



# **MIDWEST MOTION PRODUCTS, INC.**

**A LEADER IN RAPID PROTOTYPING OF  
HIGH-QUALITY MOTION CONTROL SOLUTIONS**

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**DESIGN, MANUFACTURING AND DISTRIBUTION OF MOTION CONTROL EQUIPMENT  
FOR ROBOTICS AND AUTOMATION**

# COMPANY OVERVIEW

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- ❖ Founded in 2001
- ❖ Headquartered in Howard Lake, Minnesota, USA
- ❖ Over 100 years of combined experience in the Motion Control Industry
- ❖ Award -Winning Quality Performance
- ❖ Award -Winning Delivery Performance
- ❖ ISO 9001:2015 Certified Since 2019
- ❖ BBB Accredited Business Rating: A+
- ❖ Charter Member of Association For Advanced Automation



# MMP HIGHLIGHTS

**DC Gearmotor Solutions Built in the USA**

**8,000+ Released DC Gearmotor Designs**

**2,000,000+ Individual Part Numbers**

**Lightning-Fast Delivery of Prototype Samples**

**Annual Production Capacity is 50,000+ Units**

**On-Time Production Delivery Rate is > 97%**

**Huge On-Hand Inventory**

**Cost-Effective Solutions**

**Time Tested and Proven Reliability**



# **LIGHTNING-FAST**

- ❖ **Rapid Prototyping Services to help Design and Engineer Ideas into Reality**
- ❖ **Many Ship SAME DAY from Materials IN STOCK**
- ❖ **Wide Variety of Frame Sizes to Choose From**
- ❖ **Complete your OEM Designs in Record Time**
- ❖ **Test 100% of Units Produced all Test Data Archived by Serial Numbers**
- ❖ **Extraordinary Pre and Post Order Support**

# PRODUCT OFFERINGS

## DC Gearmotors

**In- Line Brushed, In-Line Brushless, Right-Angled Brushed and Right Angled Brushless**

## DC Motors

**Brushed and Brushless DC Motors with optional Encoders and Failsafe Brakes**

## DC Linear Actuators

**Light-Duty and Industrial Duty DC Linear Actuators**

## Speed Controls

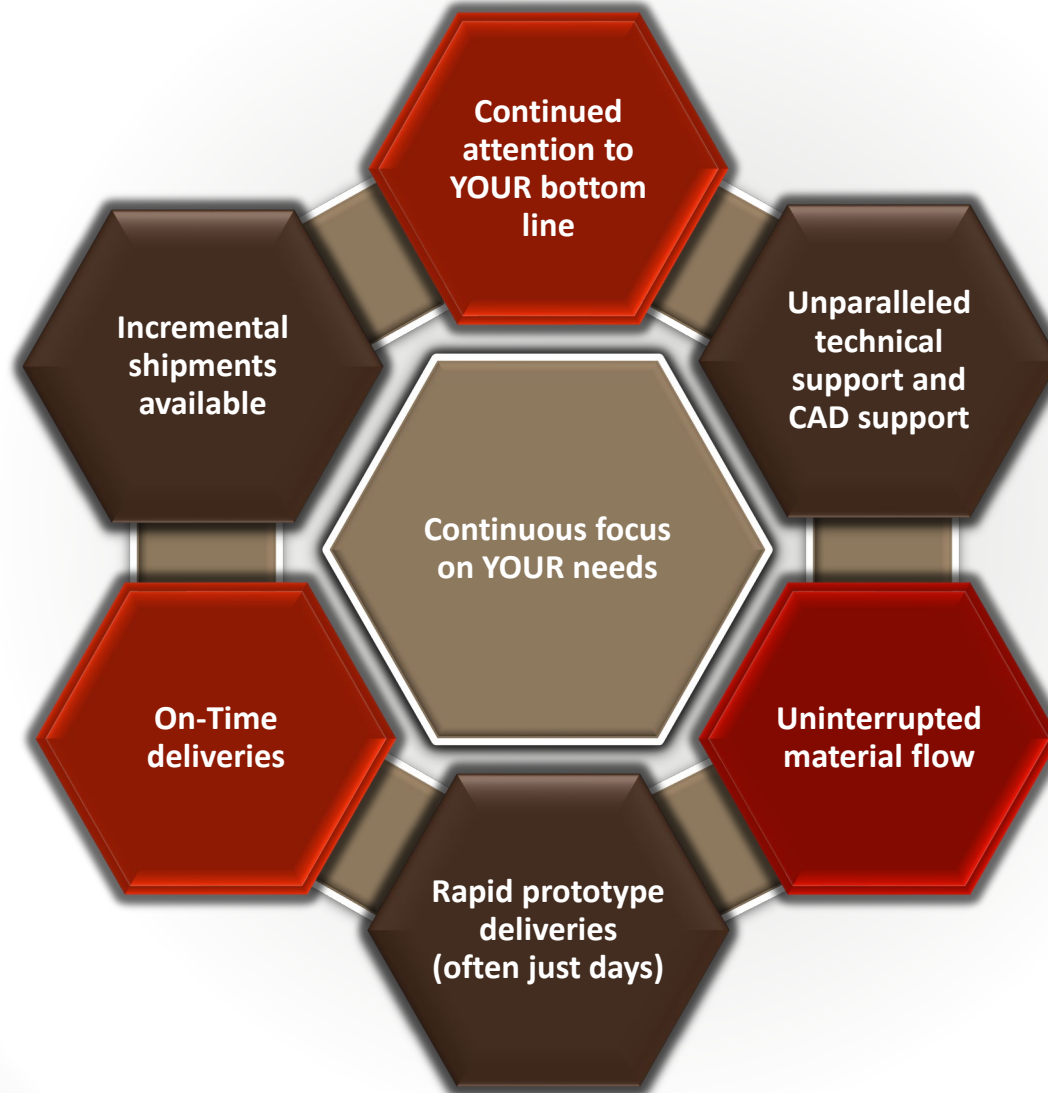
**Speed Controls and Drives, Wired & Wireless Switches and Relays**

