

Cortex



RESOURCES

RAIL WAGON POSITIONING PROJECT EXPERIENCE

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PROJECT EXPERIENCE

CORTEX Designs and Manufactures Rail Wagon Positioning (Indexing) Systems:



The above installation is in Townsville for Queensland Cement Ltd handling a 25 rail-car rake of initially empty and ultimately full wagons. This system is powered by an electro-hydraulic drive.



PROJECT EXPERIENCE

CORTEX Designed and Manufactured this rail wagon positioning (indexing) system for RioTinto's Diesel Fuel Terminal, Dampier, Western Australia:



This winch unit is designed to handle a 20 rail-car rake of distillate tanker wagons from initially empty to ultimately full weighing in at over 2000 tonnes gross weight. The winch unit is powered by variable speed electro-mechanical and flux-vector drives for accurate wagon spotting to 1cm.

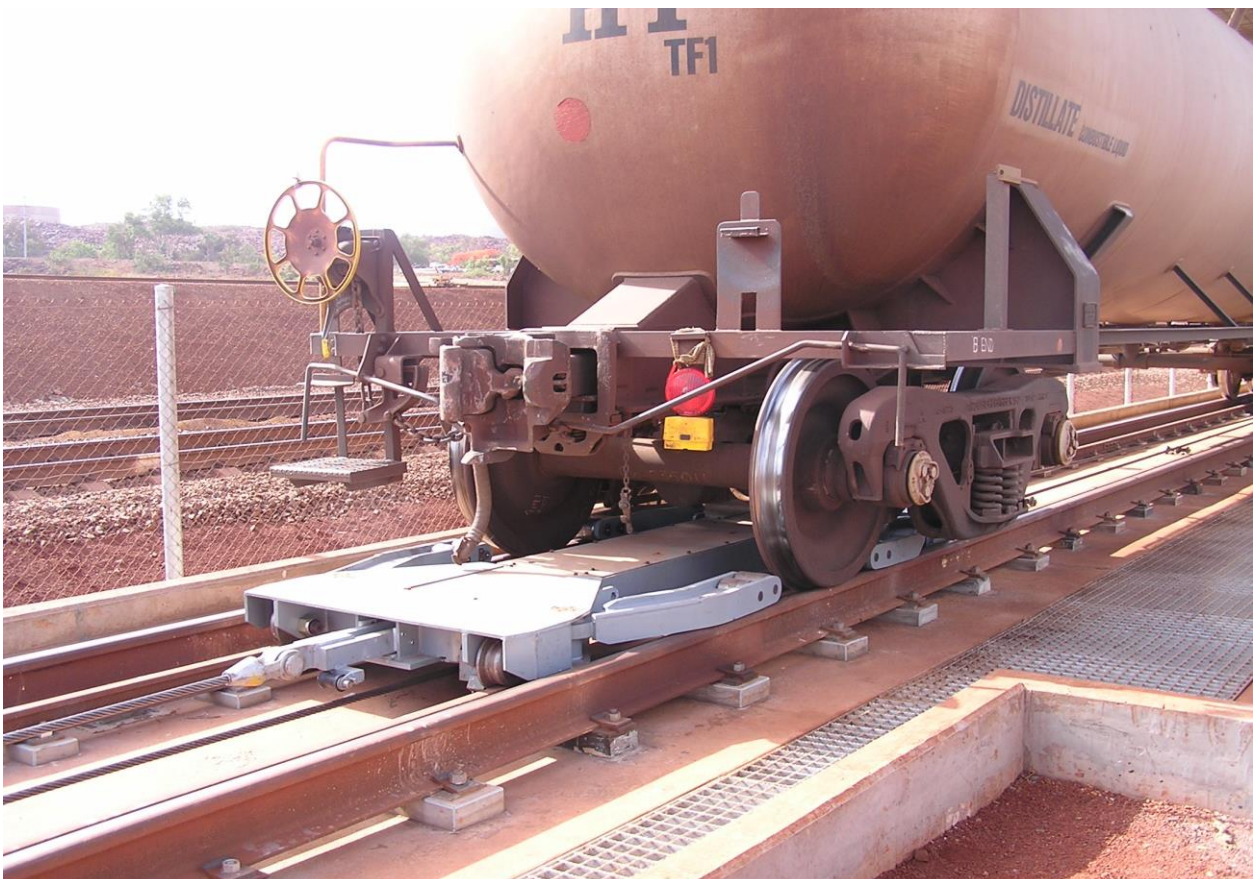


PROJECT EXPERIENCE

CORTEX Wagon Positioner winch drive unit for RioTinto installation at Dampier, W. Australia.

