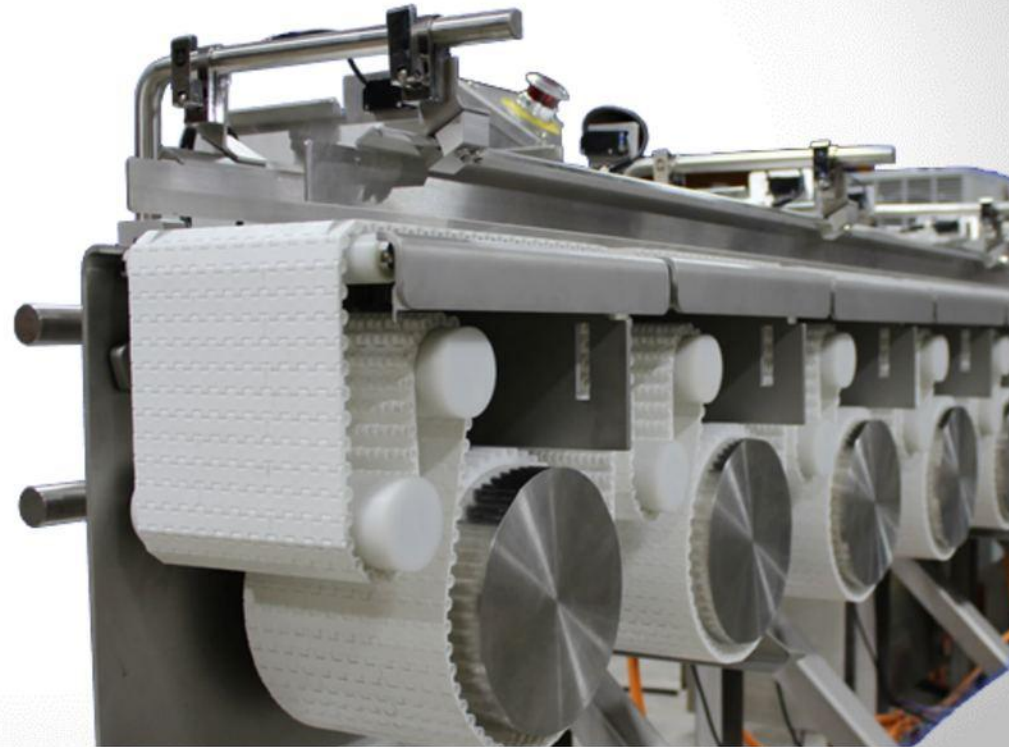


one motion

PUSHING MAGNETS AROUND



One Motion - History

Powered Pulley

Installed in Frito Facility in Indiana

2016

Powered Multi Drives

Product merge system.

2018

Tyson Humboldt, Tn

*New Poultry facility - 400+ Mag-Drives
8 New OEMs (poultry)*

2020

Powered Shaft Saputo Cheese

*High Speed Merge (300ppm)
2,500+ Installed @ Tyson*

2022

2017

Servo Replacement Powered Hub

smart belt feeding systems.

2019

IPPE Show
Introduced One Motion Mag-Drives to Poultry Industry

2021

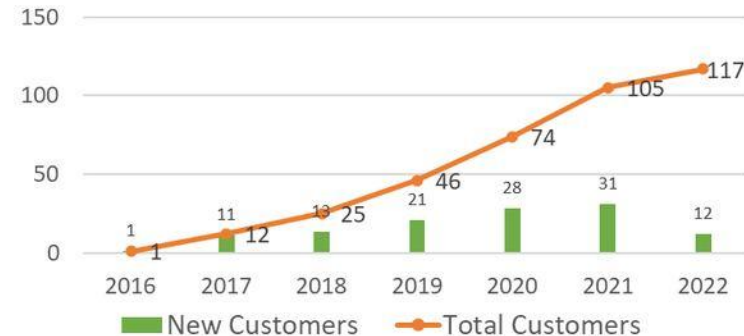
*1,000+ Installed in Frito Facility.
16" (406mm) and 1 3/4" (45mm) Mag-Drives*

