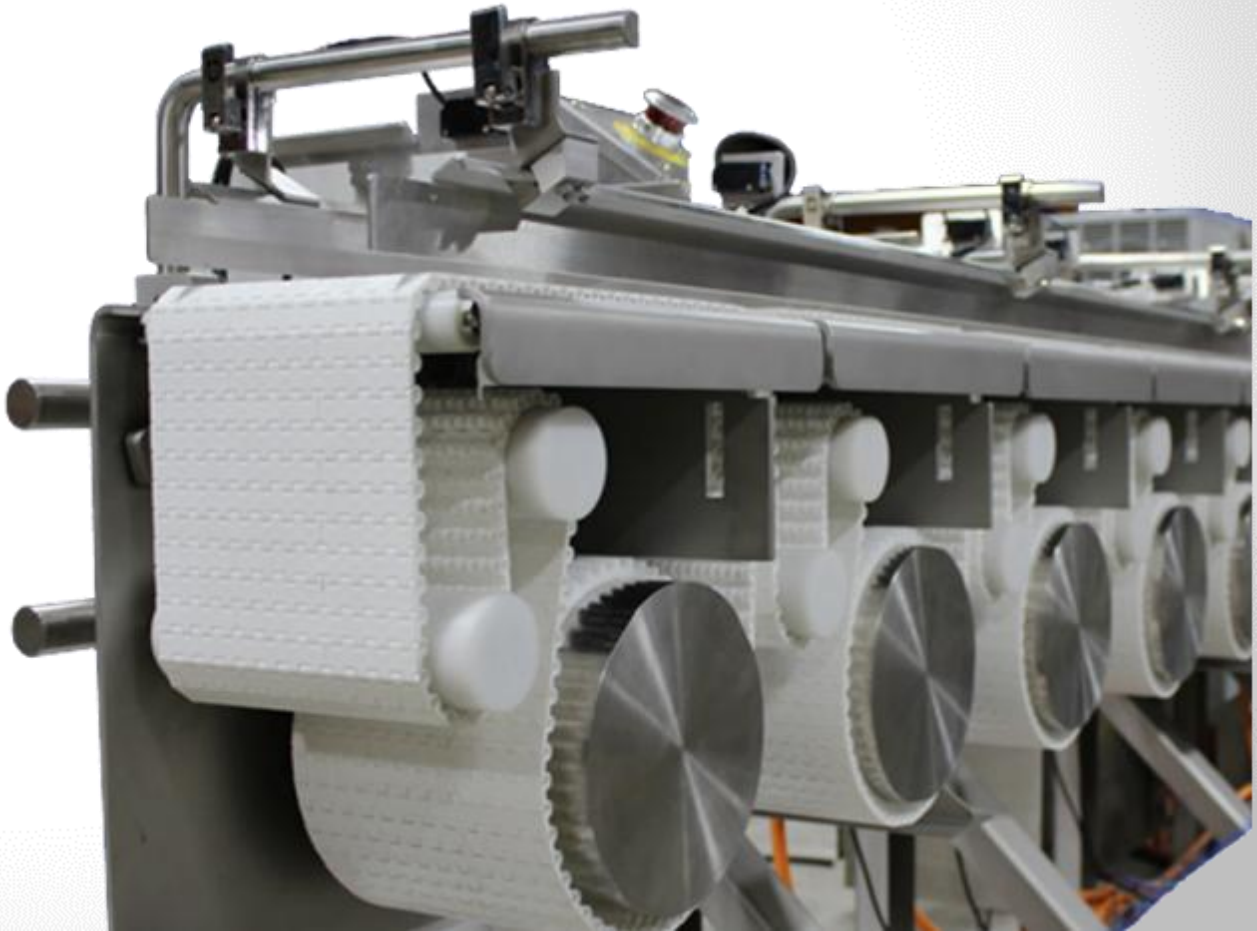
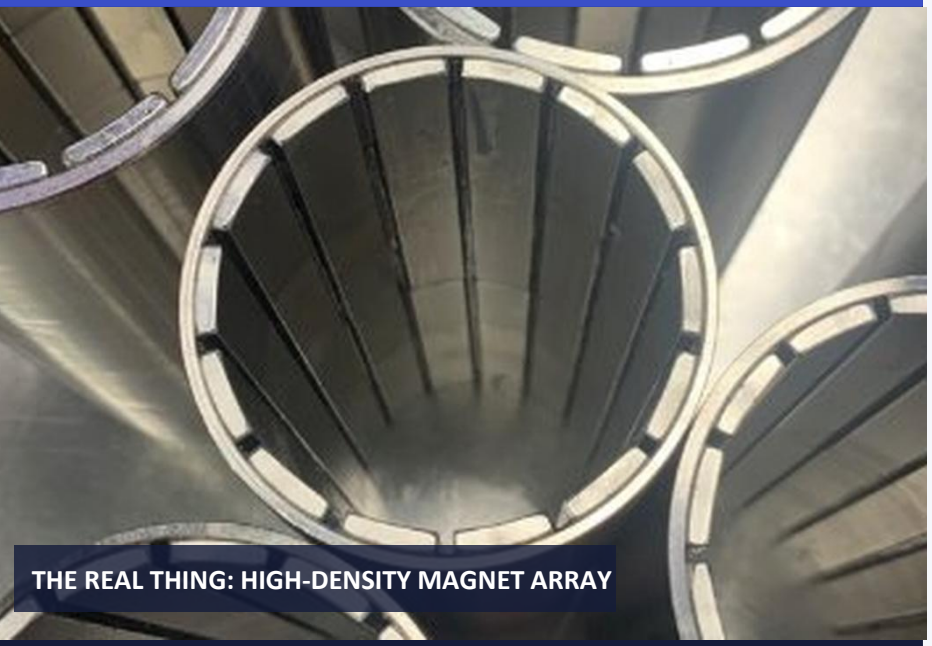
ONE MOTION

Direct Drive Rotary Motion (DDRM)





THE REAL THING: HIGH-DENSITY MAGNET ARRAY

No gearbox · No oil · No gear train
Torque delivered directly at the pulley, hub, or shaft

ONE MOTION | OUR TECHNOLOGY

Direct Drive Rotary Motion (DDRM)

Our Technology

One Motion is built on DDRM, a high pole-count, permanent-magnet outer-runner that puts torque directly at the pulley, hub, or shaft.

Outer-Runner Architecture: Torque Starts with Geometry

Because a dense magnet array rides the inner face of a large-diameter rotor, the motor makes gearmotor-class torque at low speed without a gearbox, no oil, no gear train.

Proven Results

A sealed, IP69K-native drive with fewer parts to fail and lower energy draw than conventional AC motor-and-gearbox systems. Engineered for hygienic food manufacturing, where reliability and washdown survivability decide everything.

~20,000
units shipped since 2014

IP69K
native washdown sealing

Zero
gearbox, oil, or gear train

RELIABILITY

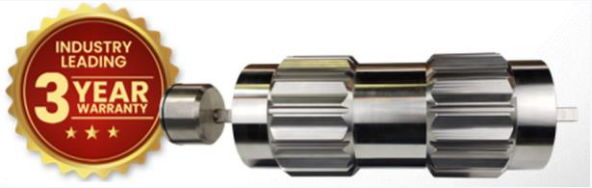
PROVEN IN THE FIELD | POULTRY WASHDOWN

Five Years Where Motors Last One

Field data from the largest poultry producer, in continuous two-shift production and nightly caustic washdown since early 2020.

42	990	5 yrs	1,825
production plants	DDRM units in service	average service life	washdown cycles survived

- ~10% annual replacement vs. ~100% for AC motor + gearbox
- No gearbox, no oil, fewest rotating parts: fewer things to fail
- Swapped, not rebuilt: no return-to-OEM cycle like drum motors



Backed by a 3-year warranty

WE SOLVED THERMAL BREATHING

In an RTE plant, you can warm your hands on a stainless TENV AC motor. That heat is wasted energy, and when the motor cools during washdown it pulls moisture past its seals. DDRM is designed for no more than a 50 °F rise at full load, so it never breathes in water.

EFFICIENCY

REDUCE PRODUCTION COST & CARBON.

TWO KIND OF EFFICIENCY | ONE RESULT

Efficient Motor. Right-Sized System.

1 IE5 ULTRA-PREMIUM MOTOR

The highest efficiency class defined by the IEC (TS 60034-30-2).

