

medifab

Empulse®



E | m90

SLEEK, STYLISH POWER FOR YOUR  
MANUAL WHEELCHAIR,  
WITHOUT WEIGHING YOU DOWN.

### SEAMLESS POWER INTEGRATION

M90 is a wheel add-on power assist for your manual wheelchair. Its fully-integrated design provides seamless power with no extra components or wires hanging off your ride.

### WIRELESS CONTROL

Position the wireless controller where you want it with either the quick-release frame mount or thigh strap.

### RIDE YOUR WAY

Use the tires and handrims you prefer. M90's brilliant hub design keeps your chair sleek and compact.

With the flip of a switch, engage the M90 power assist or switch to free-roll to push freely.

The quick-release wheels are attached and removed the same as standard 24" wheels.

### REMOVABLE BATTERIES

Charge the batteries off-chair, and keep your M90 on-chair.

Extend your range with an extra set of batteries.

### BY FAR THE LIGHTEST

Both compact and light – the M90 complete package weighs only 12 kg – nothing excluded! Each wheel weighs just 5.9 kg including battery.



M90 Video



### TECHNICAL DATA

|   |   |
|---|---|
| Weight Capacity                           | 100 kg  |
| Wheelchair Rear Wheel Size                | 24"   |
| Battery Range <sup>1</sup>                | 15 km   |
| Max Slope                                 | 6°  |
| Total Device Weight                       | 12 kg   |
| Each Wheel, with battery                  | 5.9 kg  |
| Each Wheel, w/o battery                   | 5.3 kg  |
| Battery Weight                            | 0.6 kg  |
| Frame Compatibility                       | Folding Frames<br>Rigid Frames                |
| Max Programmed Speed                      | 6 kph   |
| Electronics                               | Bluetooth / Wireless                          |
| Batteries<br>Flight friendly <sup>2</sup> | Lithium Ion<br>(<100Wh dangerous goods limit) |
| Motors                                    | 150 W / 24 V                                  |

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

2. Always verify with your airline for current regulations.

### ⚠ WARNING

Using a power assist device can change your center-of-gravity or the way your chair rides. To reduce any risk of tip-over or fall, consult your healthcare provider about proper wheelchair configuration, including use of anti-tips and any other necessary adjustments.

**Available now!**  
Talk to our team today, to find out more!

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