Ajinomoto
Reser's Fine Foods

Mag-Drives Shipped



Customer Count



Mag-Drive

MAGNETIC DIRECT DRIVE TECHNOLOGY

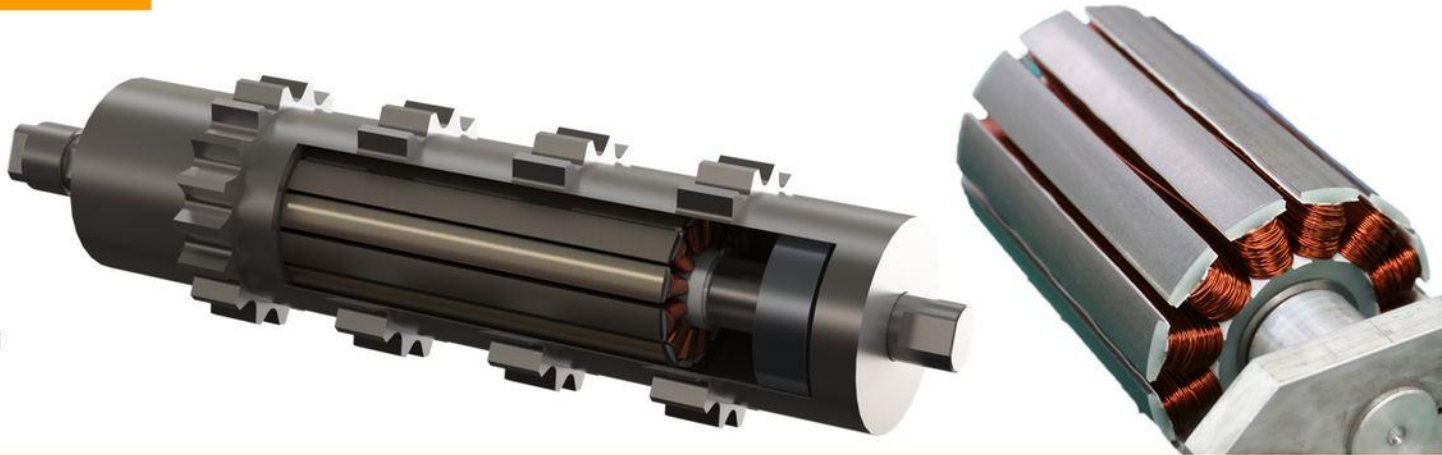
OUTER RUNNER DESIGN

- **HIGH POWER MAGNETIC ARRAYS**

Magnets shaped to create a high pole count. Result is high mechanical power & constant torque over wide speed range.

- **ONLY ONE TRANSFER OF ENERGY**

Direct transfer of electrical power to mechanical rotation. Watts to torque. No wasted energy moving through mechanical gears.



2ND LAW OF THERMODYNAMICS: "IN THE PROCESS OF ENERGY TRANSFER, SOME ENERGY WILL DISSIPATE AS HEAT"



