

Electric Motors and VSDs for Chemical Processing - TECO Electric Motors Australia and New Zealand

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Details:

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Chemical Processing Industry

TECO Electric Motors & Variable Speed Drives: Enhancing Efficiency in Chemical Processing
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Welcome to TECO, your trusted partner for the Chemical Processing Industry. Discover how TECO Electric Motors, Variable Speed Drives and monitoring equipment are tailored to meet your unique challenges, enhancing efficiency, and productivity.

Pumping Systems Mixing and Agitation Conveying Systems Solutions

In chemical processing, pumping systems bear the weight of consistent challenges. Frequent breakdowns disrupt production, escalating maintenance costs, and impacting overall efficiency. Energy inefficiencies and inconsistent flow rates further compound these issues, hindering seamless operations. These issues disrupt operations, escalate maintenance and other operational costs.

TECO's Electric Motors and Variable Speed Drives redefine reliability in pumping systems. Our technology ensures consistent performance, reducing downtime and mitigating maintenance costs. With precise control over flow rates and energy-efficient operation, TECO empowers industries to improve the operations in the pumping systems.

Industries relying on precise mixing and agitation encounter hurdles in achieving consistent product quality. Uneven blending and inefficient power consumption disrupt processes, leading to suboptimal outcomes. Meeting stringent standards becomes a challenging task without precise control.

TECO Electric Motors, Vibrators and Variable Speed Drives provide the perfect blend of control and efficiency for mixing and agitation processes. With TECO, customers experience enhanced control, reduced energy consumption, and the assurance of consistent product quality, elevating their chemical processing capabilities. Your process can benefit from Motors and Drives with up to an IP66 protection rating. TECO products are designed for use in industry and our stock includes Explosion and Flame proof models, ready to ship.

In the Conveying systems, chemical companies are facing with persistent issues such as belt slippage, high energy consumption, and demanding maintenance schedules. Downtime and operational disruptions become unavoidable consequences of these challenges.

TECO revolutionizes conveying systems by introducing Electric Motors and Variable Speed Drives engineered for reliability. Our solutions ensure uninterrupted operation, significantly reduce energy costs, and minimize maintenance requirements. Indoors or out, large capacity belts or short run chain conveyors, TECO empowers industries to streamline their conveying processes, unlocking efficiency and reliability.

TECO have focussed significant time and energy into helping customers reduce unwanted stoppages, ensuring our equipment performs and that maintenance can be focussed on the areas of most need. Monitoring of your facility assets to ensure crews can address issues before they become critical and receive warning if installation is loose or sub-optimal is now easy and inexpensive. Equipment available in the TECO catalogue can permit manual checks onsite, or options to download motor data via Bluetooth , Wi-Fi or other technologies. Event logs, remote notifications and emergency messages can be set for automatic results at any time of the day or night. TECO even offer live monitoring options for centralised control rooms.

When you can see and understand motor issues as they develop, your maintenance teams can be sent out to correct them before they stop production or create a need for expensive repairs.

Chemical Industry Solutions for you TECO Emotron Soft Starter Robust metal enclosure Power range 4kW to 1.6MW, 200-690V, 3ph Solid state 3-phase control type softstarter with heavy duty nominal rating Torque control start and stop modes for minimized start currents [VIEW MORE](#) Direct On line (DOL) Starters – HFUB Powerful and Customizable: TECO Direct Online Starters for Reliable Machine Performance Powerful and Efficient, ranging from 4 kilowatts to 11 kilowatts, our motor starter is designed to keep your machines [VIEW MORE](#) TECO Te3 Cast Iron 3 Phase Efficient and Reliable Metric Frame Motors for Diverse Applications. IEC60034 Efficiency Standard The TECO Te3 Cast Iron 3 Phase motor meets the IEC60034 frame allocation standards. It has a power [VIEW MORE](#) TECO MAX-Ex (Exe, ExnA, ExtD) Engineered for Maximum Safety, Efficiency, and Versatility in Challenging Environments, IP66 Protection TECO MAX Ex Electric Motors is designed for maximum safety and efficiency. These motors are IEC Ex Certified, [VIEW MORE](#) TECO IE2 Flameproof (Exd/Exde) Superior Performance and Safety in Hazardous Environment, IEC Ex and ATEX, IP56 Protection TECO IE2 Flameproof Electric Motor has been certified with IEC Ex and ATEX certifications, ensuring its compliance [VIEW MORE](#) TECO IE3 Flameproof (Exd) TECO IE3 Flameproof (Exd) – Safe, Efficient, and Reliable Solutions for Hazardous Environments, IP56 Protection TECO IE3 Flameproof (Ex d) Total Enclosed Fan Cooled Motor is designed with safety certifications [VIEW MORE](#) Book a Consultation Have questions or need assistance? Reach out to us through the contact form, and we'll be happy to assist you.

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<https://electricmotors.teco.com.au/contact-us/> tel:+61297658118

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