



# Project Capabilities

Conveyor Maintenance • Engineering • Belting • Machining

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# Design, Construct, Installation & Commissioning Iron Ore Load out Facility

**WESTERN DESERT**  
RESOURCES

Bing Bong, NT

<b>Client</b>	Western Desert Resources
<b>Location</b>	Bing Bong, NT
<b>Contract Value</b>	\$7 million
<b>Completion Date</b>	December 2013

## Project Description

South East Conveyors & Engineering is proud to have designed, manufactured, installed and commissioned a full turnkey solution for Western Desert Resource's Bing Bong Iron Ore load out Facility.

Manufactured in the company's Mount Gambier Engineering workshops and transported to site, the Bing Bong Load out Facility in the Northern Territory is part of the largest new mine to open in the Northern Territory for 20 years.

The Roper Bar iron ore mine is about 600km south-east of Darwin in the Northern Territory's Gulf country and it is expected to produce up to three million tonnes of iron ore a year for the next eight to 12 years.

South East Conveyors installed this project within the client timeframes to meet official opening and shipping date in December 2013 with a total of 14,500 man hours LTI & MTI Free

## Design Characteristics

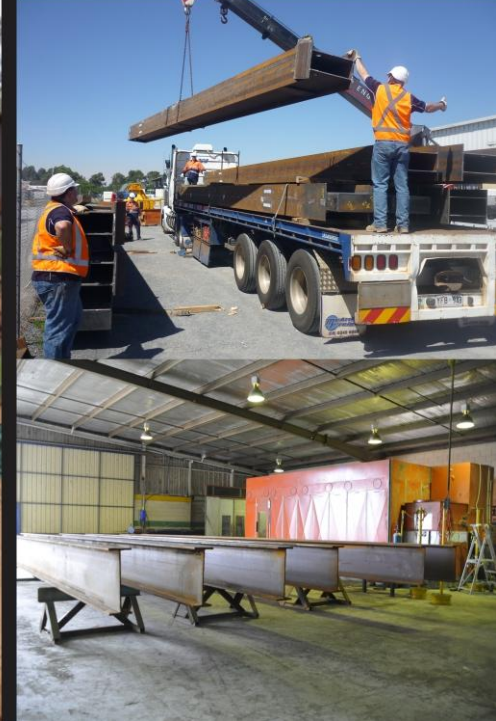
- 1200 wide, 840m long conveyor.
- 2 x 70 Cubic meter feed hoppers.
- THOR LPT140 Radial Stacker 1800Mtph
- Capacity: Nominal 1200 Mtph.
- ISO Compliant Ore Sampling system

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# Haul Bridge Manufacture

## Roper Bar, NT

<b>Client</b>	Western Desert Resources
<b>Location</b>	Bing Bong, NT
<b>Contract Value</b>	\$600,000
<b>Completion Date</b>	December 2012

### Project Description

South East Conveyors & Engineering was engaged to construct two haul road bridges for the Western Desert Resource's Roper Bar Iron Ore Project in the Northern Territory. The project involved the fabrication of 40 girder section of 12 metre length and associated connection steelwork. Fabricated in the Mount Gambier Engineering workshops the project required coordinated logistics between SEC&E and the client's freight provider to ensure delivery to site before the wet season halted road access to the Gulf of Carpentaria.

### Design Characteristics

- Bridge span 120m
- Region C flood condition compliant
- Designed to handle 155T ore trucks

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## Design, Construct, Install & Commission North South Conveyor Port Pirie, SA



<b>Client</b>	Nyrstar
<b>Location</b>	Port Pirie, SA
<b>Contract Value</b>	\$75,000
<b>Completion Date</b>	February 2013

### Project Description

South East Conveyors & Engineering was engaged by Nyrstar to design, construct & install a replacement Slag Fuming conveyor and hopper for their Port Pirie Plant. The existing conveyor system had become a major issue creating spillage within the department. It was time for a new system.

South East Conveyors & Engineering utilised our expertise to design a new troughed conveying system and feed hopper 3 times the size complete with walkways and permitter fencing.

