE	Contracts	Accessible DSS Enable ACC & DSS	Enable DSS	Accessible DSS Enable ACC & DSS	Accessible DSS Enable ACC & DSS	Accessible DSS Enable ACC & DSS	Accessible DSS Enable ACC & DSS	Enable DSS	None	Accessible DSS	None	
	Drive Wheels	30.48 cm (12") Pneumatic	35.56 cm (14") Solid Foam Filled or Pneumatic or Knobby	35.56 cm (14") Solid Foam Filled or Pneumatic	31.75 cm (12.5") or 35.56 cm (14") Solid Foam Filled or Pneumatic	35.56 cm (14") Solid Foam Filled or Pneumatic or Knobby	35.56 cm (14") Solid Foam Filled or Pneumatic	35.56 cm (14") Solid Foam Filled or Pneumatic or Knobby	35.56 cm (14") Solid Foam Filled	35.56 cm (14") Solid Foam Filled	36.83 cm (14.5") Knobby	
	Castor Wheels <sup>1</sup>	20.32 cm (8") Solid	Front 22.86 cm (9") Solid	Front 15.24 cm (6") Solid Rear 15.24 cm (6") Solid	Front 12.70 cm (5") Solid Rear 15.24 cm (6") Solid	Front 17.78 cm (7") Solid Rear 17.78 cm (7") Solid	Front 15.24 cm (6") Solid Rear 15.24 cm (6") Solid	Front 15.24 cm (6") Solid Rear 15.24 cm (6") Solid	Rear 22.86 cm (9") Solid	Rear 22.86 cm (9") Solid	22.86 cm (9") Solid	N/A
	Anti-Tip Wheels	N/A	10.16 cm (4") Solid (rear)	N/A	N/A	N/A	N/A	N/A	10.16 cm (4") Solid (front)	10.16 cm (4") Solid (front)	10.16 cm (4") Solid (front)	N/A
	Maximum Speed <sup>2</sup>	Up to 6.0 km/h	Up to 11.0 km/h	Up to 9.6 km/h	Up to 10.0 km/h	Up to 11.2 km/h	Up to 7.5 km/h	Up to 10.0 km/h	Up to 8.0 km/h	Up to 7.2 km/h	Up to 10.0 km/h	
	Ground Clearance	5.84 cm (2.30")	10.08 cm (3.97") (battery tray)	6.86 cm (2.70") (battery tray)	7.37 cm (2.90") (battery tray)	7.29 cm (2.87")	7.62 cm (3.00") (frame centre)	8.00 cm (3.15") (motor pivot)	6.60 cm (2.60") (motor pivot)	3.81 cm (1.50") (anti-tip wheels)	12.50 cm (4.92") (motors)	
	Turning Radius <sup>3</sup>	65.02-100.08 cm (25.60-39.40")	65.28 cm (25.70")	52.07 cm (20.50")	53.34 cm (21.00")	57.91 cm (22.80")	50.17 cm (19.75")	65.79 cm (25.90")	62.23 cm (24.50")	67.31 cm (26.50")	124.97 cm (49.20")	
	Max Rated Slope	10° / 17.6%	7.5° / 13.2%	7.5° / 13.2%	7.5° / 13.2%	7.5° / 13.2%	7.5° / 13.2%	7.5° / 13.2%	7.5° / 13.2%	6° / 10.5%	8° / 14.1%	
SEATING & POSITIONING	Seating System	Slung upholstery	TRU-Balance 3	TRU-Balance 3	TRU-Balance 3 or 4	TRU-Balance 3 or 4	TRU-Balance 3	TRU-Balance 3 or 4	TRU-Balance 3 HD	TRU-Balance 3 HD	TRU-Balance 3	
	Seating Sizes	Non-Tilt	W: 14-20" D: 16-20"	W: 12-24" D: 12-22"	W: 12-22" D: 12-22"	W: 12-20" D: 12-20"	W: 12-24" D: 12-24"	W: 20-32" D: 20-28"	W: 12-22" D: 12-22"	W: 20-24" D: 16-24"	W: 20-32" D: 20-28"	W: 16-24" D: 16-24"
		Power Tilt	N/A	W: 12-24" D: 12-22"	W: 12-22" D: 12-22"	W: 12-20" D: 12-20"	W: 12-24" D: 12-24"	W: 20-32" D: 20-25"	W: 12-22" D: 12-22"	W: 20-24" D: 16-24"	W: 20-32" D: 20-28"	W: 16-24" D: 16-24"
