

# SmartDrive

Powered By Max Mobility

**Melrose**  
KIWI CONCEPT CHAIRS USA



## Power your life with the SmartDrive.

A revolutionary new power assist device that provides greater freedom and power to wheelchair users. Melrose Wheelchairs has recently been trialing this new and innovative accessory.

To go - just push as per normal, the unit *remembers* your speed and maintains it until you brake as per normal to stop. It rotates freely on the camber bar so can accommodate wheelies and curbs with ease.

Although its range is 10 miles and it can whisk you along at over 4.5 mph, its greatest trick is its portability. The SmartDrive unit hooks onto a pin attachment that is fixed to your camber bar - the battery slides under the seat, hooking over the sling with one connecting wire plugging into the drive unit. Its that easy and you are ready to go.

Because it is attached to the camber bar a fixed frame wheelchair with camber bar is required.

Contact us or your health professional for further information.

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## SPECIFICATIONS

Range	16 km
Max Speed (level surface)	7.2 kph
Max Speed (6° incline)	6.4 kph
Power	250 W
Voltage	24 V
Operating temperature	-25° C to 50° C
Total Weight	8.9 kg

*NOTE: The range and speed may vary depending on road/path surface, incline, user weight and battery condition.*

## DRIVE UNIT

Length	14.3 in (363.2 mm)
Width	5.5 in (139.7 mm)
Height	9.5 in (241.3 mm)
Weight	5 kg
Wheel diameter	7.6 in (193 mm)
Wheel width	2.8 in (71.1 mm)
Warranty for Drive unit	2 years

## BATTERY UNIT

Battery Type	Lithium Iron Phosphate
Operating Voltage	24 V
Length	14.9 in (378.5 mm)
Width	6.7 in (170.2 mm)
Height	2.4 in (61 mm)
Weight	3.8 kg
Warranty for Battery	1 year

## WHEELCHAIR REQUIREMENTS

Rear wheel diameter	22, 24, 25 or 26 in.
Minimum seat width	10 in (254 mm)
Minimum seat depth	12 in (305 mm)
Maximum seat depth	20 in (508 mm)
Minimum underseat clearance	2 in (51 mm)
Axle receiving tube diameter	1-1/4, 1-3/8, 1-1/2 and 2 in.
User Weight	36 kg - 112 kg