RELIABILITY

- **ELIMINATE DOWNTIME**

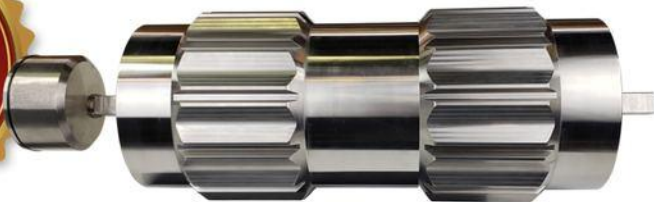
Keep your systems running

- **FEWEST ROTATING COMPONENTS**

Keep your process running

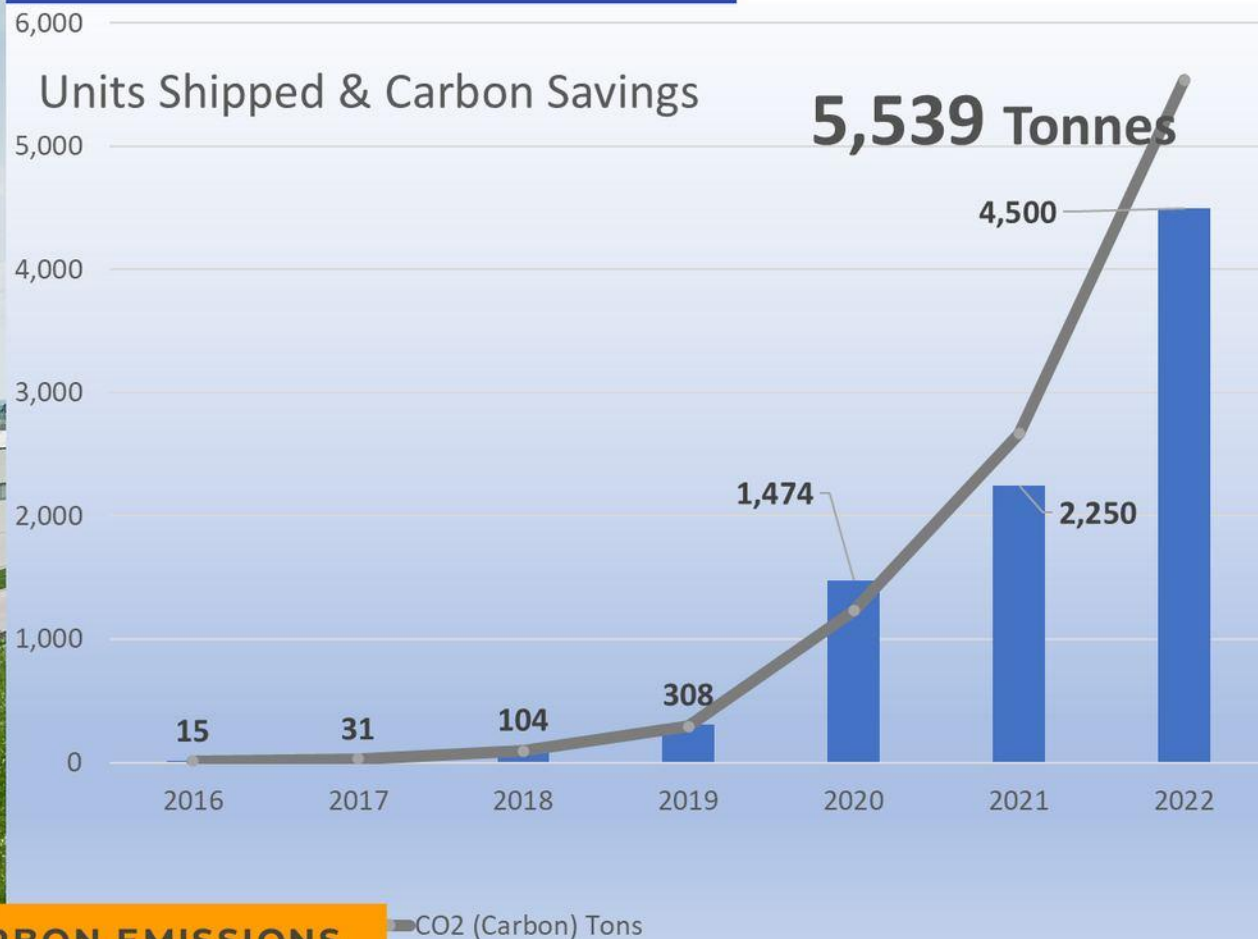
- **NO GEARS**

Keep your machinery running





Efficiency



REDUCE PRODUCTION COSTS & CARBON EMISSIONS

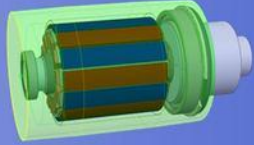
Mag-Drive PRODUCTS

**CUSTOM DESIGNED TO
FIT YOUR NEEDS**



POWERED HUBS

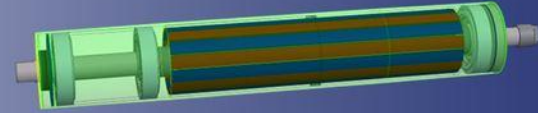
Mounted on one side, Balcony / Cantilevered design.



POWERED PULLEYS

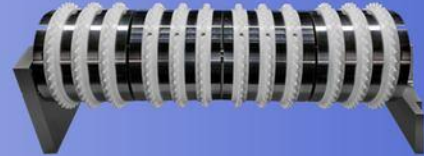
Supported on both ends.

- Used in wider and higher torque applications.



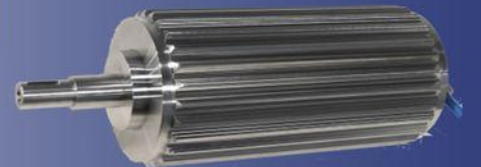
POWERED MULTI-DRIVES

Multiple independently controlled outer faces on the same supporting axis.



POWERED SHAFT

Active and Stationary Shells

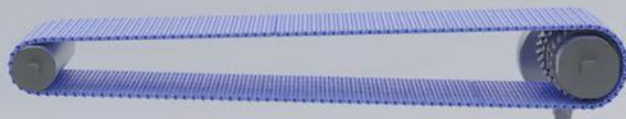


Build A Drive

1. CUSTOM-DESIGNED TO FIT YOUR NEEDS.

2. 2 Week Delivery

 **ONE MOTION**



1. Select Diameter

1. 58 mm (2.28")
2. 81 mm (3.18")
3. 120 mm (4.72")
4. 135 mm (5.31")
5. 165 mm (6.5")
6. 215 mm (8.46")

2. Face Width

1. 425 mm (12")
2. 495 mm (14")
3. 566 mm (16")
4. 637 mm (18")
5. 708 mm (20")
6. 778 mm (22")
7. 849 mm (24")

