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Empulse brings power assist to manual wheelchair riders with devices to fit different needs, preferences, environments, and lifestyles. Explore Empulse's unique, comprehensive, and award-winning line of devices, designed to...

**EMPOWER YOUR LIFE.**



### **PUSH DEVICES**

Mounted to the rear of the wheelchair frame and provide extra push through a wireless control box.



### **PULL DEVICES**

Mounted to the front of the wheelchair frame and pull the rider. Controlled with a steering handlebar and throttle (or manual crank).



### **WHEEL ADD-ONS**

Replace the push wheels of the wheelchair. Controlled through a wireless joystick, control box, or manual push.



### **CAREGIVER ASSIST**

Provides caregivers control of the power assist through a control box mounted to the push handles.

# R90



reddot winner 2022  
best of the best



## SLEEK, SIMPLE & SMART POWER ASSIST

Its intuitive design mounts the R90 securely to a variety of manual wheelchairs. Since the R90 sits discretely below the seat, the chair's original size and turning circle are maintained. The simple, push-button control box enables effortless one-handed use. When power assist is not needed, the wheel lifts up for zero rolling resistance. The R90 App allows you to select the performance profile that best suits your environment.



# F55



## COMPACT AND LIGHTWEIGHT

Packed with plenty of power and performance adjustments, The F55 is the power add on that doesn't just fit your lifestyle, it'll fit you too. The 14" drive wheel is designed for life's adventures.

# F35



## OUR SMALLEST, LIGHTEST PULL DEVICE EVER

With a range of up to 15 km, the F35 offers the perfect balance between range and portability as it is our smallest and lightest pull assist device. Thanks to the IATA-certified battery, it's ideal for commuters seeking a convenient solution for short- (and long!) distance travel. It can be easily removed from the subframe with a quick one-motion docking mechanism – ideal for multiple stops throughout the day.

# m90



## SLEEK, STYLISH POWER, WITHOUT WEIGHING YOU DOWN

The M90's fully-integrated hub design provides seamless power, keeping your chair sleek and compact. M90 is by far the lightest complete package in its class, just 5.9 kg including battery! Ride your way with a wireless controller - either in full joystick mode, or in 2 way toggle mode - using the joystick for speed and the handrims for steering. Convenience continues with standard quick-release axles, removable batteries, and the ability to click to free-roll for a zero-resistance manual drive.

# R10



## PUSH SMARTER, NOT HARDER, WITH EVERY STEP

Being a wheelchair attendant can be demanding. That's why we created the Empulse R10 - the power-assist that takes the effort out of pushing! Its automatic assistance mode adjusts the wheelchair's speed to match your walking pace, so no extra effort is needed. Activate constant speed mode to maintain a steady pace without pushing at all! The R10 makes slopes feel flat and heavy loads seem weightless. Foldable with the wheelchair, the R10 is easy to remove and store away too. Compatible with nearly any box-frame wheelchair, the R10 pushes the boundaries of freedom—so you don't have to.



E|R90

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Device Type



Docking Type

Rear Axle Bracket w/V-Lock™

Front Sub-Frame

Front Sub-Frame

Quick-Release Wheels

Rear Frame

Controller

Wireless Control Box

Handlebar Throttle

Handlebar Throttle

Wireless Toggle or Handrim

Caregiver Thumb Throttle

Weight <sup>2</sup>

6.6 kg  
(with 2.5 Ah battery)

From 13 kg  
(with battery)

From 9 kg  
(with battery & sub-frame)

5.9 kg  
(each wheel, with battery)

6.9 kg

Range <sup>1</sup>

Up to 15.7 km  
(Std batt.)  
Up to 31.4 km  
(Extended battery)

Up to 25 km

Up to 15 km

Up to 15 km

Up to 12 km

Wheel Size

7.75"

14"

6.5"

24"

6"

Max. Speed <sup>3</sup>

9 kph

15 kph

15 kph

6 kph

4.5 kph  
adjustable steps:  
1.5 - 3 - 4.5

1. Range is dependent on the ground surface, the weight of the user, driving behaviour, temperature and terrain.

2. Depending on product configuration

3. Speed-settings >6 kph can only be ordered via Fax with a signed waiver (see Order Form). Max. speed-settings can be altered by Sunrise Medical only.

# m90 + **NITRUM**



## PAIR WITH THE QUICKIE NITRUM

Elevate your ride to a whole new level! The QUICKIE Nitrum is engineered to efficiently convert your energy into motion, allowing you to propel with the least amount of effort.

QUICKIE's decades of experience developing high-end manual wheelchairs coupled with feedback from wheelchair users drove the design of the Nitrum. For active users who are looking for unmatched driving performance, innovative details, and a large variety of options, the Nitrum creates the perfect match for fit and performance.



# F35 + QS5 X



## PAIR WITH THE QUICKIE QS5 X

The QUICKIE QS5 X, the wheelchair that redefines easy folding thanks to FreeFold - an innovative cross-brace design that reduces folding forces and saves you over 40% energy with every fold! The QS5 X makes light work of lifting too, with an (optional) folding fixation that keeps your wheelchair tightly-locked to prevent any unintentional opening during transport.

Weighing from just 7.3 kg (without wheels), it's the lightest aluminum box frame wheelchair.



# R10 + BasiX<sup>2</sup><sup>™</sup>



## PAIR WITH THE BREEZY BASIX<sup>2</sup>

The Breezy BasiX<sup>2</sup> is a lightweight folding wheelchair that features amazing adjustability and rigidity, combined with a modern and clean look.

Clinical features include adjustable seat depth, tension adjustable back upholstery, attendant brakes and easy to use swing away legrests.

Highly efficient and easy to use - The BasiX<sup>2</sup> is the ideal wheelchair for fleet management.





EMPOWER YOUR LIFE

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For further information on the full specification, options, and accessories, please refer to the order form. All information is subject to change without notification. Please consult Sunrise Medical with any queries you may have.



If you are visually impaired, this document can be viewed in PDF format at [www.SunriseMedical.com.au](http://www.SunriseMedical.com.au)

