

SUGAR MILLING & REFINING PROFILE



The Next Generation of World Class S.M.E.I.P Engineering

Steelwork, Mechanical, Electrical, Instrumentation and Piping · Engineering, Fabrication and Site Erection

SELECTED SUGAR MILLING EXPERIENCE

Equipment supply, fabrication, machining and on-site repairs for sugar mills, refineries and ethanol plants

Sugar Milling and Refining

Xinavane Expansion Project, 2006–2008

Sugar process equipment to Tongaat Hulett design: juice heaters, diffusers, vapour heaters, evaporators, condensers, vacuum pans, massecuite reheaters, crystallisers, cane yard, conveyors and gantries

Sugar mills

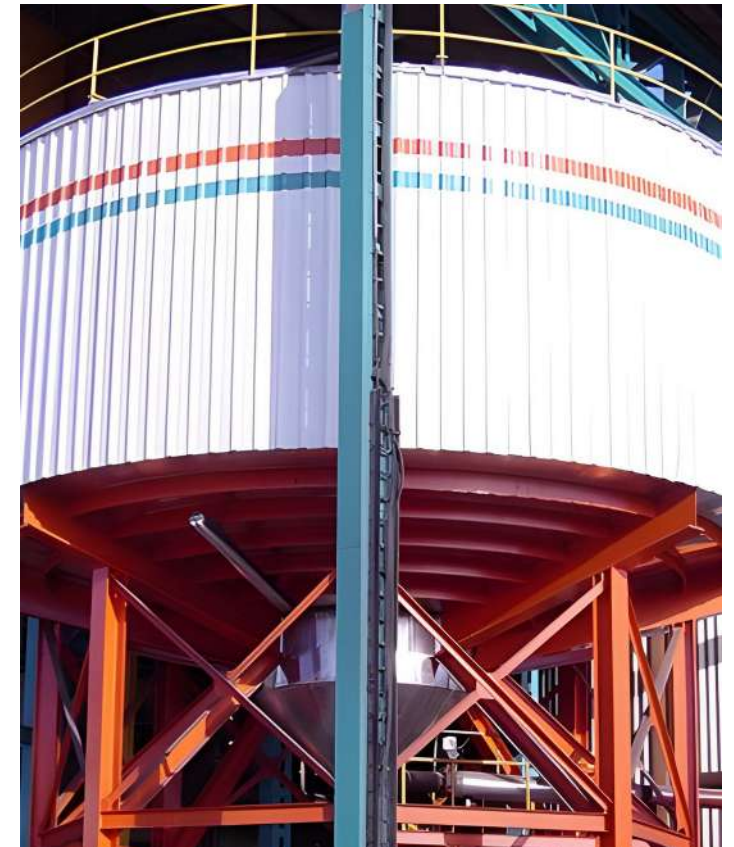
Refurbishment, maintenance and fabrication of vacuum pans, juice clarifiers, heaters, crystallisers, scraper and trash plates, headstocks and conveyor systems

Milling, refining and ethanol plants

Complete supply of equipment

Sugar mill capital projects

Fabrication, machining and on-site repairs to structural, industrial and process equipment for capital expansions, upgrades and repairs



Equipment supply, fabrication and repairs for sugar producers

SECTOR Sugar Milling and Refining | **SCOPE** Milling, sugar refinement and ethanol plants

Complete supply of equipment for milling, sugar refinement and ethanol plants.

Fabrication, machining and on-site repairs to structural, industrial and process equipment, especially sugar mill capital expansions, upgrades and repairs.

- Detailed engineering design and process packages
- Upgrades, turnarounds and new facilities
- Fabricated equipment, operations and maintenance
- LSTK / EPC contracting



Sugar process equipment for the Xinavane Expansion Project

SECTOR Sugar Milling and Refining | **PROJECT** Xinavane Expansion, 2006–2008 | **DESIGN** Tongaat Hulett

Channel Construction supplied sugar process equipment built to Tongaat Hulett design for the Xinavane Expansion Project, covering the following equipment:

Juice heaters	Diffusers	Vapour heaters
Evaporators: Kestner type	Evaporators: Roberts type	Condensers
Batch vacuum pans	Continuous vacuum pans	Massecuite reheaters
Crystallisers	Cane yard	Conveyors and gantries

Refurbishment, maintenance and fabrication for sugar mills

SECTOR Sugar Milling and Refining | **SCOPE** Vacuum pans, clarifiers, heaters, crystallisers, trash plates and conveyors



CONTACT US

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**Steelwork · Mechanical · Electrical · Civil ·
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Engineering, Fabrication and Site Erection

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