3. Belt Type

1. Intralox
2. Volta
3. Habiset
4. Wire Belt
5. Rexnord
6. Uni
7. Gear Belt

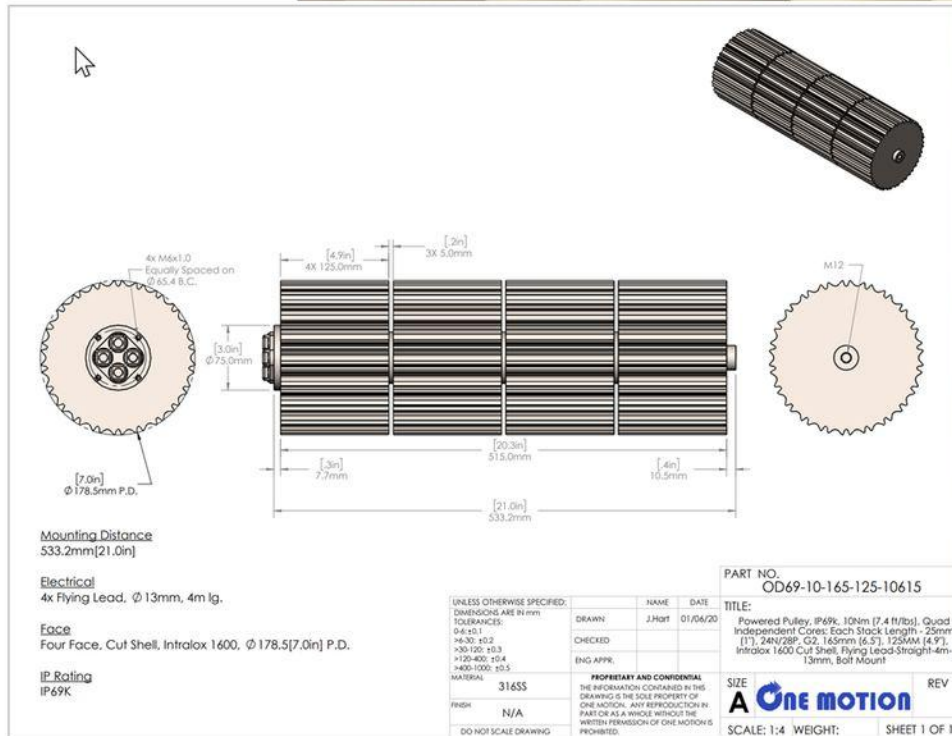
4. Electrical

1. Junction Box
2. Connection Box
3. Flying Lead



Multi-Drive Application

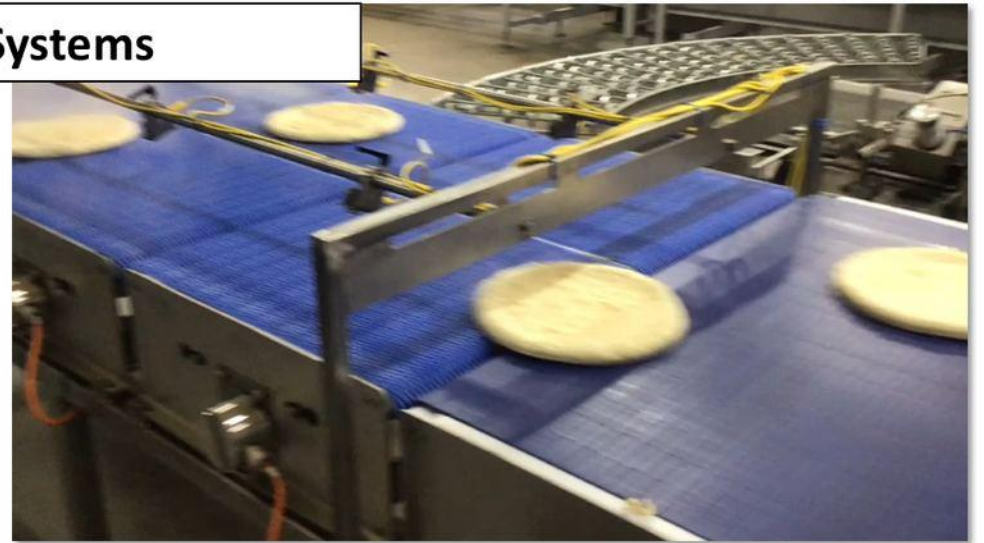
- Four 4.9" Wide Belts
- Independent Belt Control
- Product Counting.
- Intralox Series 1600 Cut Shell