		Power Lift & Tilt	N/A	W: 12-24" D: 12-22"	W: 16-22" D: 16-22"	W: 16-20" D: 16-20"	W: 16-24" D: 16-24"	W: 20-24" D: 20-24"	W: 12-22" D: 12-22"	W: 20-24" D: 16-22"	N/A	W: 16-24" D: 16-24"
		TRU-Balance 4 Anterior Tilt	N/A	N/A	N/A	W: 16-20" D: 16-20"	W: 16-24" D: 16-24"	N/A	W: 16-22" D: 16-22"	N/A	N/A	N/A
	Seat to Floor Heights	Non-Tilt	19.00"	16.00" - 18.00"	16.50" - 18.50"	16.00" - 18.00"	16.50"-18.50"	16.50" - 18.50"	15.00" - 17.00"	15.00" - 17.00"	16.50" - 18.50"	18.00" - 19.00"
		Power Tilt <sup>4</sup>	N/A	17.25" - 19.25"	17.50" - 19.50"	17.50" - 19.50"	17.50"-19.50"	18.50" - 20.50"	17.75" - 19.75"	17.75" - 19.75"	19.50" - 20.50"	19.00" - 20.00"
		Power Lift & Tilt <sup>4</sup>	N/A	17.25" - 19.25"	18.00" - 20.00"	18.00" - 20.00"	17.50"-19.50"	18.50" - 20.50"	17.75" - 19.75"	17.75" - 19.75"	N/A	20.00" - 21.00"
TRU-Balance 4 Anterior Tilt		N/A	N/A	N/A	18.00" - 19.00"	18.25"-20.25"	N/A	17.75" - 19.75"	N/A	N/A	N/A	
Maximum Elevation	N/A	10.0"	12.0"	12.0"	12.0"	10.0"	10.0"	10.0"	N/A	10.0"		
ELECTRONICS & BATTERY	Lights	N/A	Standard	Optional	Standard	Standard	Optional	Standard	Standard	Optional	Standard	
	Battery Size/Type	20Ah for 14" W 40Ah for 16-20" W	MK 70ah	MK 50ah	MK 48ah	MK 70ah	MK 70ah	MK 70ah	MK 70ah	MK 70ah	MK 88ah	
	Electronics	VR2 Controller	Q-Logic 3	VR2 Controller	Q-Logic 3	Q-Logic 3	Q-Logic 3	Q-Logic 3	Q-Logic 3	Q-Logic 3	Q-Logic 3	
	Battery Charger	6A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board	
	Motor Packages	2-Pole	4-Pole Rear-wheel	2-Pole Mid-wheel	2-Pole Mid-wheel	4-Pole Mid-wheel	4-Pole High-torque	4-Pole Front-wheel	4-Pole Front-wheel	4-Pole High-torque	4-Pole High-torque, sealed x 4	
DIMENSIONS & WEIGHTS	Battery Weight <sup>5</sup>	2x 17.5 kg	2x 23.5 kg	2x 17.2 kg	2x 17.0 kg	2x 23.5 kg	2x 23.5 kg	2x 23.5 kg	2x 23.5 kg	2x 23.5 kg	2x 28.0 kg	
	Base Weight	35.00 kg	58.00 kg	63.00 kg	57.25 kg	70.00 kg	65.00 kg	58.97 kg	63.50 kg	88.50 kg	76.48 kg	
	Weight Capacity <sup>6</sup>	135.0 kg	150.0 kg	136.0 kg	136.0 kg	150.0 kg	204.0 kg	136.0 kg	204.0 kg	272.0 kg	160.0 kg	
	Overall Length (Excl. Front Rigging)	109.22 cm (43.00")	88.39 cm (34.80")	90.17 cm (35.50")	82.55 cm (32.50")	97.21 cm (38.27")	90.42 cm (35.60")	101.35 cm (39.90")	100.84 cm (39.70")	97.16 cm (38.25")	106.68 cm (42.00")	
	Overall Width	Seat width +17.78 cm (+7.00")	61.47 cm (24.20")	61.47 cm (24.20")	54.61 cm (21.50") (35.56 cm (14") wheels) 51.99 cm (20.47") (31.75 cm (12.5") wheels)	61.01 cm (24.02")	66.68 cm (26.25")	60.96 cm (24.00")	60.96 cm (24.00")	74.30 cm (29.25")	73.20 cm (28.82")	