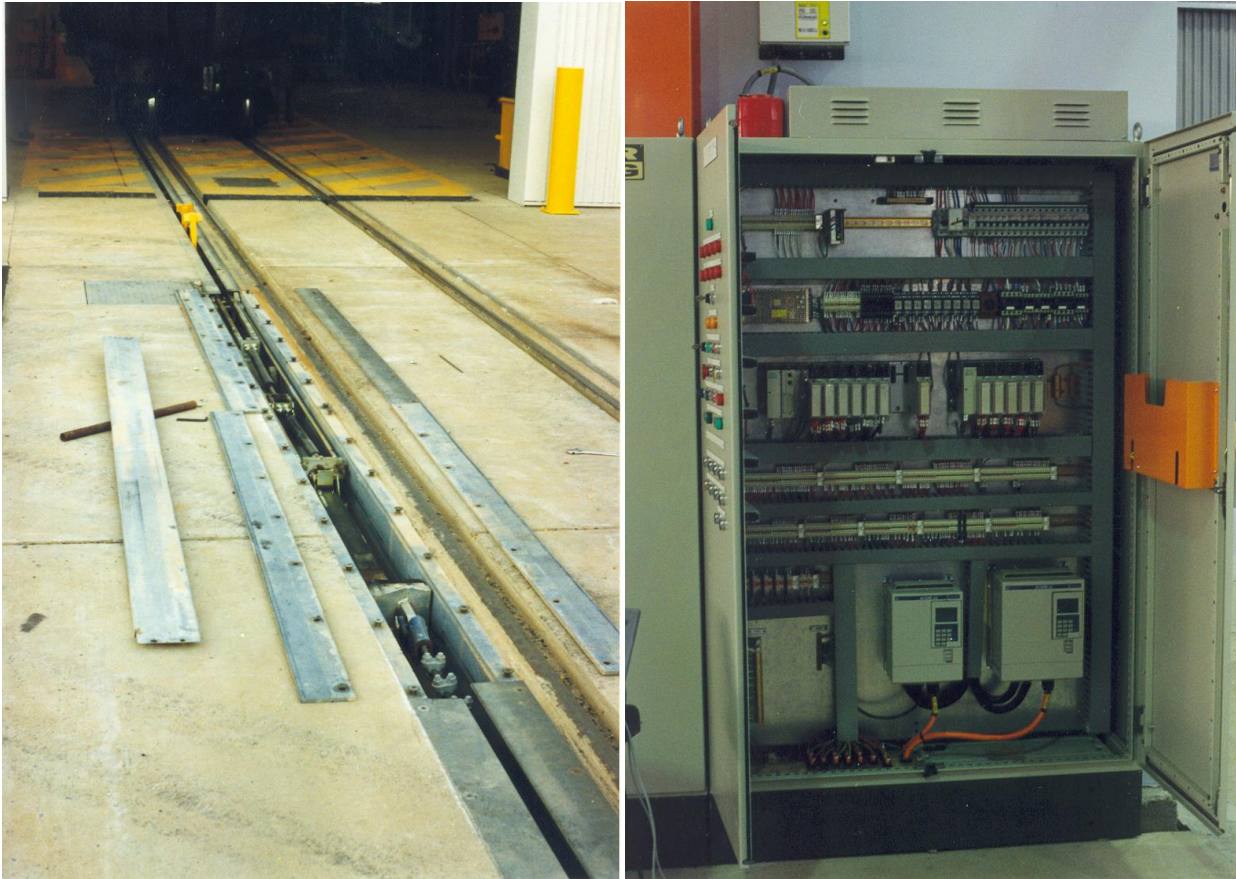


CORTEX Rail Wagon Positioner - the “Turtle” with flippers out to connect with wagon wheel:



PROJECT EXPERIENCE

CORTEX Rail Wagon Bogie positioning (indexing) system - the “Ferret”. It is shown painted **yellow**, protruding above the slot near the doorway in its drive tunnel for Queensland Rail at the Rail Maintenance Workshops, Toowoomba, Queensland, Australia.



CORTEX Wagon Positioner winch drive unit in pit installation - electro-mechanical system:

