



## POWER ASSIST COMPARISON TABLE

	LIGHT WEIGHT POWER ASSIST OPTIONS		PUSHRIM ACTIVATED POWER ASSIST		
OPTION	TODO (FAO)	LIGHT DRIVE (RAO)	IXPRESS	QUICKIE XTENDER	ALBER E-MOTION
<b>Description</b>	The lightest power assist option. Move the joystick clamp to your preferred location for access to the joystick. The Drive app provides remote control for maximum speed and joystick sensitivity. Lithium ion rechargeable battery.	Lightweight power assist unit which hooks onto the rear of a manual wheelchair and is controlled by a joystick. Suitable for variable terrain. The unit easily detaches by releasing the levers. An added anti-tip ensures the stability of the wheelchair when the light drive is attached.	High performing reliable, power add-on system which increases travelling distance and propulsion efficiency. Reduces energy expenditure by 45%. Available with an attendant controlled joystick. Fixed or swing away primary controller.	Set of power assisted wheels with an integrated battery pack replaces standard wheels. The motorised wheels increase the force by 4x to improve propulsion distances with less effort. Roll back assistance prevents the wheelchair from rolling back on a hill. The unit is electronically synchronised so that the wheelchair propels straight and can be programmed to accommodate difference in arm strength. The hand rim grip is suitable for users with poor hand strength.	Replace your standard wheels with the E-Motion drive wheels with integrated battery pack. When the user applies the force to the push rims the motor supports the propelling movement, making propelling easier and faster. Easy adjustment of sensor sensitivity for left and right drive wheel. Roll back delay permits safe handling of slopes and ramps safely. Two levels of driving profile for indoors and outdoors and a learning mode for beginners.
<b>Speed</b>	Calibrate and control the device with a smartphone to move the wheelchair to a different location as required.	Top speed of 10km Climbing ability based 20% based on 70kg person. Motor acts as a downhill brake.	6km/hr 3hr charging time		8.5km/hr
<b>User Capacity</b>	90kgs	120kgs	120kgs	113kgs	150kgs
<b>Unit weight</b>	5kgs	8.8kgs	17.5kgs Battery – 2.9kgs	~8kgs per motorised wheel	7.8kgs per wheel for 24" wheels.
<b>Range</b>	7km	14-16km	16km	7km	
<b>Age option</b>	Paediatric – Adult	Paediatric - Adult	Paediatric - Adult	Paediatric – Adult	Available wheel sizes: 22", 24", 26"
<b>Terrain</b>	***	****	****	*****	*****
<b>Portability</b>	*****	****	***	***	****

Key: \*\*\*\*\* Very good      \*\*\*\* Good      \*\*\* Average      \*\* Satisfactory



## POWER ASSIST COMPARISON TABLE

OPTION	PUSHRIM ACTIVATED PROPULSION ASSIST			REAR ADD ON		FRONT ADD ON	
	ALBER E-FIX	SOLO (PUSHRIM WITH JOYSTICK)	SERVO (PUSHRIM)	SMART DRIVE (RAO)	SMOOV	ALBER E-PILOT	KLAXON
<b>Description</b>	Converts a manual w/c into an electric option by the addition of drive wheels and has a joystick for the user to drive the powerchair. A second attendant control can be added to the powerchair for ease of operation by the carer. Easily convert the options between power and manual by twisting the hub. Choose between the E35 or the E36 models.	Has high capacity motors integrated into the wheels to provide power with joystick control. The wheels can be removed and replaced with ease. Powered wheels without stud axles, clips onto the modified wheelchair frame. Space saving and easy to transport in a vehicle or for air travel. Solo+ is the suitable for bariatric consumers.	Has high capacity motors integrated into the wheels and with no joystick drive. Quiet, powered wheels which clip on. Choose among 5 different drive profiles using the Servo APP. The brake deceleration can be individually adjusted on both wheels when driving downhill.	A rear attached power assist option, compatible with fixed and folding frame wheelchairs, giving you the extra boost as needed. The PushTracker E2 enables gesture activated controls and activity tracking technology permits ease of use – tap to go. Switch control available for use as required or in latched mode.	Small portable rear power assist option attached to a manual or fixed frame wheelchair. The wheel on a 360-degree swivel fork offers high traction. Suitable for use on indoors and outdoors surfaces. Wireless connector mounts to front frame of wheelchair and is used to set the speed or stop the motor.	An electric hand bike with a large front wheel for ease of access over uneven ground and kerbs. Attaches to the front of a fixed or folding wheelchair. Reverse gear, traction assist and hydraulic brakes. Smartphone connectivity and a range of accessories.	Klaxon offers innovative hybrid hand bike options which transforms a fixed or folding frame wheelchair into a trike. It has a clicking system permitting ease of attachment and detachment of the hand bike. A sports model with pedals is available to add the benefits of physical activity.
<b>Speed</b>	Up to 10km/hr Can manage gradients and slopes up to 20%	6km/hr – 13km/hr	6km/hr – 13km/hr	6km/hr	6-10km/hr	20km	15km/hr
<b>User Capacity</b>	E35 – 120kgs E36 – 160kgs	Solo: 160kgs Solo+: 200kgs	150kgs	14 – 150kgs	140kgs	100kgs	
<b>Unit weight</b>	Drive wheel: 7.8kgs Weight of battery: 9kgs	Drive wheel: 9kg Battery: 4.2kgs	Drive wheel: 10kgs Battery: 4.2kgs	6.1kgs	7.2kgs	18.4kgs	7.9kgs and above
<b>Range</b>	16 to 20kms	15kms	Up to 55km	19.8kms	20km	50kms	20-20km 45-50km with Plus battery
<b>Age option Wheel size</b>	E35 – 22”, 24” E36 – 24”	Solo - 22”, 24” Solo+ 24”	24” – Adult only	Paediatric - Adult	Paediatric - Adult	Adult	Adult
<b>Terrain</b>	*****	*****	*****	****	****	*****	*****
<b>Portability</b>	***	***	***	****	****	***	***