

Electric Motors and Drives for Pulp and Paper - TECO Electric Motors Australia and New Zealand

Canonical: <https://electricmotors.teco.com.au/industry/pulp-and-paper/>

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Pulp and Paper

TECO Electric Motors & Variable Speed Drives: Empowering Pulp and Paper Industry Efficiency
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Our commitment to excellence is exemplified by our MAXe3 Premium Severe Duty Motors , readily available in stock up to 450 kW. Additionally, our Low Voltage AC Drives, Low Voltage AC Soft Starters , and TECO Motor Health Management products redefine industry standards for asset management and maintenance planning.

TECO takes pride in its local capabilities, ensuring prompt delivery and equipment designed for all types of applications. With our vast stock of MAXe3 Premium Severe Duty Motors and Low Voltage AC Drives, we guarantee a quick turnaround to meet your urgent project timelines.

In a dynamic industry where precision is paramount, TECO stands out as the beacon of reliability. We understand the challenges faced by the Pulp and Paper industry, and our mission is to be your go-to source for reliable solutions that enhance efficiency, reduce downtime, and elevate overall productivity.

From pumps and fans to conveyors, crushers, and mills, TECO's offerings are versatile and tailored to meet the specific demands of your operations.

Conveyor Systems Paper Production lines Crushers Replacing existing motors and drives

Interruptions in material flow pose a significant challenge to production stability, affecting efficiency with each breakdown. TECO Electric Motors are designed to endure the relentless demands of continuous operation. Through robust construction and innovative engineering, these motors minimise disruption and enable your operations to flourish without the burden of downtime. From simple and effective patented greasing system to the legendary reliability of this rugged motor design, TECO has answers for the questions your team are asking. Conveyor systems are the lifeline of material flow in our industry but abrupt starts and stops often lead to wear and tear. Our motors deliver power with precision, and variable speed control ensures smooth, controlled motion that wastes nothing in terms of energy or mechanical advantage. Conveyors are found in stockyards, stacker-reclaimer systems, overland transport, loaders and unloaders, as well as chippers and screens. Our Electric Motors power accurate positioning in stacker-reclaimer systems. Paired with Variable Speed Drives (sometimes called variable frequency drives), they ensure precise control over conveyor speed, accurate positioning, and controlled material handling during loading and unloading operations. TECO's solutions adapt to varying material characteristics, withstand harsh environments, and optimize processes for energy efficiency. The design facilitates easy maintenance, ensuring the reliability of your product handling systems. Vibration control and use is becoming more widespread across the industry. TECO has a full range of high-quality vibrating motors powered by hydraulics, pneumatics or electricity

that are used to prevent blockages, clear bins and drums and used to ensure truck bodies are fully emptied quickly and simply without the driver leaving the cabin.

Modern paper production is extremely fast paced. Cost models and customers are requiring more efficiency and so much more speed and control from production lines. TECO reliability is always acknowledged, with motors able to withstand high ambient temperatures, class H insulation and service factors of up to 1.2 will be of interest to you. Likewise, our Drives ranges are also made by TECO, to suit TECO motors and demanding customers who see reliability as the key to ongoing profitable operations. With options of up to IP 66 protection, patented, flush through greasing system designed to be completed when the motor is hot or running, TECO has answers to all your questions about product and maintenance. For next level maintenance, consider looking into our Motor Health Management tools. From simple push button options right through Wi-Fi and Bluetooth as well as hardwired solutions suitable to centralised monitoring from a control room, TECO have products to let you know BEFORE your motors of any type or brand fail. A complete asset monitoring strategy for your motors is not only simple to achieve but also inexpensive to procure and set up. Let us show you the options so your productivity is assured.

In the quest for a solution, the need for precision and consistency in crushing operations is paramount. Whether it's achieving a specific particle size for pulp or ensuring a uniform feed for downstream processes, the demand is clear – each operation must be a testament to quality. Inconsistent crushing not only disrupts operational flow but also jeopardizes the very essence of product quality.

TECO Electric Motors and Variable Speed Drives step provide the control and adaptability necessary to optimize crusher performance. With the ability to adjust speed and torque, TECO's solutions ensure a seamless and precise crushing process, reducing variations and minimizing defects.

TECO motors have legendary reliability and are many times proven in the harshest of conditions across Australia, New Zealand and the world more generally. As the need to improve productivity and production flows grows, so too does our ability to offer complete interchangeability with existing motors of any brand or type.

Many customers choose TECO to re-power or increase capacities of existing equipment. Our dedicated engineering team will work with you to see what is possible in terms of Direct "Drop In" replacements or help design a motor solution to address your specific needs. We even offer to oversee commissioning if your own team lacks experience and confidence in this area.

Pulp and Paper Solutions for You [TECO MAXeV4 IE4 Super Premium Efficiency Electric Motor PAY CALCULATOR](#) [WATCH VIDEO](#) Calculate Your Savings and Payback Period Ready to Secure Your Savings? The data speaks for itself. To get a precise quote on the [TECO VIEW MORE](#) [TECO Machine Health Management \(MHm\)](#) and [Smart Motor Elevating Performance Through 24/7 Monitoring](#) and [Smart Solutions](#) [VIEW MORE](#) [TECO MV510 Medium Voltage Optimised for Efficiency and Reliability](#) Designed for a range of applications including Oil & Gas, and Power Generation, TECO MV510 stands out with its multilevel H-Bridge topology, ensuring ultra-low harmonic [VIEW MORE](#) [TECO Wound Rotor Tailored Solutions for Unique Applications](#) [TECO Wound Rotor Motors](#) offer personalised solutions for specific needs, catering to a range of customer demands. These motors are exceptionally adaptable and effective, making [VIEW MORE](#) [TECO Squirrel Cage Induction Motor Custom-Designed](#) [TECO Squirrel Cage Motors](#) [TECO Squirrel Cage Induction Motors](#) are meticulously designed with precision engineering, ensuring outstanding performance efficiency and flexibility across various industries. A squirrel cage induction motor, [VIEW MORE](#) [TECO MAXe3 MINING Premium Efficiency Premium Efficiency Electric Motors](#) specifically designed to meet the rigorous demands of the Mining industry. With True IP66 protection rating and Class H insulation system, [TECO MAXe3 Mining Electric Motor](#) [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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Products

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Variable Speed Drives Solutions

Low Voltage Motors

Medium and High Voltage Electric Motors

Low Voltage Variable Speed Drives

Medium Voltage Drives

Invicta Vibrator Motor

Motor Controls

IoT - MHM and Smart Motor

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