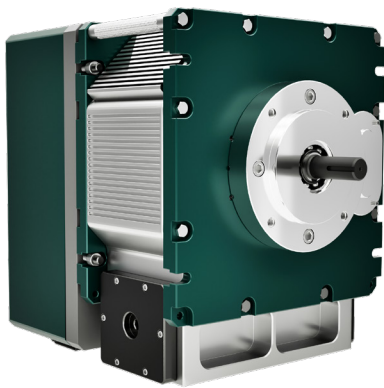





ZeroMag Motors for Conveyor Systems

The Challenge

Traditional conveyance systems require large gearboxes in order to match the high rotational speed of the electric motor to the much slower operating speed of the conveyor. These gearboxes reduce system energy efficiency and result in higher operational costs from expensive maintenance and increased downtime due to failures. This inefficiency, coupled with rising energy costs, creates a significant challenge for facilities operating conveyor systems. Costs associated with these issues include unscheduled downtime, high electricity bills, and even high inventory needs for replacement motors and gearboxes.



C-Motive's Solution

- 1 HP - 4 HP designs
- VFD included with motor
- No gearboxes required
- No routine maintenance
- No active cooling
- Quiet and smooth operation
- Built in the USA 

Applications

Industrial Operations

- Belt conveyors
- Screw conveyors
- Roller conveyors
- Sortation Systems
- Pallet conveyors

Industries Served

- Postal & Parcel
- Manufacturing
- Warehouse & distribution
- Retail fulfillment
- Baggage Handling

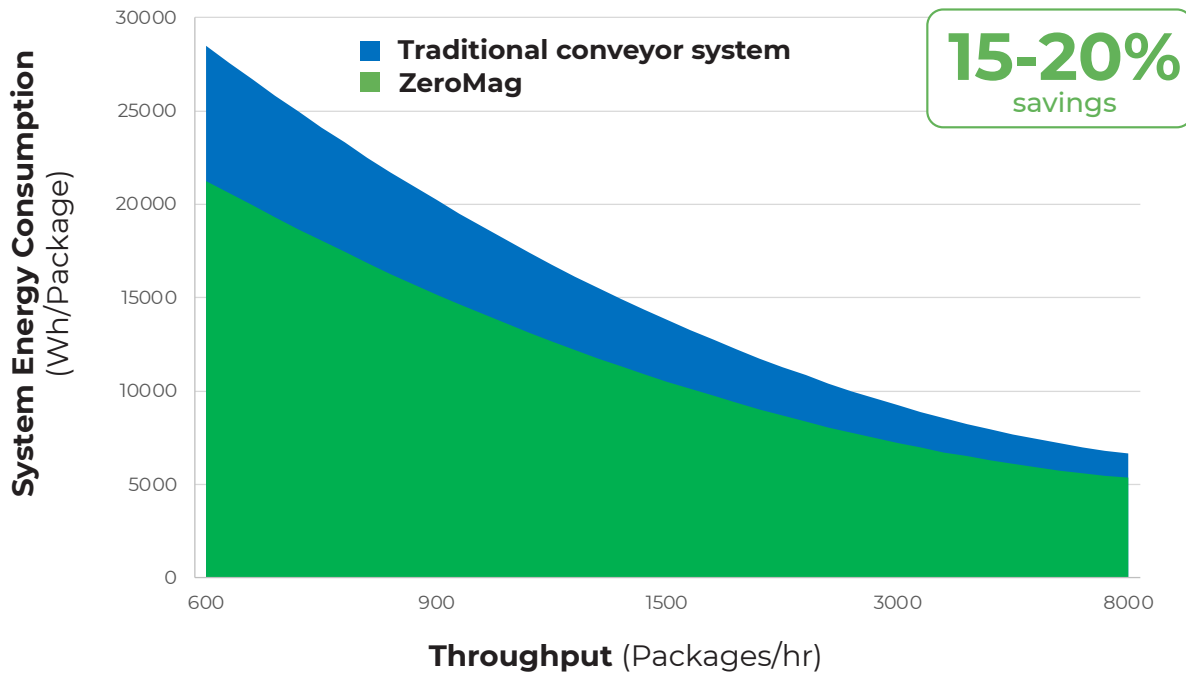
requires
Zero
gearboxes or magnets

up to
20%
lower power draw

Zero
routine maintenance

Daily Energy Comparison

1000 motors, 50 lb packages, 20' conveyor, 1 m/s



ZeroMag OEM Specs

Power range	1-4 HP
Motor + drive	On machine VFD
Gearbox	None, direct drive
Construction	Sealed, all-in-one
Cooling	Passive
Speed range	0 - 400 rpm
Communication	Dual port ethernet

Cost Advantage

ZeroMag motors deliver the lowest total cost of ownership on the market by eliminating the two biggest failure points in traditional motors: the gearbox and excess heat. Running at near-ambient temperatures with no gearbox required, ZeroMag motors require zero routine maintenance, reducing operating expenses across energy, service, and downtime for the life of the equipment.

Bring ZeroMag to your conveyor line by scanning this QR code or visit:

c-motive.com/request-a-quote