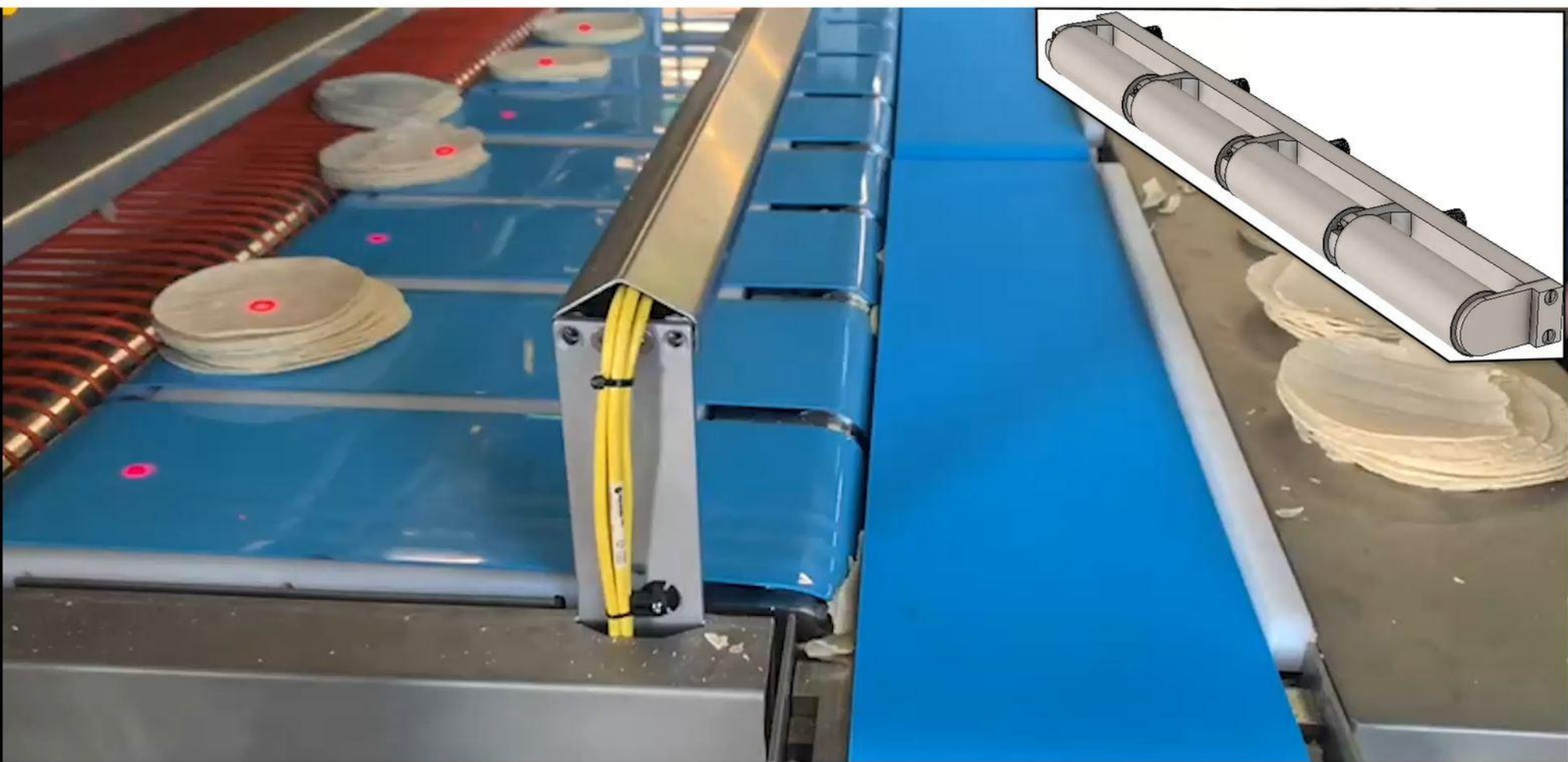


Merge Systems

PRODUCT MERGING SYSTEM

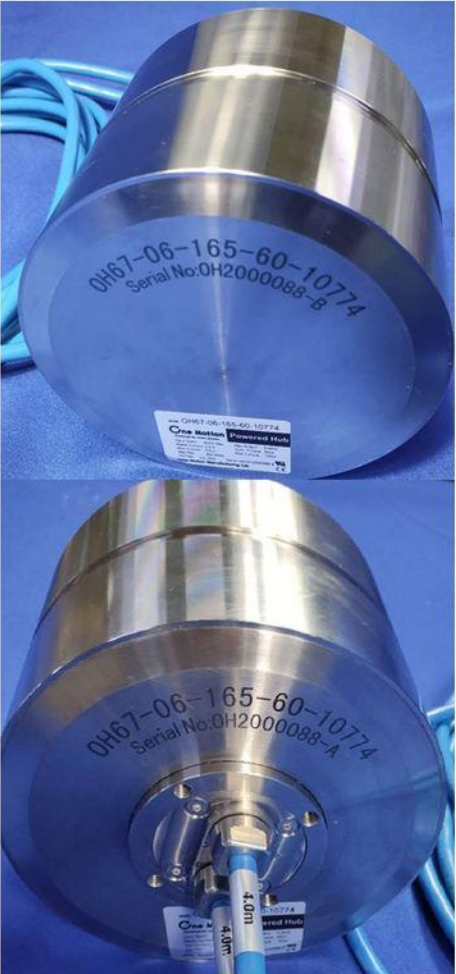
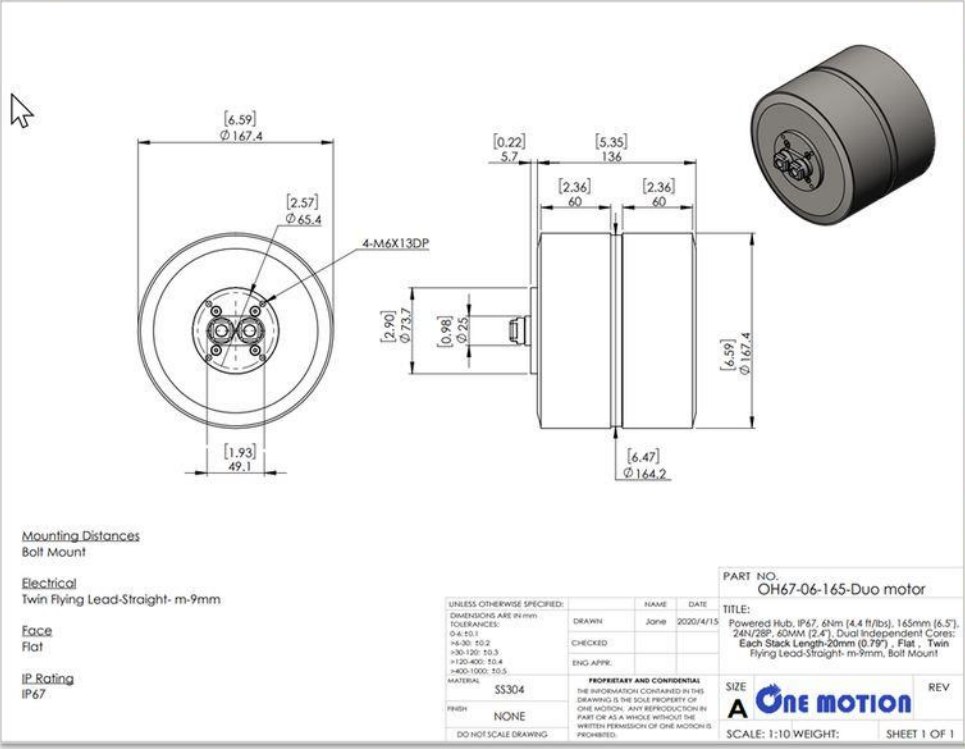
PRESENTED BY ONE MOTION





