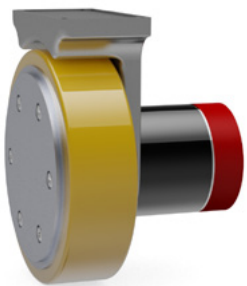


ONE OF THE MOST POWERFUL COMPACT WHEEL-DRIVES EVER CREATED!



Introducing ElectroCraft's new MobilePower™ traction system, featuring a high torque-density brushless DC motor with integrated single-stage planetary gearbox and wheel-drive assembly.

Two Models:

- **MPW52** motor/hub/wheel total length = 92mm
 - 150 lbs. load per wheel and 10 Nm (88.5 lb.in) peak torque
- **MPW86** motor/hub/wheel total length = 130mm
 - 500 lbs. load per wheel and 50 Nm (442.5 lb.in) peak torque
- Wheel diameters from 4" to 8"
- Wheel speeds from 4 to 14 MPH

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 gear motors 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: 108.5 Nm (960 lb.in)



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

Designed with additional features for industrial applications

Peak Torque: 108.5 Nm (960 lb.in)

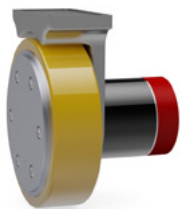


MP24: Industrial 4-pole BLDC motor with 2-stage right-angle gearbox

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

Peak Torque: 108.5 Nm (960 lb.in)

MPW Series



MPW52: Size: 52mm brushless motor, 28mm x 80mm wheel mount, 4"-8" diameter wheel

Designed for automated guided vehicles and mobile robots

Peak Output Torque: 10 Nm (88.5 lb.in)

Max Radial Load: 150 lbs.

MPW86: Size: 86mm brushless motor, 40mm x 120mm wheel mount, 6"-8" diameter wheel.

Designed for automated guided vehicles and mobile robots

Peak Output Torque: 50 Nm (442.5 lb.in).

Max Radial Load: 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: 134.2 Nm (1188 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: 134.2 Nm (1188 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: 134.2 Nm (1188 lb.in)

MPS Series



MPS32: 2-pole PMDC motor with single-stage right-angle gearbox

Designed for medical or general mobility applications

Peak Torque: 113.7 Nm (1006 lb.in)

Customized Gearmotor Solutions

For high-volume OEM applications, ElectroCraft can design and manufacture a customized solution that meets your exact application requirements. Our engineers can provide the motor and motion control expertise that give you a competitive edge in the marketplace.



Your Genius. Our Drive.

ElectroCraft, Inc.
2 Marin Way, Suite 3
Stratham, NH 03885-2578 USA

Tel: (844) 338-8114

Email: sales@electrocraft.com
www.electrocraft.com