## Power Supplies

**12V, 24V and 48V AC to DC Power Supplies – up to 2000W**



# OUR COMMITMENT AND SCOPE





**On-time delivery on blanket orders exceed 97%**



**Post-Production Defects limited to less than 1%**



**Customer Satisfaction rating exceeds 90%**



**Inventory count accuracy exceeds 95%**

# QUALITY POLICIES

**The Employees and Management of MMP are committed to the goal of continuous improvement and total customer satisfaction.**

**MMP is dedicated the achievement of this goal by meeting or exceeding our customer's expectations for product quality and selection, competitive pricing, prompt delivery and knowledgeable, courteous customer service.**



# INDUSTRIES SERVED



**Military, Defense  
& Aerospace**



**Robotics, Mobile Robotics  
& Autonomous Vehicles**



**Agricultural  
& Automotive Robotics**





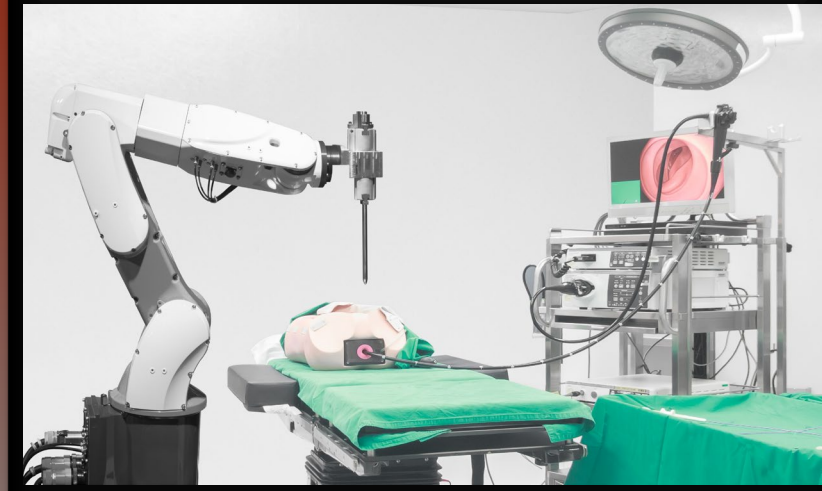
# INDUSTRIES SERVED



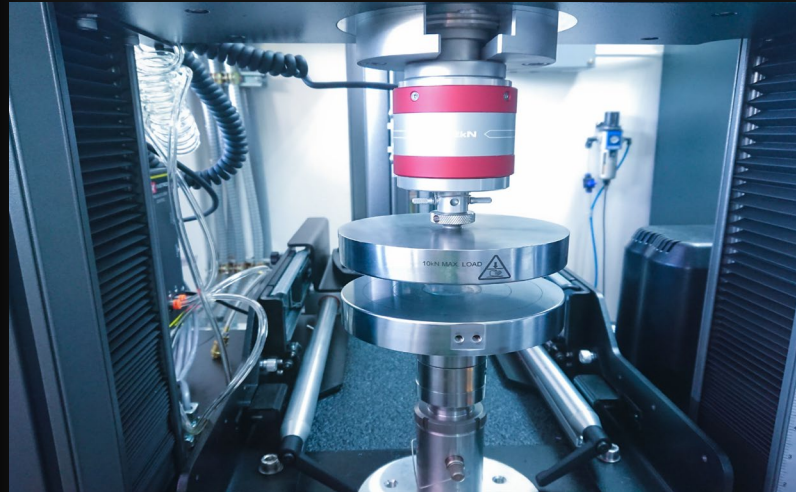
**Material Handling, Construction  
& Industrial Automation**



**Scientific Testing  
& Measurement**



**Health, Accessibility  
& Mobility**





# INDUSTRY LEADERS

## 2023

Leadership in Engineering

ADVERTISEMENT

### Midwest Motion Products, Inc.

Midwest Motion Products, Inc. (MMP) is an established Motion Control Equipment Provider, founded in 2001 and headquartered in Howard Lake, MN. A Leader in Rapid Prototyping of High-Quality Motion Control Solutions, MMP specializes in cost-effective standard DC Gearmotor, Motors, Controls, and ancillary equipment.

Known world-wide for our "Lightning-Fast" delivery capabilities, you can have a Standard Planetary or Right Angled DC Gearmotor BUILT and SHIPPED, often on the very same day you call. Offering Brushed and Brushless designs, with winding voltages ranging from 12 VDC to 120 VDC, we can deliver your "Robust & Reliable" samples within DAYS, instead of weeks, or even months.

MMP's 100+ years of combined motion control industry experience helps our customers with the crucial aspects of design, and optimization of a final solution. In addition, our mechanical design services support product design development and assemblies that fit our customer's expectations. We will work directly with you from conception to manufacturing of your products and will always provide knowledgeable & courteous customer service.