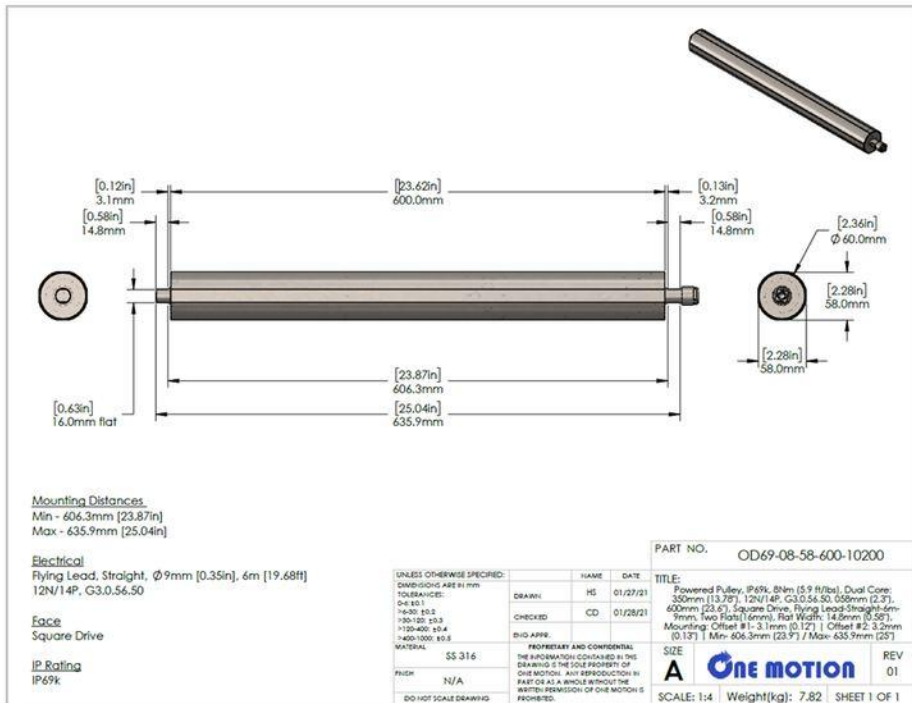
Multi-Drive Application

- Two 2.0" Wide Belts
- Independent Belt Control
- Angle (Skew) Correction on each product.



