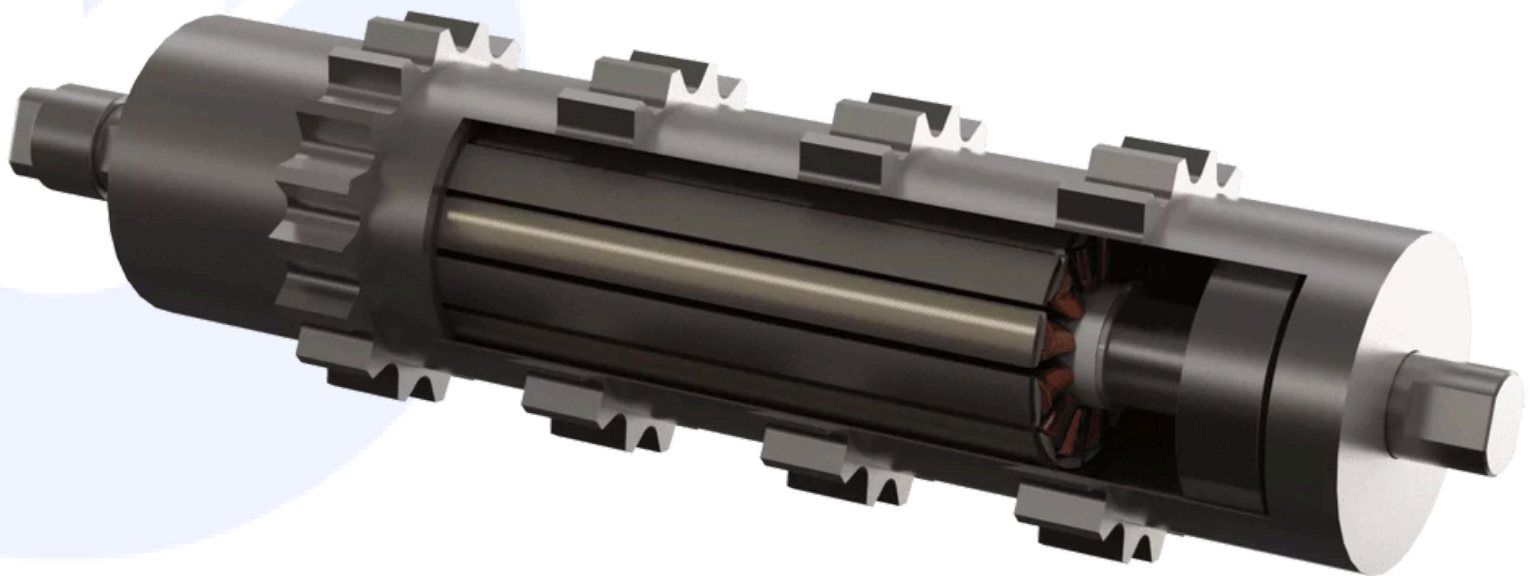




Quick-Setup Guide

SETUP INSTRUCTIONS



BROWSE ONLINE SUPPORT

Scan QR Code for support documentation
and product catalog information

ONE MOTION MAG-DRIVE



WIRING GUIDE

POWERFLEX 525 VFD

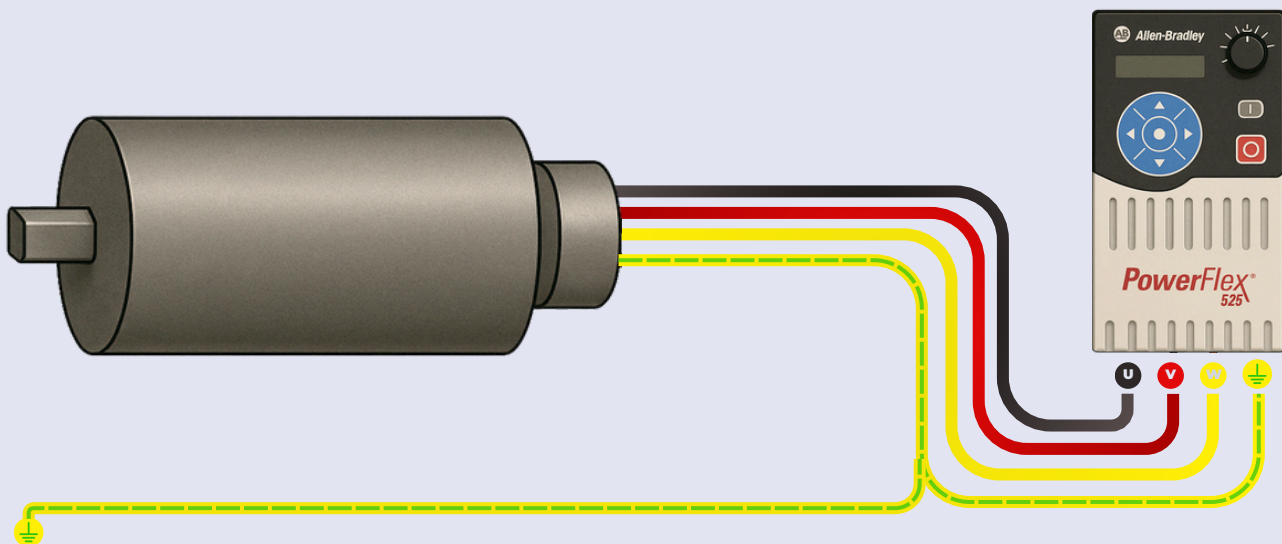
Instructions

What you need :

- One Motion Motor
- VFD with a permanent magnet mode (*We recommend the Powerflex AB525*)
- Electrical wiring tools

Wiring :

- Connect the black, red and yellow cables to the U, V, and W VFD terminals respectively.
- Make sure the Motor , VFD and Equipment are grounded.



WIRING GUIDE

POWERFLEX 525 VFD

General recommendations

VFD Requirements :

- One Motion permanent magnet synchronous motors can operate with a wide range of VFD ratings and voltages, from 110V - 1P to 460V - 3P . We recommend using a VFD rated equal to or greater than the motor's nameplate power.

Wire Type :

- For motors with a junction box or connector box, we recommend a shielded 4-conductor VFD cable rated for up to 600 V.

Motor specifications :

- One Motion is a permanent magnet synchronous motor; it always requires a VFD with a PM mode to operate properly.



Caution : Connecting the motor to mains power without a VFD will cause severe damage and void the warranty .

TESTING GUIDE

POWERFLEX 525 VFD

Getting started

VFD Parameters :

- One Motion motors require a specific set of parameters to operate with a VFD in permanent magnet mode. We provide pre-configured parameter files for the AB525 VFD. If you are using a different VFD brand, we will gladly assist with setup.

Send us an E-mail with your motor P/N to get an up to date parameter files for your motor.

om.support@actionpaq.com

Troubleshooting :

- If you encounter any faults at startup or during operation, please refer to the complete setup and troubleshooting guide on our website. If the issue persists, contact us at the support email mentioned above.