Motors and drives for the sugar industry

Canonical: https://electricmotors.teco.com.au/industry/food-and-beverage-sugar

Details:

We support sugar production with motors, drives and starting equipment for cane preparation, milling, conveying and pumping. We work through the process duty and site conditions so the selection fits both the equipment and the production schedule.

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Applications and selection priorities

Application	What we consider
Cane preparation	Assess the torque, starting duty and load changes of shredders and crushers.
Milling and sizing	Match the motor and control system to the mill, load variation and process requirements.
Conveyors and stockyards	Consider loaded starts, speed coordination and the duties of conveyors, stackers and reclaimers.
Process pumps	Review washing, slurry, coolant, condensate and lubrication duties against flow, pressure and running hours.

Prepare for dust and demanding service

Tell us about dust exposure, any hazardous-area classification, thermal conditions and maintenance access. Our brochure brings together motor, drive and starting options; it does not make every listed configuration suitable for a dust-ignition environment. Replacement projects should include mechanical measurements, electrical requirements and the available shutdown window. Monitoring can be considered as part of the maintenance plan.

Explore the equipment families

Our industry range brings together the families below. Confirm the exact variant, duty and approvals for your installation; a listing here is not approval for every application. Archived guides are retained for identification and support.

Product family	Information
TECO MAXeV4 IE4 Super Premium Efficiency Electric Motor	Read enriched guide
TECO MAXe3 MINING Premium Efficiency	Read enriched guide

TECO AFJE MAXe3 Mining	Read enriched guide
TECO MAXe3 Premium Severe Duty	Open official TECO product page

Industry literature

Download our sugar industry brochure (PDF) — 20 pages.

The brochure provides industry context and product-range information. Confirm the selected model and edition in its datasheets, drawings and operating manual before applying a rating to your installation.

Talk to our team

Tell us about your application, equipment and site requirements. Contact our Australia and New Zealand team .