



ALUMINUM



Hulett Rolling Mill

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SECONDARY TRANSFORMATION

Rising above engineering, profitability and business challenges

WE FULLY UNDERSTAND THE CHALLENGES OUR CLIENTS FACE

Produce more effectively to:

- Improve product quality.
- Reduce production costs.
- Make maximum use of the various power sources.
- Develop new profitable markets.
- Respect environmental constraints.

EXAMPLES OF SUCCESSFUL PROJECTS

Hatch has been involved over the past 50 years in numerous projects. Hatch's expertise has evolved over those years through projects such as the Lewisport Rolling Mill facility in Kentucky, the Hot Strip Mill Retrofit in Terre Haute (Indiana), the Reynolds Cap-de-la- Madeleine Foil Mill, the Magma International Aluminum Wheel Plant in Collingwood (Ontario) and the Hulett Rolling Mill in South Africa. Here is a short description of some projects' scope of work.

Expansion of the Hulett rolling mill

- \$300 million project for new cold rolling mills and hot finishing rolling mills; including ingot casting remelt shop and plate handling.
- Increased plant production capacity from 50,000 to 180,000 tons per year, making it the largest rolling mill in Africa.

Reycan foil mill

- Responsible for the EPCM in the mill improvement project valued at \$30M.
- Implementation carried out during operations, generating low dust emissions.
- Setting up of systems for pollution control and fire protection.

SPECIFIC EXPERTISE

- Properzi-type continuous casting process (bar and rod)
- Hazelett-type continuous casting process (strip)
- Hot and cold rolling
- Flying and rotary shears
- Mechanical power press
- Annealing furnace (continuous and batch)
- Surface finishing equipment
- Vertical casting equipment
- Remelt furnace and combustion system
- Metal processing: filters and degassers
- Recycling and scrap handling (melting, alloying and quality)



Scrap charging machine