- ~20% lower losses than IE4, up to ~40% lower than IE3
- Permanent magnet: no rotor losses, no magnetizing current
- Zero idle energy when the line is waiting

2 RIGHT-SIZED TO THE LOAD

The industry sizes by catalog. We size by the force the belt actually needs.

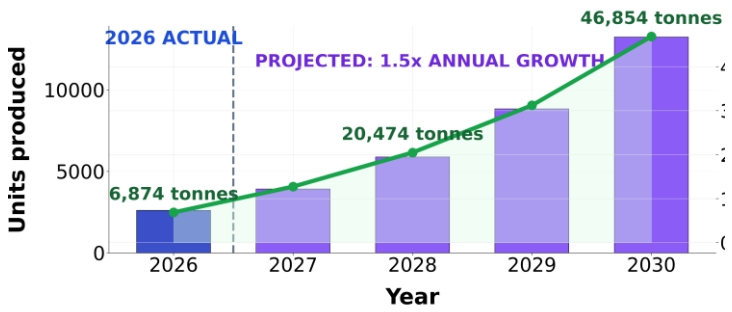
- Conventional drives are oversized 30–50%
- DOE: motors peak near 75% load, drop sharply below 50%
- No gearbox, so no stacked gear losses

3 MAKE THE FIRST MOVE

Start with one One Motion DDRM application.

- Reduce recurring AC-motor downtime
- Improve production reliability
- Lower energy use and carbon emissions

BUILD NET ZERO INTO EVERY DRIVE YOU REPLACE.



50 W JOB. 750 W MOTOR?

An oversized motor pays its fixed losses all day while doing little work. That waste becomes heat. DDRM delivers the torque the load needs, so it runs within a 50 °F rise.

PERFORMANCE

THREE MOTIONS. ONE DRIVE.

ONE DRIVE REPLACES THREE TYPES OF MOTION

Three Motions in One

Every product runs all three. We showcase servo because it is the hardest.

1 CONTINUOUS

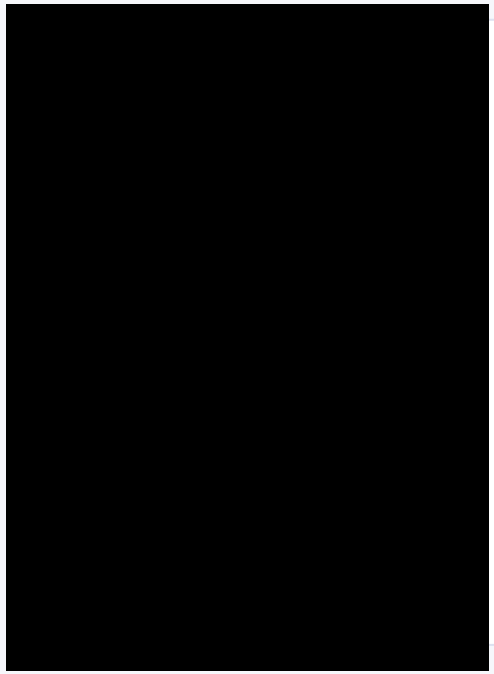
Replaces standard AC motors and drum motors

2 START / STOP

Replaces clutch-brake units

3 SERVO

Replaces servo motors, without the encoder



SPOTLIGHT: SENSORLESS SERVO

- Position estimated from motor saliency (Ld/Lq), not external feedback
- High pole count suits high-resolution position estimation
- Holds position with full holding torque at standstill
- No encoder, cables, or feedback hardware to fail in washdown

±3 arc-minutes position hold accuracy

HYGIENIC

IP69K WASHDOWN

FOOD SAFETY BY DESIGN

CERTIFICATIONS | STANDARDS | DESIGN

If It Doesn't Exist, It's Easy to Clean

No gearbox, no oil, no sprockets. Fewer seams, fewer places for bacteria to hide.

IP69K CERTIFIED	Native washdown rating: 80 °C water at 80–100 bar, every angle. No added covers.
3-A Sanitary COMPLIES	Complies with 3-A Sanitary Standards design requirements. 3-A symbol TPV is the final step.
USDA COMPLIES	Complies with all USDA hygienic design requirements.
EHEDG ALIGNED	Designed according to EHEDG principles and use EHEDG-compliant components.

THE DESIGN IS WHAT MAKES IT BETTER

Through-Shaft Powered Pulley: shaft runs all the way through, so seals never see torsional load.

Drum Motors & AC Gearmotors

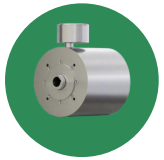
- ✕ Gears housed inside: complex
- ✕ Most need oil: leak and contamination path
- ✕ Plastic "oil-free" gears still need a gear housing

One Motion DDRM

- ✓ No gears, no gear housing
- ✓ 100% oil-free by design
- ✓ Cut shell: no sprockets to trap debris

THREE WAYS TO BUY ONE MOTION DDRM

Two standard product lines that drop in where your current drives sit, and one custom line built around your process.



SideDrive™

Motor & Gearbox Replacement

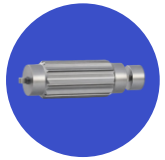
STANDARD • IN STOCK

Our standard offering, in a traditional format: shaft-driven and mounts like a motor.

REPLACES

- ✔ AC induction motor + gearbox
- ✔ Clutch-brake
- ✔ Servo motor

Made to inventory. Readily available.



PulleyDrive™

Drum Motor Replacement

STANDARD

The same standard approach as SideDrive, built as a pulley-style drive.

REPLACES

- ✔ Conventional drum motors

DIAMETERS

58 mm	81 mm	120 mm	135 mm	165 mm
2.28"	3.19"	4.72"	5.31"	6.50"

WIDTHS

305 mm (12") to 610 mm (24")
in 50 mm (2") increments

Drops in where the drum motor sits today.

MagDrive™

Custom, Process-Specific

CUSTOM

Designed specifically for a customer's process.

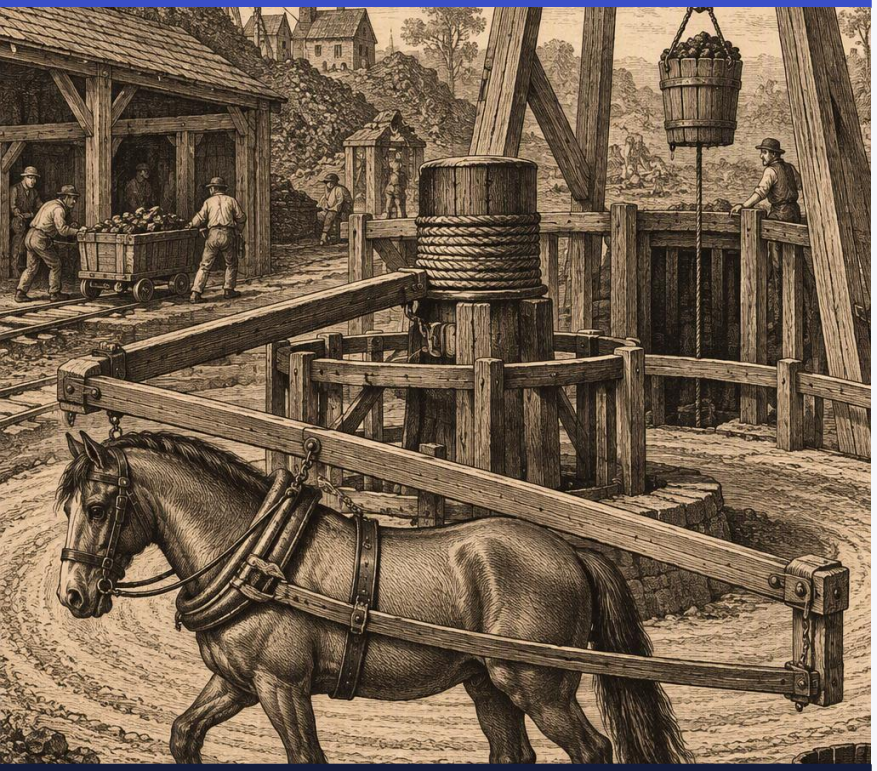
PRODUCTS INCLUDE

- ✔ MultiDrives
- ✔ Powered Assemblies
- ✔ Powered Hubs
- ✔ Powered Pulleys
- ✔ Powered Shafts

Engineered around the application.

Same DDRM core in all three: gearless, oil-free, IP69K, with continuous, start/stop, and servo motion in one drive.

HORSEPOWER



1 horse, 1 mine shaft, 1780s
How Watt sold steam engines

WHY 1 HP IS EVERYWHERE

Washdown AC motors last ~1 year, so plants stock one spare: 1 HP (½ HP min). The gearbox becomes a speed reducer, not a torque multiplier.