Information correct as of June 2026. From time to time, product specifications are changed by manufacturers without prior notice

# Powerchair Weight Matrix

The below table lists the approximate weight of each powerchair component for powerchairs distributed within New Zealand. This can be used to calculate an approximate weight of a powerchair, however, is only a guide and weights can vary. Please also note, cushions, backs, armrests and other accessories will increase the overall weight of a powerchair. Battery weight may also vary based on the manufacturer. Refer to the powerchair specs sheet for additional information.

	REAR-WHEEL DRIVE		MID-WHEEL DRIVE				FRONT-WHEEL DRIVE			4x4
	KARMA KP25.2	QUANTUM R-TRAK	PRIDE J623 2.0	QUANTUM EDGE 3 STRETTO	QUANTUM EDGE 4	QUANTUM Q6 EDGE HD	QUANTUM 4FRONT 2	QUANTUM 4FRONT 2 HD	QUANTUM Q1450	QUANTUM OUTBACK
Batteries (total weight of two batteries)	25.00 kg	47.00 kg	34.40 kg	34.00 kg	47.00 kg	47.00 kg	47.00 kg	47.00 kg	47.00 kg	56.00 kg
Base (base + motors + controller)	35.00 kg	58.00 kg	63.00 kg	57.25 kg	70.00 kg	65.00 kg	58.97 kg	63.50 kg	88.50 kg	76.48 kg
Seating (width & depth adj + side rails + seat pan + back canes/mounts)	12" - 16"	12.00 kg	12.00 kg	12.00 kg	12.00 kg		12.00 kg	12.00 kg		
	16" - 20"	13.50 kg	13.50 kg	13.50 kg	13.50 kg	13.50 kg	13.50 kg	13.50 kg		13.50 kg
	20" - 24"	17.50 kg	17.50 kg		17.50 kg	17.50 kg	17.50 kg	17.50 kg	17.50 kg	17.50 kg
	24" - 28"	21.50 kg	21.50 kg		21.50 kg	21.50 kg	21.50 kg	21.50 kg	21.50 kg	21.50 kg
TB3 Tilt Only		18.30 kg	18.30 kg	18.30 kg	18.30 kg	18.30 kg	18.30 kg	18.30 kg	18.30 kg	18.30 kg
TB3 Tilt & Elevate with 10" Lift		39.80 kg				40.00 kg	38.50 kg	38.50 kg		40.50 kg
TB3 Tilt & Elevate with 12" Lift (iLevel)			40.00 kg	38.90 kg	41.50 kg					
TB3 Recline		13.50 kg		13.5 kg	13.50 kg	13.50 kg	13.50 kg	13.50 kg	13.50 kg	13.50 kg
TB3 Manual Centre Mount (inc footplates + calf pads)		9.30 kg	9.30 kg	9.3 kg	9.30 kg	9.30 kg	9.30 kg	9.30 kg	9.30 kg	9.30 kg
TB3 Powered Centre Mount (inc footplates + calf pads)		13.30 kg	13.30 kg	13.3 kg	13.30 kg	13.30 kg	13.30 kg	13.30 kg	13.30 kg	13.30 kg
TB3 Powered 70° Swing Away (inc footplates + calf pads)		13.30 kg	13.30 kg	13.3 kg	13.30 kg	13.30 kg	13.30 kg	13.30 kg	13.30 kg	13.30 kg
TB4 Anterior Tilt Seating System (includes all functions + foot platform)				96.00 kg	96.00 kg		96.00 kg			

# Powered Functions Matrix

Powered Function	Weight Capacity (Use PWC capacity if lower)	Max Seat Size	Notes
TB3 Tilt	150 kg	24"W x 24"D	
TB3 Tilt HD	204 kg	32"W x 24"D	For use with HD Base only
TB2 Tilt HD	272 kg	32"W x 28"D	HD bases up to 204kg. Quantum 1450 up to 272kg.
TB3 Tilt & Elevate with 12" Lift (iLevel)	150 kg	24"W x 24"D	
TB3 Tilt & Elevate HD with 10" Lift	180 kg	24"W x 24"D	For use with HD Base only
TB3 Recline	204 kg	32"W x 28"D	
TB3 Powered 70° Swing Away Legrests	136 kg	N/A	Old style
TB3 Powered Individual Elevating Legrests	204 kg	N/A	New style
TB3 Powered Centre Mount	204 kg	N/A	
TB4 Seating System	150 kg	24"W x 24"D	For use with Edge 4, Stretto and 4Front 2 only (exc 4Front HD). Weight includes all functions and articulating foot platform.

Note: Please visit Edge 3 product page on our website for specs on Edge 3

- 1) Flat free may be substituted for solid wheels
- 2) Speed varies with user weight, terrain type, battery charge, battery condition and tyre pressure
- 3) Without legrests
- 4) All measurements +/- 1/8"

- 5) Battery weight may vary +/- 1.3kg based on manufacturer. Powerchairs require two batteries.
- 6) Weight capacity is dictated by the selection of seating

