

TECO Electric Motors and VSDs for Fishing Vessels and Fish Processors

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Food and Beverage - Fishing Vessels and Fish Processors

Efficiency Unleashed: TECO Electric Motors & Variable Speed Drives Transforming Fishing Vessels and Fish Processors

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Welcome to the heart of maritime innovation, where TECO's Electric Motors and Variable Speed Drives redefine efficiency for the Fishing Vessels and Fish Processors industry. Let's delve into the needs that drive this industry, and how TECO's cutting-edge solutions provide a transformative remedy.

Trawlers and Net Handling Systems Fish Processing Lines Refrigeration and Cold Storage Propulsion Systems

Operating in the depths, trawlers encounter relentless challenges. Net handling systems bear the brunt, facing wear and tear that affects catch volumes. The relentless demands of the sea test the resilience of both vessels and equipment.

TECO Electric Motors stand as pillars of reliability, providing robust power precisely when needed. Available in multiple voltage and speed configurations as well as a variety of mounting options, TECO electric motors will fit into tight spaces, remain reliable and safe, even under extreme pressure, and with Class H insulation option, provide reliable flexibility and control in hot engine or plant rooms. TECO Variable Speed Drives, including IP66 options, empower net handling systems with adaptable speed control, minimizing stress on equipment. This precision not only safeguards against wear but also enhances catch efficiency. If you want to know what is going on with any of your motors before they break down, consider investing in TECO Motor Health Monitoring systems. TECO MHM is available in several configurations from local touch to operate units through Wi-Fi or Bluetooth communications and even fully wired options for ultimate reliability. TECO MHM will tell you when any motor is not operating well, costing you money through wasted energy or beginning to have other issues. Don't wait until after a motor stop to address the issue, have the flexibility of time on your side.

With TECO solutions, we ensure higher catch yields, reduced downtime, and increased profitability for trawlers navigating the toughest waters and processors with limited time to waste.

Fish processors face a daily struggle with bottlenecks in sorting, cleaning, and filleting lines. These bottlenecks compromise throughput and product quality, posing a constant challenge to meet market demands.

TECO's Electric Motors are crafted for energy optimization, ensuring your processing facility operates at peak efficiency. With patented benefits like a greasing system allowing maintenance personnel to grease whilst the motor is running and clearly see when the unit is fully purged, TECO ensure everyone at your site will appreciate the many small things that make TECO your natural selection. TECO offer a

range of Cast Iron frame and Alloy framed motors up to 400kW from stock. Our selections include various speed and mounting configurations and our five in house modification shops across the region can support your product selections with additional monitoring, specific coatings and colour selections and other mounting and mechanical options important to your site.

TECO offer a range of IEC efficiency rated motors up to IE5. Our range includes solutions for Permanent Magnet, Synchronous Reluctance and also fully interchangeable IEC frames that will poetically swap straight in. If energy usage is important to the future of your business or you are running up against eh rated outputs of your plant and switchgear, consider upgrading your motors before anything else.

Paired with Variable Speed Drives that fine-tune power usage based on demand, TECO provides a solution that reduces energy costs, minimizes environmental impact, and extends the lifespan of critical equipment TECO's Variable Speed Drives dynamically adapt to the demands of processing lines, eliminating bottlenecks. Paired with our electric motors offering precision, reliability, and simple control, TECO ensures a streamlined process, preventing delays and guaranteeing consistently high-quality output.

With TECO, seafood processors experience optimized processing lines, reduced delays, and a competitive edge in the market.

Refrigeration units in fishing vessels and plants devour energy, impacting operational costs and environmental sustainability. The industry yearns for a solution that balances the need for efficient cooling with the imperative to reduce energy consumption.

TECO's Electric Motors are crafted for energy optimization, ensuring refrigeration and cold storage operate at peak efficiency. Paired with Variable Speed Drives that fine-tune power usage based on demand, TECO provides a solution that reduces energy costs, minimizes environmental impact, and extends the lifespan of critical equipment. TECO reliability in this market is legendary, our motor designs are well proven and found across the country as well as the oceans. We stock sizes up to 400kW and have selection and support engineers waiting to help you select what your plant needs to be most efficient.

Rising fuel costs and environmental scrutiny challenge fishing vessel operators with outdated propulsion systems. The industry is in dire need of a solution that optimizes fuel efficiency without compromising power and flexibility.

TECO's Electric Motors and Variable Speed Drives redefine propulsion systems with smart solutions. Optimizing fuel efficiency without sacrificing power, our technology ensures precise navigation, compliance with environmental standards, and reduced fuel costs.

Electric propulsion of commercial vessels is already a reality and one which TECO is directly involved. Talk to us about powering your vessel electrically and we will show you how we have helped other commercial vessel operators re-power existing vessels or completely redesign new assets.

TECO propels fishing vessels into a new era—where efficiency meets environmental responsibility, delivering enhanced flexibility and economic benefits.

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