How Watt Measured a Horse

A pit pony winding a rope drum lifted about 220 lb of coal up 100 ft a minute, over a four-hour shift.

220 lb × 100 ft per min
22,000 ft-lb/min (pony)

× 1.5 for a horse
33,000 ft-lb/min

1 Horsepower
550 ft-lb/s = 745.7 W

Horsepower told mine owners how many horses one engine replaced.

TORQUE is a twisting force about an axis. $\tau = F \times r$ (force × lever arm). Longer lever, more twist.

1 NEWTON-METER

1 N ≈ 0.225 lb (a small apple) **1 Nm = 0.738 ft-lb**

1 FOOT-POUND

1 lb = 4.45 N **1 ft-lb = 1.356 Nm**

Size by Output Torque, Not Input Horsepower

A gearbox trades speed for torque. Remove it, and the spec is torque at speed at the shaft.

1 HP SS TENV MOTOR + 30:1 SS GEARBOX

1,750 rpm
motor input • ~4 Nm

→

58 rpm
gearbox output • ~120 Nm

ONE MOTION SIDEDRIVE

0–300 rpm
direct output • 120 Nm peak

SIDEDRIVE™

ONE PART NUMBER. LESS INVENTORY.

MOTOR & GEARBOX REPLACEMENT | STANDARD • IN STOCK

One Part Number Replaces Any 1 HP Gearmotor up to 30:1

DISPLACES

- AC Motor + Gearbox
- Servo Systems
- Clutch-Brakes

1 HP

Any 1 HP AC motor + gearbox combination, up to 30:1 ratio

Single part number: 12168

½ HP

Any ½ HP AC motor + gearbox combination, up to 30:1 ratio

Hollow bore, 56C mount

SHAFTED

Shafted SideDrive for smaller gearmotor replacements

Shaft output version

DROP-IN MOUNTING

1.25" hollow bore + Standard NEMA 56C face mount

Bolts up where the existing gearmotor sits. No new brackets, no rework.

PULLING POWER

~150 lb continuous pull • **~450 lb** peak • **moves ~430–600 lb** belt + product*

On a standard 4.7" pitch diameter sprocket, with no gearbox in between.

40 Nm	120 Nm	0–300	IP69K
29.5 ft-lb continuous	88.5 ft-lb peak	rpm	oil-free

Specs shown for 1 HP model (OS69-120-215-210-12168). Backed by a 3-year warranty.

PULLEYDRIVE™

THE GEARLESS DRUM MOTOR REPLACEMENT

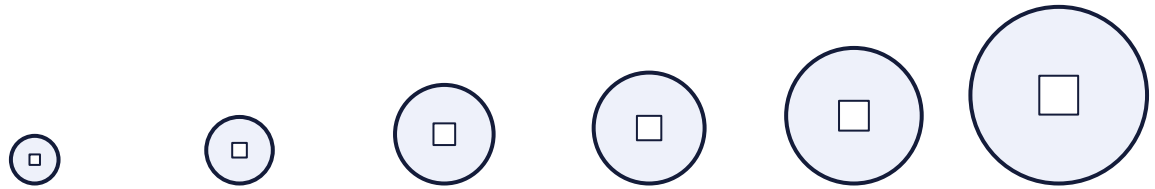
Six Diameters. Seven Face Widths and Ships in Under 10 Days.

The drive is the drum
No gearbox, no oil, no lubricant.

IP69K sealed stainless
Built for daily washdown.

255–610 mm face widths
In 50 mm (2") steps.

SIX DIAMETERS, DRAWN TO SCALE



58 mm	81 mm	120 mm	135 mm	165 mm	215 mm
2.28"	3.19"	4.72"	5.31"	6.50"	8.46"
31–85 N	**62–254 N**	**93–307 N**	**147–569 N**	**245–623 N**	**494–1,312 N**
7–19 lb	14–57 lb	21–69 lb	33–128 lb	55–140 lb	111–295 lb

Belt pull range per diameter

BUILT FOR YOUR BELT

BELTS

Intralox Series 400, 560, 800, 800HDE, 900, 1100, 1400, 1500, 1600, 2400; ThermoDrive 8026, 8050, 8140

Volta SuperDrive, Dual Drive, Mini DualDrive

Habasit M5060, M1200, M0800, M0870, M2500, M5000

Uni M-TTB, SMPBCS, LF821, Flex ASB

Lumsden Wiremation Traxx-Rite TR42-36-17

- *Even if it's not on the list, we've likely done it before.*

SHELLS

- Cut shells, machined to your belt
- Square Drive for sprockets
- Crowned for flat-belt tracking
- Flat or rubber-lagged

CONNECTIONS

- Flying lead, 2–10 m cable
- Sealed IP69K junction box
- Repairable connector box, cable replaced on the line

< 10 DAYS

READY TO SHIP
Configure online for the exact part number, 3D model and VFD parameters. Delivered in less than 10 days.

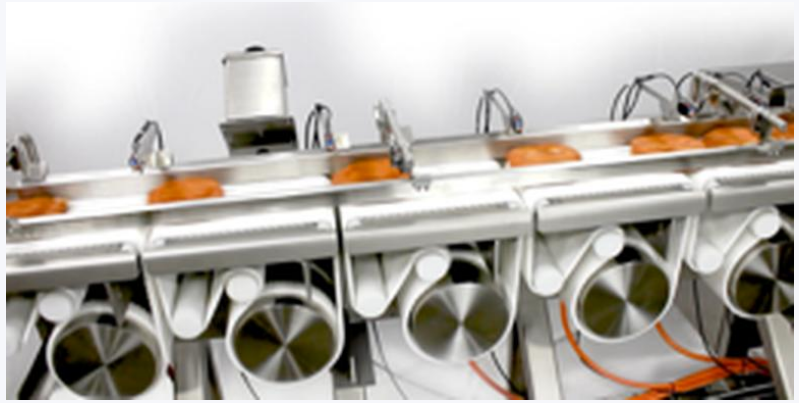
THE DRIVE IS THE DRUM.

Belt names are trademarks of their owners. Not every belt or connection is built at every size.

MAGDRIVE™

THE CORNERSTONE OF EVERYTHING WE BUILD

Custom Designed to Fit Your Needs.



WHERE OUR PRODUCTS START

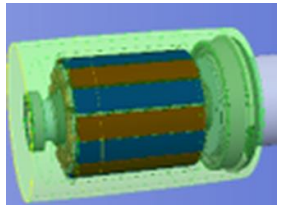
MAGDRIVE DESIGNS

- SIDEDRIVE
- PULLEYDRIVE

SideDrive and PulleyDrive were built from MagDrive designs.

ONLY FROM ONE MOTION

POWERED HUBS

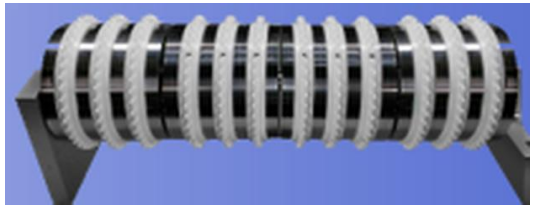


27

hubs in our largest array

- **Cantilevered / balcony:** endless belts slide off for cleaning
- **Powered side belts:** belts on edge gently push fragile product
- **Powered arrays:** many belts in close proximity

MULTIDRIVE

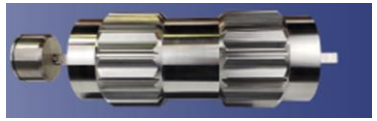


4

independent faces on one axis

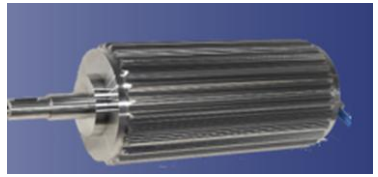
- **Up to four belts,** each with its own speed
- **One supporting axis** for a compact footprint
- **Built for tight spacing** where belts sit side by side

BUILT TO ORDER FOR OEMs



POWERED PULLEYS

Supported on both ends for wider, higher-torque belts.



POWERED SHAFTS

Active and stationary shells, designed to the OEM's machine.

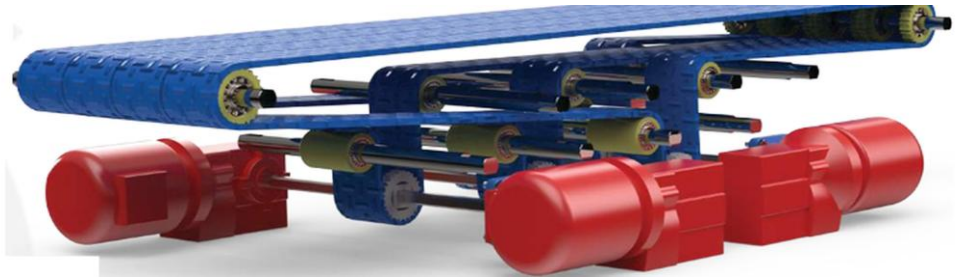
ONE CORE. EVERY DRIVE.

Each MagDrive component is covered in the application slides that follow.

MULTIDRIVE™

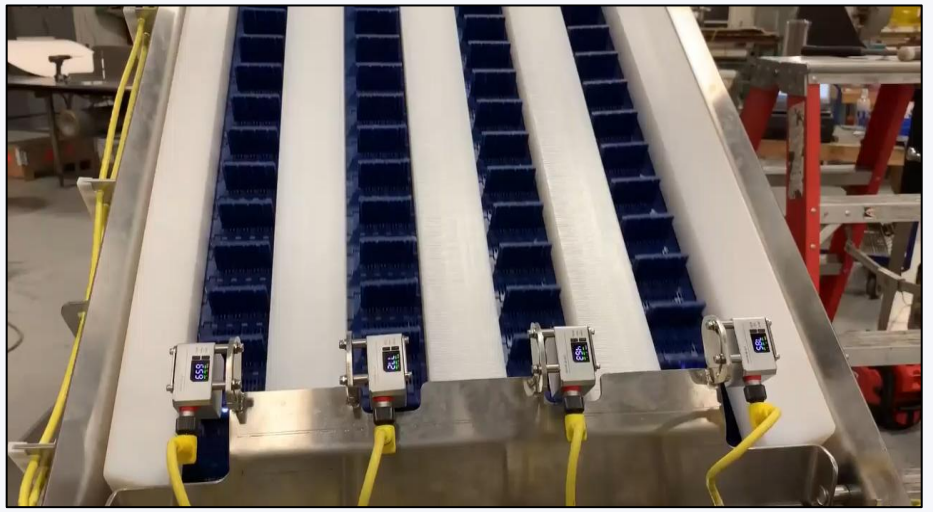
APPLICATION | INDEPENDENT FOUR-BELT SYSTEM

Four Belts. One Shaft. No Gearboxes.



✕ **CONVENTIONAL 4-BELT SYSTEM** Motor + gearbox on every belt

✓ **ONE MOTION MULTIDRIVE™** One shaft, nothing underneath



IN PRODUCTION: four 4.9" belts, Intralox Series 1600 cut shell, product counting on each lane

INDEPENDENT

Each face runs its own speed and direction, even millimeters apart.

HYGIENIC

No exposed motors, gearboxes or couplings to trap product or block cleaning.

COMPACT

2, 3 or 4 belts on one shaft. No drive train buried under the conveyor.

RELIABLE

2–4x fewer bearings and rotating parts. No gear oil.

FOUR BELTS. ONE DRIVE.

PRODUCT MERGE

APPLICATION | MULTIDRIVE + POWERED SIDE BELTS

BAGGED PRODUCT 100 → 200 ppm

FROZEN DOUGH 90 → 180 ppm

FLOW WRAPPED 150 → 300 ppm

2-TO-1 MERGES IN PRODUCTION

✕ **REMOVED**
- Washdown servo motors
- Washdown SS gearboxes
- Servo drives and cabling

✓ **REPLACED WITH**
- MultiDrive
- Powered hubs in side belts
- Conventional VFDs

WHY TIMING MATTERS Precise spacing between pieces lets the next process, stacking, merging or collating, run at higher throughput.

PLC FRAMEWORK CODE

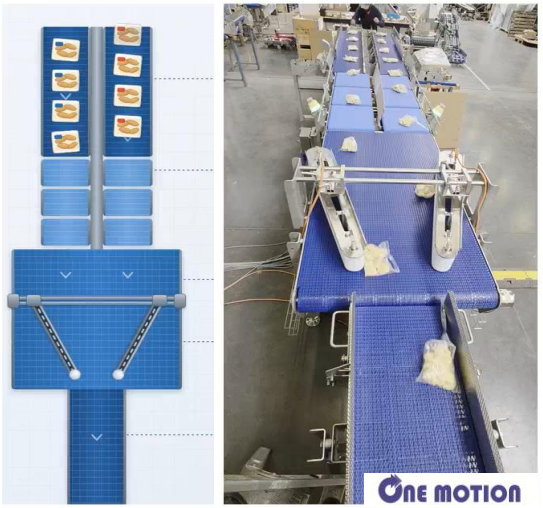
Provided by One Motion. Times multiple product streams into one stream with precise spacing, at 300+ ppm.

BETTER ROI

Removing washdown servos and gearboxes lowers system cost, so more lines justify automation.

GUS AI AGENT

Guided User Support trains your team to design and implement these systems.



SIMULATION → **RESULT**

SERVO PERFORMANCE. VFD SIMPLICITY.

Merge rates from One Motion installations.

INFEED SYSTEMS

APPLICATION | DDRM FOR OEM INFEED SYSTEMS

20 Years of Infeed Know-How, Built Into Your Machine

After 20 years of building infeed and flow wrapping systems, One Motion supplies DDRM to any OEM building infeed and product-spacing systems, **with programming support at no additional cost.**

20 YRS
infeed & flow wrapping

$0
added cost for programming

HOW WE BUILD IT WITH YOU

1 YOU TELL US

- Product type and dimensions
- Input rate and exit throughput
- Minimum gap between products
- Singulation, stacking of 2 or 3, or grouping

2 WE RECOMMEND

- How many belts you need
- Length of each belt
- One Motion powered hubs
- Nose roller type
- Belt type

3 WE DESIGN & PROGRAM

- Support through the design phase
- Common PLC code, no black-box software
- Written in Rockwell Allen-Bradley
- Portable to any PLC brand

4 YOU BUILD & RUN

- Your machine, your brand
- Photo-eyes track real product position
- Servo-like spacing, no servo motors
- IP69K washdown safe

WHAT THE INFEED DOES

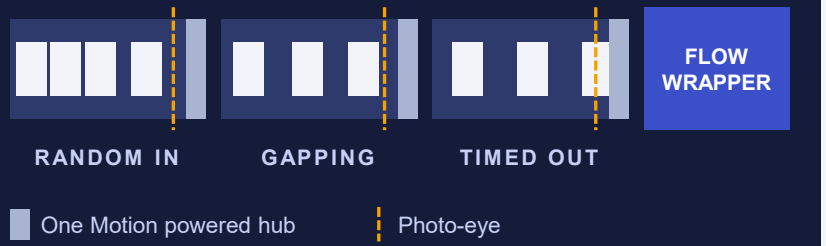
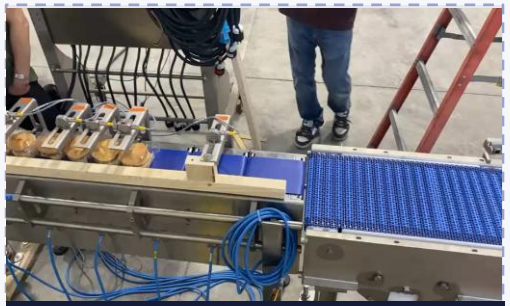


Photo-eyes measure where each product really is. Each hub speeds up or slows down to set the gap, with open-loop synchronous motion and no servo motors or controllers.

