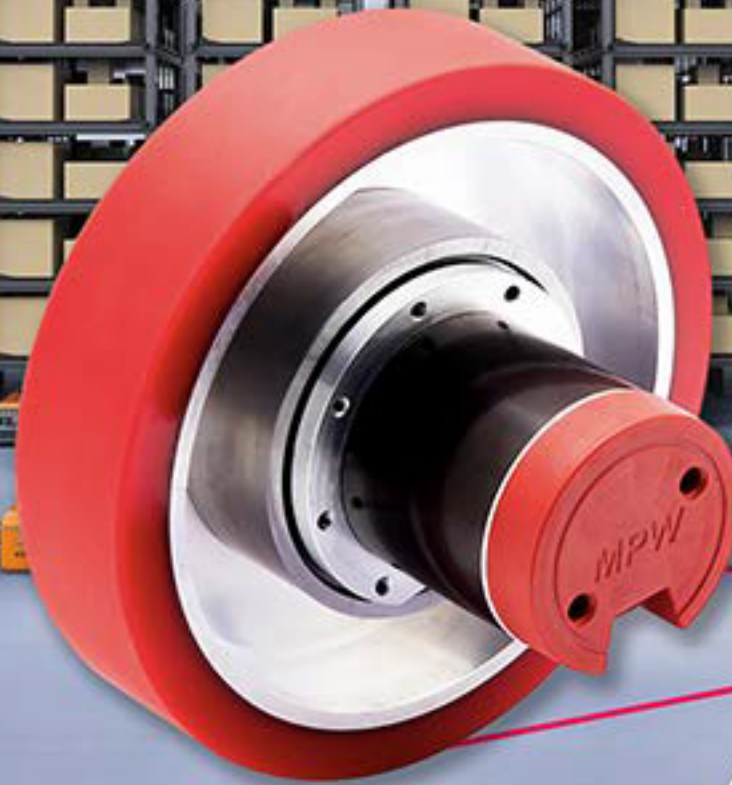


Electrocraft MobilePower™ MPW Series Wheel Drives for Mobile Robots



Introducing ElectroCraft's New MobilePower™ Wheel-Drive featuring a high torque-density brushless DC motor with integrated planetary gearbox and wheel assembly.

Two Models:

- **MPW52** - 52mm brushless DC gear motor, 150 mm wheel
 - Peak torque: 12.4 Nm (110 lb.in)
 - Maximum Load: 68 Kg (150 lbs.) per wheel
 - Rated Speed: 2.4 meters/second
- **MPW86** - 86mm brushless DC gear motor, 200 mm wheel
 - Peak torque: 35 Nm (310 lbs.in)
 - Maximum Load: 227 Kg (500 lbs.) per wheel
 - Rated Speed: 4.3 meters/second

Electrocraft MobilePower™ Gearmotors

ElectroCraft is a world leader in the design and manufacturing of customized gearmotors for a wide range of wheel-drive applications from medical mobility equipment such as wheelchairs and lifts to industrial mobile platform traction systems, such as automated guided vehicles (AGV) and autonomous mobile robots (AMR). Over one million ElectroCraft gearmotors are in service worldwide. Renowned for

their smooth, controlled power delivery with high starting torque, our gearmotors provide excellent rough-terrain and curb-climbing performance. Available in a wide range of motor and gearing options, from configurable to fully-customizable, we have a solution to satisfy your specific application requirements.

MP Series



MP36: Mobility grade 4-pole PMDC motor with 2-stage right-angle gearbox

Designed with features for power wheelchairs and other mobile traction applications

Peak Torque: 109.9 Nm (973 lb.in)



MP26: Industrial 4-pole PMDC motor with 2-stage right-angle gearbox

Designed with additional features for industrial applications

Peak Torque: 109.9 Nm (973 lb.in)



MP24: MP24: Industrial 4-pole BLDC motor with 2-stage right-angle gearbox

Brushless motor design for industrial applications provides increased efficiency and long-life.

Peak Torque: 138.01 Nm (1222 lb.in)

MPW Series



MPW52: Size: 52mm brushless DC motor, 150mm diameter wheel

Designed for automated guided vehicles and mobile robots

Peak Output Torque: 12.4 Nm (110 lb.in)

Max Radial Load: 150 lbs.



MPW86: Size: 86mm brushless DC motor, 200mm diameter wheel

Designed for automated guided vehicles and mobile robots

Peak Output Torque: 35 Nm (310 lb.in)

Max Radial Load: 227 Kg (500 lbs.)

MPP Series



MPP36: Mobility grade 4-pole PMDC motor with a heavy duty 2-stage right-angle gearbox

Designed for bariatric medical mobility applications

Peak Torque: 144.9 Nm (1282 lb.in)



MPP26: Industrial 4-pole PMDC motor with a heavy duty 2-stage right-angle gearbox

Designed with additional features for heavy-duty industrial applications

Peak Torque: 144.9 Nm (1282 lb.in)



MPP24: Industrial 4-pole BLDC motor with a heavy duty 2-stage right-angle gearbox

Brushless motor design for heavy-duty industrial applications provides increased efficiency and long-life.

Peak Torque: 153.3 Nm (1356 lb.in)



Your Genius. Our Drive.

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