Indexing/Grouping Application

- Two 58mm Powered Pulleys
- Indexing & Grouping Product
- VFD Controlled



Smart Infeed



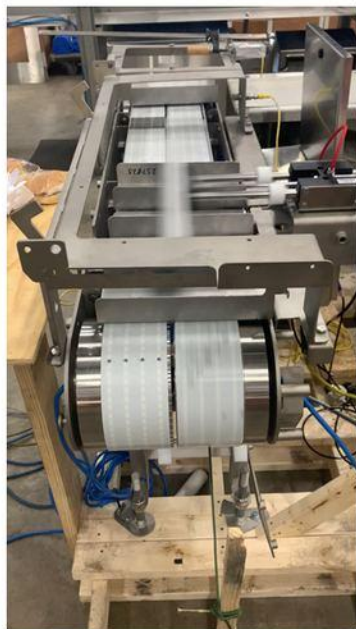
Four Smart Belt Feeding

- 16 Powered Hubs in a Powered Assembly.
- 180 PPM, 90 PPM Tops and Bottoms



Full Servo Control

Full Servo Control



45mm (1.78")

 **One motion**



Private Label – iDrive2

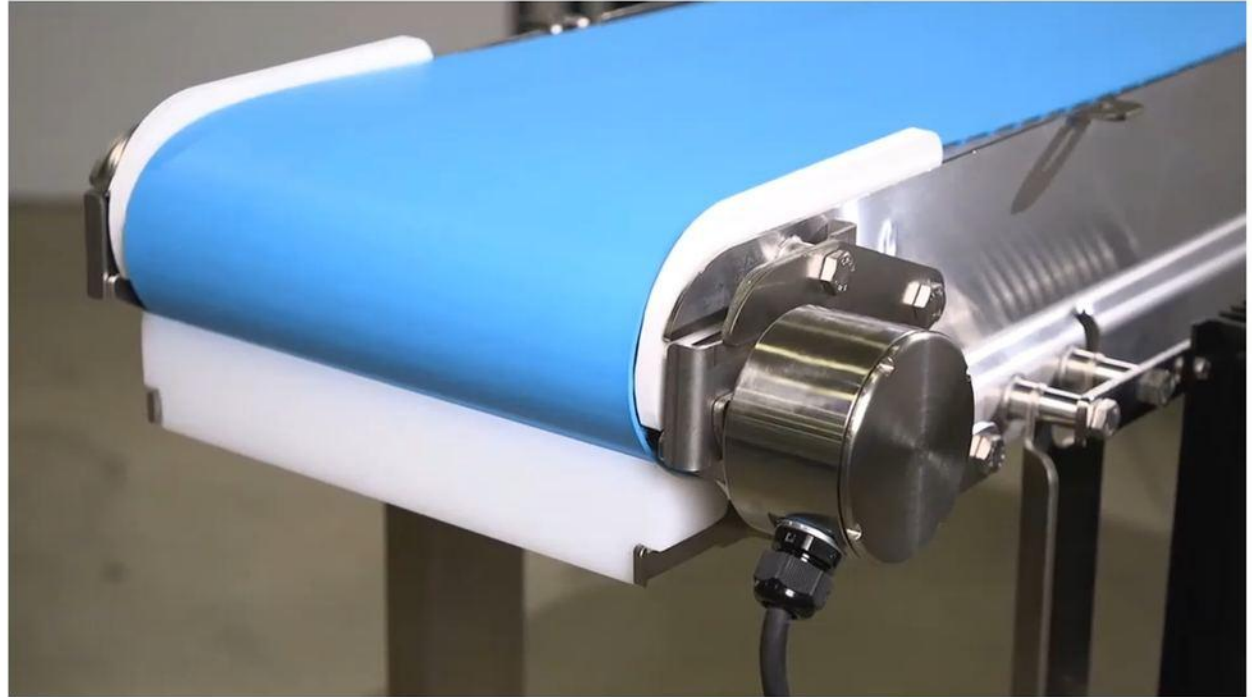
- Lagged
- Cut Shell
- Sprockets



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- Embedding Motion into working device
- Final Mover
- Design for Life
- Removal of 12 bearings for every motor / gearbox replacement.