PROJECT VIDEOS | SINGULATION TO GROUPING

SINGULATION



STACKING (2 OR 3)

GROUPING

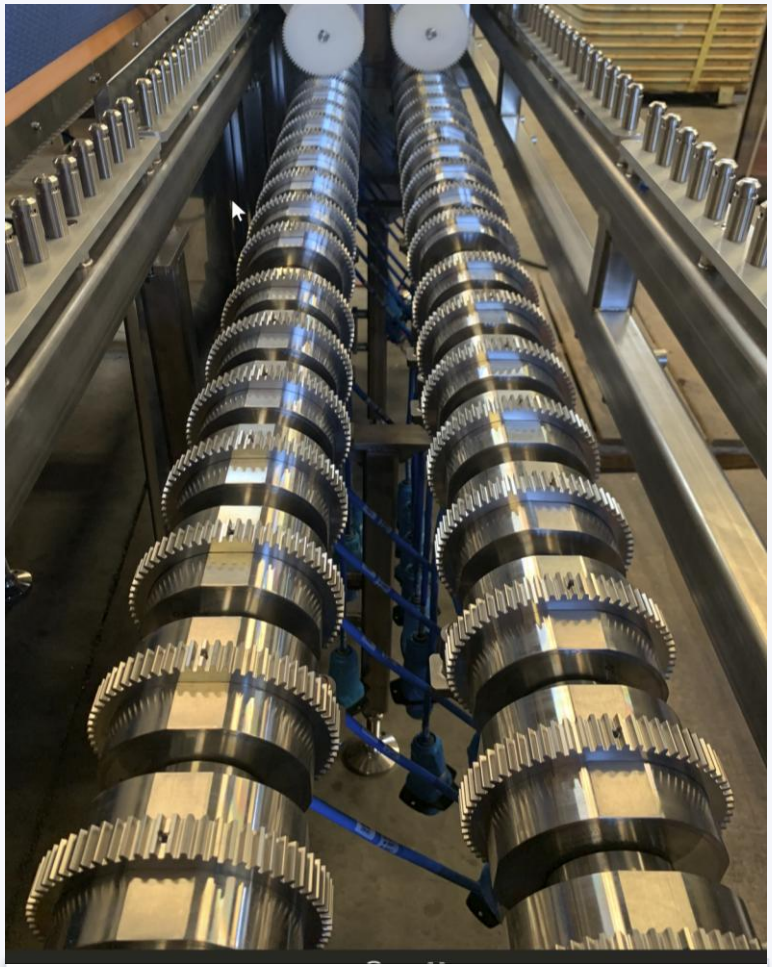
YOUR INFEED. OUR EXPERTISE.

We do not sell software. We help you configure, program and design the system.

POWERED ASSEMBLIES

APPLICATION | POWERED HUBS ON ONE STRUCTURE

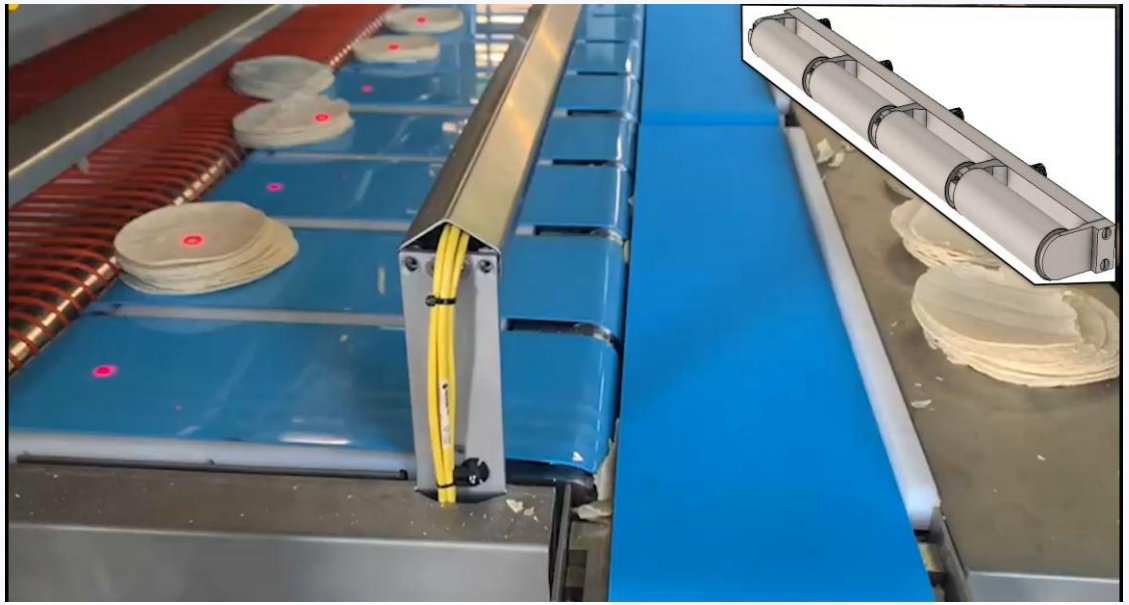
MANY HUBS. ONE STRUCTURE



27 × 2 → **54** lanes

ONE HUB PER LANE. INDEPENDENT MOTION.

LANE MERGE 14 → 2 lanes



Eight Lane Smart System

INDEPENDENT LANES

Each Powered Hub mounts to a common structure spanning the conveyor system, allowing multiple conveyors to be powered from one integrated assembly.

Independently controlled by its own VFD, allowing each conveyor to run at its own speed and respond independently to the process.

SCALES WITH APPLICATION

From 4 to 8, 14, even 27 Powered Hubs on a single structure.

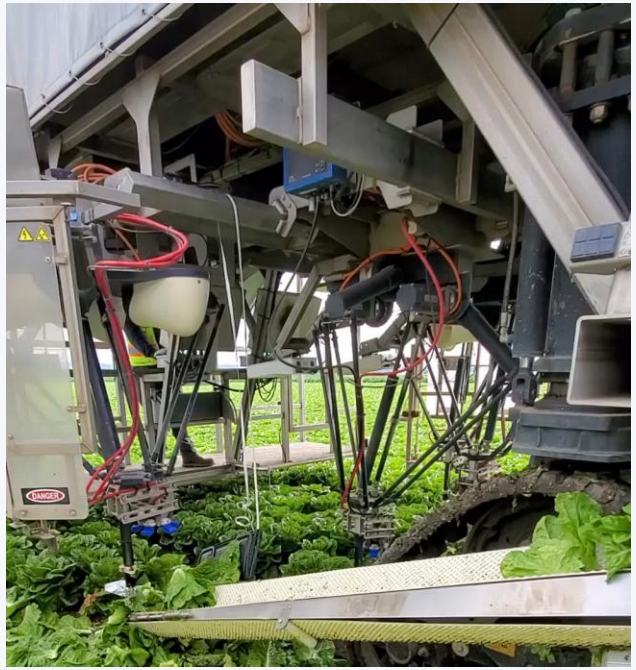
The architecture scales with the machine. The practical limit is your imagination.

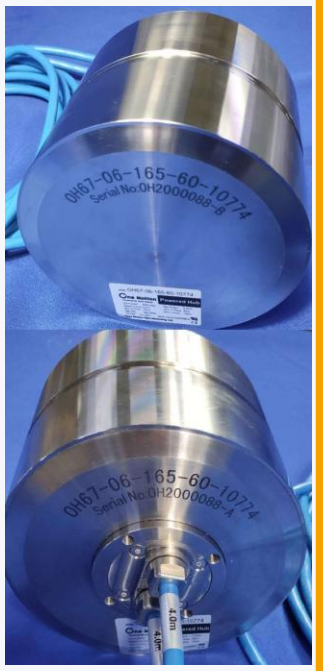
HOW IT WORKS

Multiple One Motion powered hubs mount on one structure. Each hub drives its own belt, so every lane is timed, indexed or merged on its own.

MULTIDRIVE™

APPLICATION | SMART LANE CONTROL





3 Lanes. 4 MultiDrives. One Perfectly Timed Pack.

Three lanes of product pass through **four MultiDrives in succession**, progressively timing each piece so all three arrive together at the bagger. 3 Lanes. 4 MultiDrives. One Perfectly Timed Pack.

At 50 packs per minute and 3 pieces per pack, a synchronized group must be delivered every 1.2 seconds onto the inverted film. Four stages of independent control. Three products. One precisely timed arrival.

SKEW CORRECTION

MultiDrive in a powered-hub configuration independently controls each side of the conveyor.

The product's angle is measured on entry, and the two belts run at calculated differential speeds to rotate the product about its centerline, correcting the skew so it is placed squarely onto the card.

HOW IT WORKS

SMART BELT CONTROL

Direct drive changes what a conveyor belt can do.

One Motion develops PLC framework code that turns independently controlled belts into intelligent product-handling zones.