### Design Characteristics

- Modular design
- 10 Cubic metre Matrox lined hopper
- 500 wide, 10m long conveyor @ 15 deg incline
- Capacity of 300Mtp/h

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# Log Bolsters

## Design & Manufacture

Portland, Victoria



<b>Client</b>	ISO Marshalling
<b>Location</b>	Portland, Victoria
<b>Contract Value</b>	\$120,000
<b>Completion Date</b>	August 2013

### Project Description

Design and manufacture log bollards used as new ends at log export storage facility.

### Design Characteristics

- 310 UB-3L uprights
- 5000mm High x 2400mm wide x 3600mm deep.

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# Step Feeder Design, Manufacture & Installation

Yahl, South Australia

<b>Client</b>	Roundwood Solutions
<b>Location</b>	Mount Gambier, SA
<b>Contract Value</b>	\$35,000
<b>Completion Date</b>	August 2014

## Project Description

Design and manufacture small log step feeder for debarking and processing line.

## Design Characteristics

- Small log step feeder running at 10 cycles per minute.
- Log design 100mm to 250mm diameter x 5.4m log length.

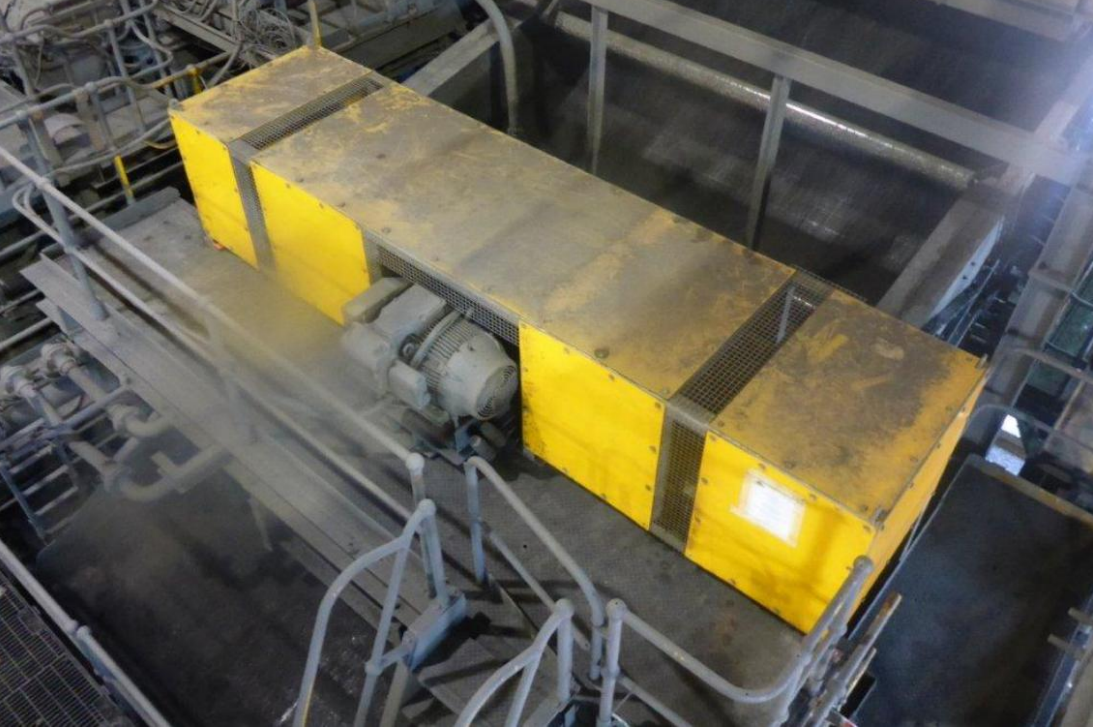


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# Exciter Guarding Gemco

Groote Eylandt, NT

<b>Client</b>	BHP
<b>Location</b>	Groote Eylandt, NT
<b>Contract Value</b>	\$15,000
<b>Completion Date</b>	May 2014

## Project Description

Manufacture concentrator feed preparation screen guarding

## Design Characteristics

- 75x10 each structural steel with hot dipped galvanised finish
- Clad with 1.6mm Y14 painted bolt on panels.
- Supplied complete with attached life lugs and structural galvanised bolts.



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