There are no minimum order quantity requirements, & visitors to our website can identify a performance-optimized solution within just a few clicks, using our unique & very popular "Solution Finder" program.

Midwest Motion Products, Inc.  
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www.midwestmotion.com

ISO 9001:2015  
A+ BBB

January 2023



**SERVICES OFFERED:**

**PROTOTYPING:**

- Exact Standards
- Flexible development process

**ENGINEERING DESIGNS & DATA:**

- Magtrol Dynamometers
- DataQ Testing Software

**3-D CAD MODELS:**

- 2017 SolidWorks Software
- CAD model files (.STEP, SLDPRPT and Parasolid file types)

**PRODUCTS OFFERED:**

- Complete Planetary Gearmotor Solutions
- Right Angled Gearmotors
- STOCK Gear Ratios from 3:1 to 2076:1
- Brushed & Brushless Designs
- Input voltage range from 12-120V DC
- Integral Failsafe Brakes
- Integral Optical Encoders
- Analog Tachometers
- PWM Motor Speed Controls
- DC Servo Amplifiers
- Economical DC Linear Actuators
- AC to DC Power Supplies
- Ultra-Quiet (Delrin) Gearmotors

We invite you to experience our  
**Award-Winning Quality & Award-Winning Delivery Performance today!**

  
www.midwestmotion.com



## ROBOTICS TOMORROW

# Design World

www.designworldonline.com  
May 2020

inside:

- MOTION CONTROL:** Electric motor standards: where we've been and where we're going p. 82
- LINEAR MOTION:** Making synchronous belts quiet and balanced p. 90
- INDUSTRIAL CABLES:** The importance of standardizing industrial bus cables p. 104

**Custom applications take the stage**  
page 24



# OEM

APRIL/MAY 2020

## OFF-HIGHWAY

Global product development solutions for mobile OEMs

Telematics Create Smarter Machines  
**PAGE 22**

**MANUFACTURERS HEED THE CALL**  
Several companies are lending a hand during the global health crisis with donations and manufacturing capabilities.  
**PAGE 14**

**CONEXPO & IFPE 2020 WRAP UP**  
Alternative power systems and further integration of smart technologies were among the highlights at the biggest construction industry show of the year.  
**PAGE 28**

oemoffhighway.com



**MakerBot**



# Thank you

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