Using product position as an input, the belts speed up or slow down to:

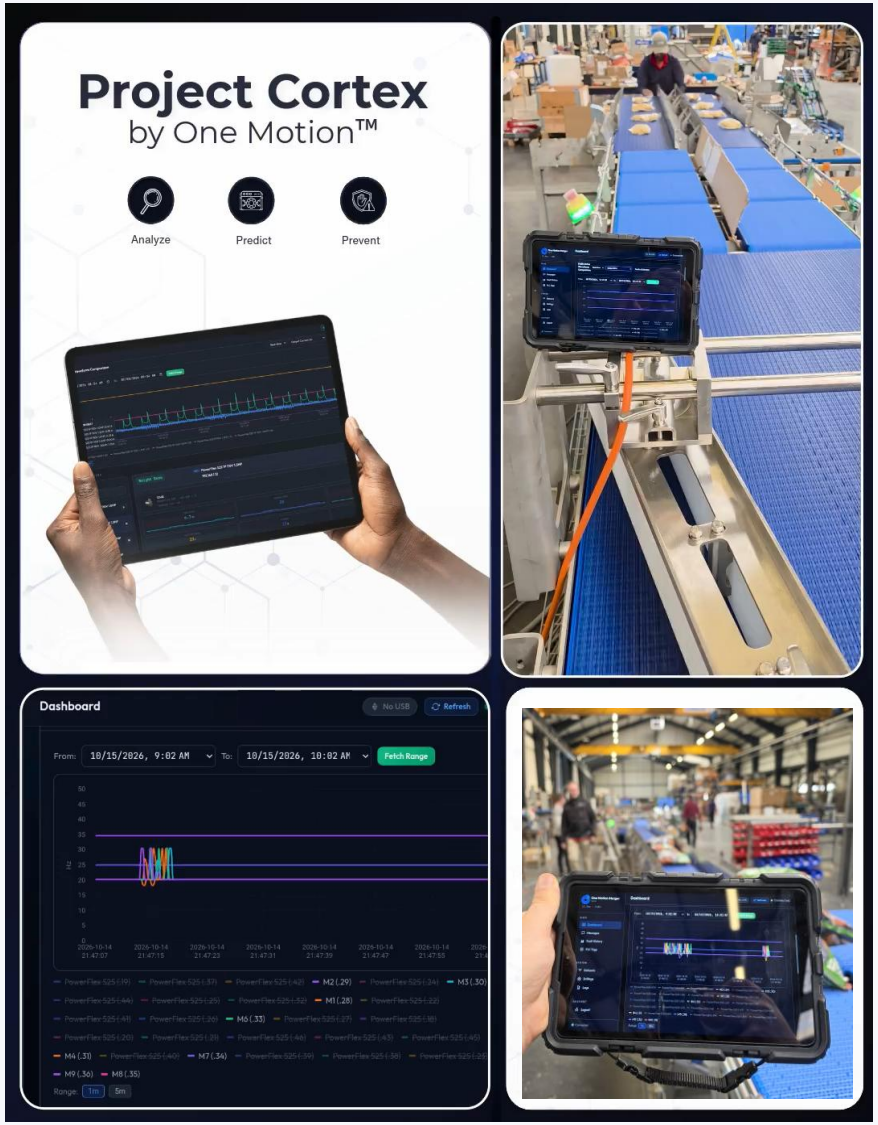
- Time products to the next process
- Space products to the required pitch
- Merge multiple product streams
- Align products across lanes
- Correct skew
- Group products

The framework handles the motion strategy while allowing the machine builder to integrate it into the overall machine controls.

MultiLane Smart Lane Control.

PROJECT CORTEX™

RUNS ON THE HARDWARE BESIDES YOUR DRIVE

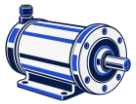


HOW CORTEX CONNECTS

From One Motion Direct-Drive feedback to live data in four steps, entirely on the plant floor.

CLOSED LOCAL NETWORK | ON-SITE ONLY

1



ONE MOTION
SideDrive™, PulleyDrive™, MagDrive™

MOTOR CABLE
Standard motor UVW wiring to the drive

2

STANDARD VFD
e.g. Allen-Bradley PowerFlex 525

ETHERNET
Drive data read directly from the VFD

3

MOXA EDGE COMPUTER
Collects drive data on-site

LOCAL HOTSPOT OR ETHERNET
Edge computer feeds Cortex software

4

CORTEX SOFTWARE
Live data on a laptop or tablet

DATA STAYS ON-SITE
Nothing leaves the plant

NO INTERNET
No cloud or outside connection

NO PLANT IT NETWORK
Stays off the corporate network

PLUG IN AND RUN
Standard VFD, no custom controls

MOTION YOU CAN MEASURE.

DDRM™ ROBOT

HYGIENIC DIRECT-DRIVE ROBOT | FOOD • PACKAGING

No Gears. No Backlash. Just Reliability.

BUILT FOR

- Meat & Poultry
- Bakery & Dairy
- Packaging

DIRECT

Permanent-magnet DDRM in each arm. No gears, no oil-filled transmission.

Powered by One Motion DDRM

PRECISE

High torsional stiffness: faster settling, sharper moves, precise placement.

Zero backlash

WASHDOWN

316 stainless steel, IP69K. Hose it down at the end of every shift.

No gears, no oil

WHY DIRECT DRIVE

Gearbox removed + Torque delivered straight to the payload

Less friction and heat, so more power goes directly into the payload.

SPEED & PAYLOAD

200 picks per minute • **60 lb (27 kg)** peak load • **120 Nm** per arm

Carbon fiber arms on a 316 stainless frame, built for food and packaging lines.

120 Nm	200	60 lb	IP69K
peak torque per arm	picks per minute	peak load (27 kg)	316 stainless

NO GEARS. NO BACKLASH.

GUS™ | PHYSICAL AI

THE MOTOR LISTENS. GUS LEARNS.

GUIDED USER SUPPORT | PHYSICAL AI FOR FOOD

Intelligence Built on Motion That Lasts.

HOW PHYSICAL AI WORKS ON YOUR LINE

1 DDRM LISTENS

No gearbox or power train. The drive feels the conveyor's true behavior in real time.

2 CORTEX DETECTS

Current signatures set a baseline and flag deviations in load, process or mechanics.

3 GUS GUIDES

Our AI application engineer turns 12 years of know-how into answers, 24/7.

WHAT GUS DOES TODAY

- **Size** conveyor applications and select the motor
- **Generate** VFD parameters for 10 drive brands
- **Diagnose** fault codes and troubleshoot on the line
- **Deliver** spec sheets, drawings and drum-motor replacements
- **Design** Smart Belt infeeds, spirals and screw feeders

EVERY ANSWER HAS A SOURCE

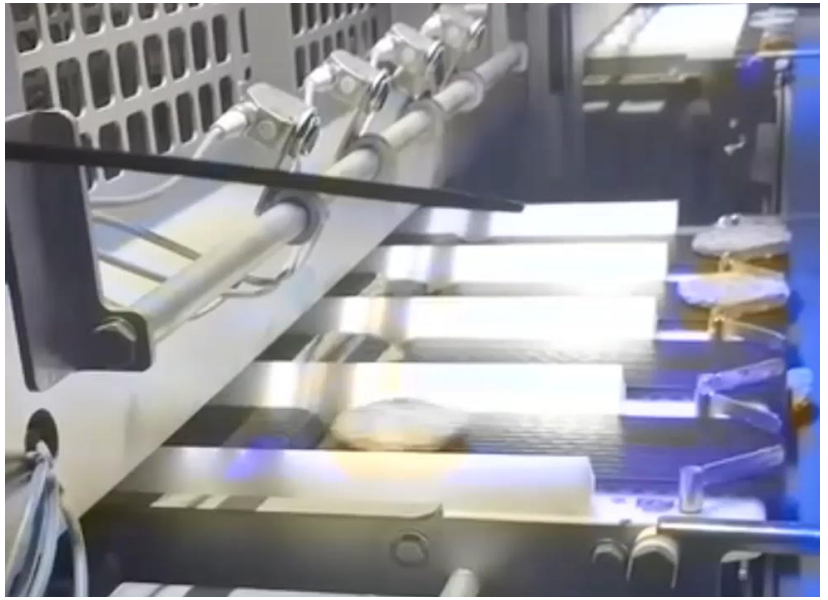
- **698 motors** with factory-measured data
- **Physics-checked:** bad values are never served
- **Computed, not guessed:** real calculators
- **Cited:** One Motion methods + drive manuals

20,000+	12 yrs	698	24/7
DDRM units in the field	food application know-how	motors with measured data	applied engineering support

GUS: Guided User Support, One Motion's AI application engineer. Bring GUS a real layout and test it.

MAGDRIVE™

APPLICATION | ROBOTIC SANDWICH ASSEMBLY



4 Smart Belts. 16 Belts. Robot-Ready Buns.

Four Smart Belt systems, each with four belts, align sliced buns and time them into the robot assembly zone.

No servo drives required. Every belt is powered by a standard VFD.

COMPACT ROBOT CELL

MagDrive eliminates external motors and gearboxes. Powered hubs control multiple belts in tight spaces, putting product closer to the robot.

Shorter robot travel means faster picks and more production.

HOW IT WORKS

SMART BELT CONTROL

No servos. No gearboxes. Just VFDs.

MagDrive powered hubs drive multiple belts from one compact structure. Using product position as an input, the belts:

- Align sliced buns across lanes
- Time buns into the robot zone
- Drive multiple belts per hub
- Fit tight spaces at the robot
- Every belt runs on a standard VFD.

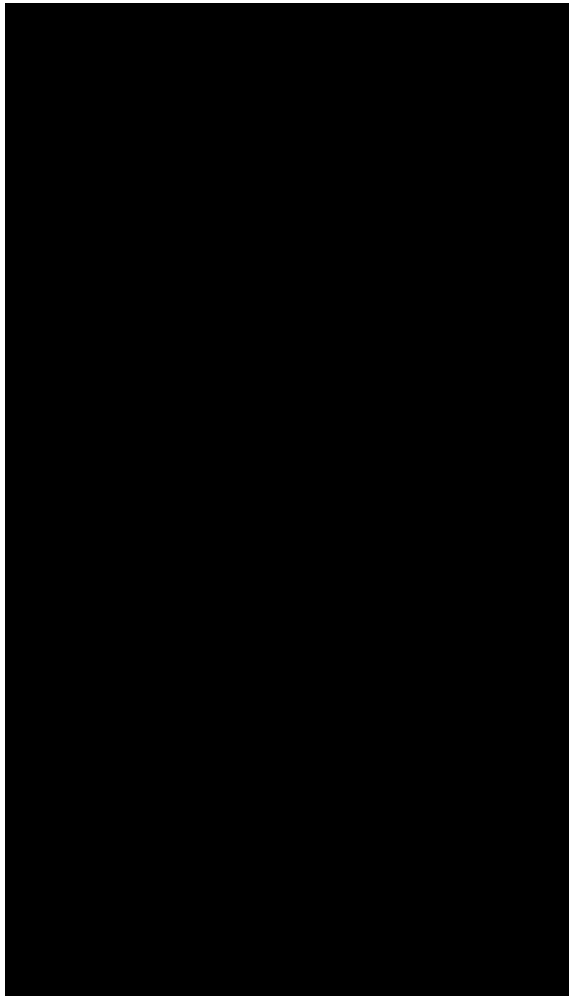
We provide the software framework.

You build your own Smart Belt feeding systems.

Smart Belt Control: aligned, timed, robot-ready product, with no servos and no gearboxes.

MAGDRIVE™

APPLICATION | ROBOTIC PICK ASSIST



ROBOTIC ASSIST

Retimes products into precise patterns for maximum robot efficiency.

Eliminates missed picks caused by variable spacing.

Up to 8 products per minute.

SERVO RESULTS. VFD COST.

Powered entirely by VFDs and One Motion hubs.

Exceptional performance at a fraction of the cost of conventional servo systems.

HOW IT WORKS

SMART BELT CONTROL

Mag-Smart Belt Feeder

Using product position as an input, the belts speed up or slow down to:

- Correct variable spacing
- Retime products into precise patterns
- Present product where the robot expects it
- Every belt runs on a standard VFD.

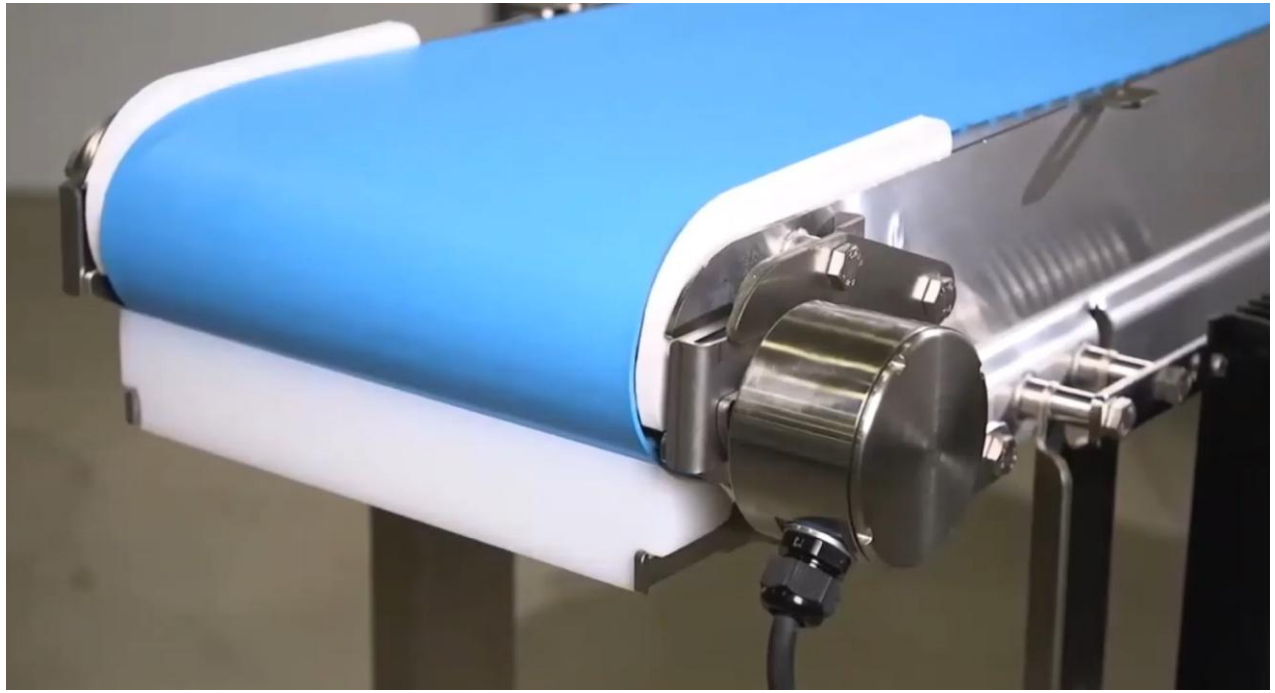
We provide the software framework.

You build your own Smart Belt feeding systems.

Smart Belt Control: retimed, robot-ready product, with no servos and no gearboxes.

PRIVATE LABEL

OEM PARTNER | DORNER AQUAPRUF iDRIVE2



AquaPruf Conveyors

DORNER

AquaPruf

Improving Food Safety with
Hygienically Engineered Stainless Steel Conveyors

TRUSTED BY A MAJOR CONVEYOR OEM

Dorner private labels One Motion direct drive as the iDrive2 on its AquaPruf sanitary conveyor line.

Our technology, built into their brand.

BUILT FOR SANITARY CONVEYING

AquaPruf is Dorner's hygienically engineered stainless steel conveyor line for food safety.

iDrive2 brings direct drive to the end of the conveyor.

HOW IT WORKS

iDRIVE2 BY ONE MOTION

One Motion direct drive, private labeled for Dorner AquaPruf.

Available configurations:

- Lagged
- Cut Shell
- Sprockets

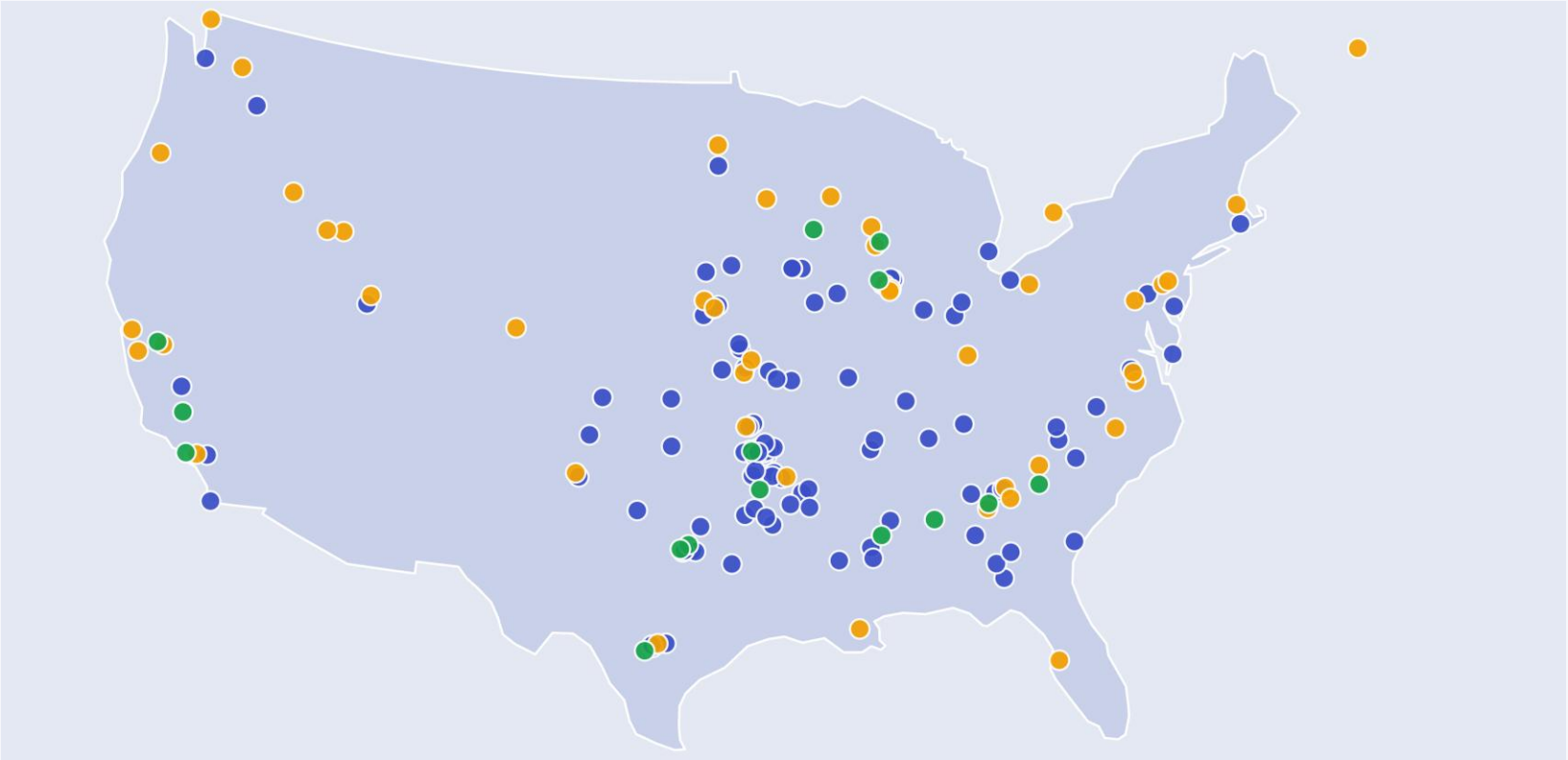
The same One Motion technology behind SideDrive, PulleyDrive and MagDrive, delivered through an OEM partner.

Private Label: One Motion inside, Dorner AquaPruf outside.

CUSTOMERS

WHERE ONE MOTION RUNS TODAY

177 Active Accounts. Three Roles. One Network.



U.S. 162 | Canada 2 | Europe 12 | Australia 1

PRODUCTION END USERS **104**

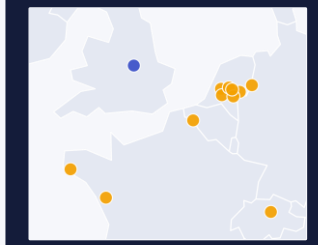
Food plants running One Motion on the line: poultry, RTE, meat, baking, frozen and more.

OEMs **58**

Machine builders designing One Motion into equipment sold to end users.

SUPPORT SITES **15**

Partners, distributors, fabricators and sales agencies that supply and service One Motion.



BEYOND NORTH AMERICA

Europe: 11 OEMs, 1 end user

Australia: 1 OEM

BUILT IN. RUNNING. SUPPORTED.

Source: One Motion active customer list, 177 accounts. Sites plotted at city level.

CASE STUDY

THE TEST THAT CHANGED HOW WE GO TO MARKET

One Question. One Test. One Entire Factory.

1

THE QUESTION | 2019

At a senior engineering meeting with a large poultry company, we said DDRM uses half the energy. The most senior person asked what that meant. An engineering director answered: **"If you have a 100-amp panel, you would only need a 50-amp panel."** Is that true? We offered a test.

2

THE TEST

Three drum motors replaced with One Motion mag-drives. Power measured at the **panel supply**, so the result includes the VFDs, PLC and HMI. The whole system, not just the motor.

3

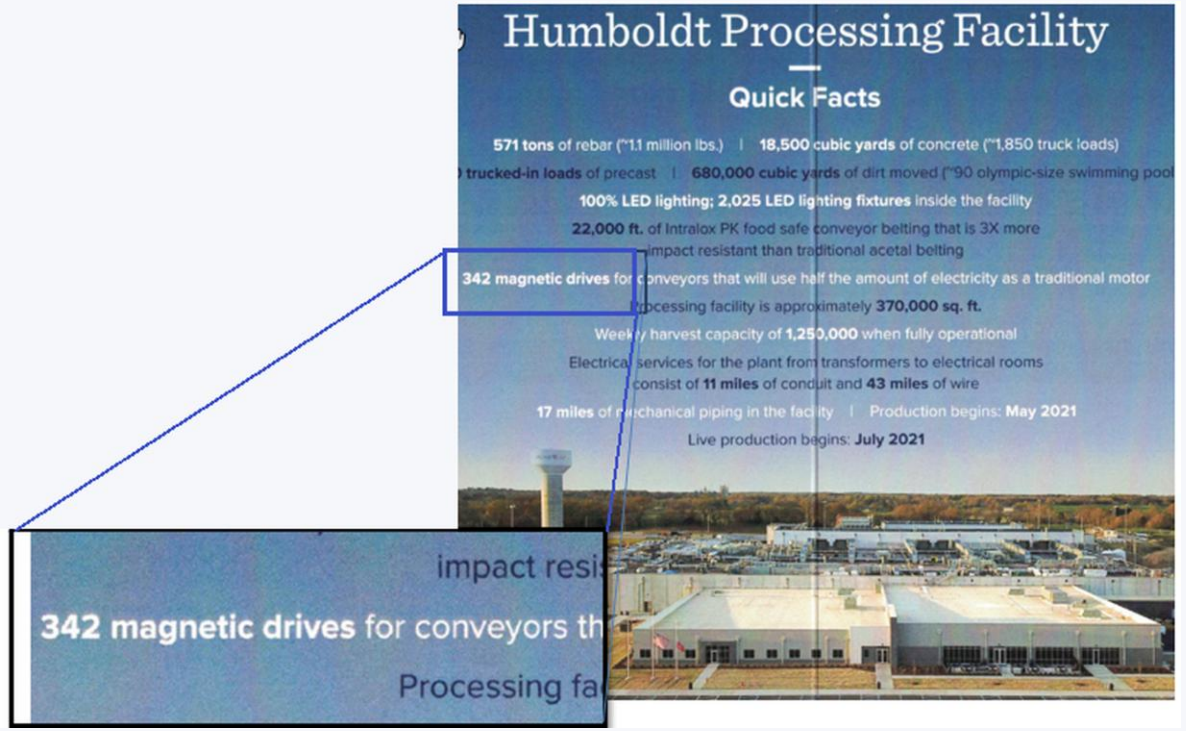
THE RESULT

43% less power for the total system: 576 W down to 326 W. Documented in the One Motion Efficiency White Paper.

4

THE ORDER

An order for an **entire new processing plant**, the company's first new factory in 25 years, with 400+ mag-drives on its conveyors.



THE SHIFT

Before: servo replacement and niche MagDrive smart belt feeders.

After: One Motion drives for every conveyor in the plant.

43%
less total-system power

576→326 W
measured at the panel

400+
mag-drives plant-wide

PROVEN AT THE PANEL.

Source: One Motion Efficiency White Paper (8.18.22); facility quick facts.

ONE MOTION

Explore One Motion online

One Motion
onemotion.tech

Our home site: Physical AI and direct drive rotary motion for hygienic processing and packaging.

SideDrive™
onemotion.tech/sidedrive

A drop-in replacement for a washdown motor and gearbox, running on a standard VFD.

MagDrive™
onemotion.app

MagDrive components and powered hubs for Smart Belt feeding, timing and multi-lane control.

PulleyDrive™
pulleydrive.app

Direct drive in the pulley, built to replace sanitary drum motors.

Direct Drive Robot
deltarobot.app

A hygienic delta robot driven directly by One Motion, with no gearboxes.

Cortex™
omcortex.app

Monitoring and fault protection for your One Motion drives.

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