



## Hulamin, South Africa

Aluminium Cold Mill  
Mill Upgrade

# Project Data Sheet



**Client:** Hualamin  
**Project:** Aluminium Cold Mill Upgrade

## Improvements and benefits:

- Increased yield through larger coils
- Faster coil to coil times
- Faster future mill speed
- Improved coil and spool transfer

## Scope of supply:

- 3 coil cross bay transfer car
- Entry and exit coil handling including walking beam conveyors and saddles
- Coil preparation station and coil car with turn unit
- Pit mounted entry and exit coil cars
- Uncoiler and coiler units including expanding mandrels, outboard bearings with supports, change speed gearboxes mounted on sliding bases (with drive motors)
- Peeler table, snubber and back-breaker rolls
- Shear unit with pinch rolls
- Exit table with mountings for thickness gauge and new shape measurement roll
- Tucking roll and over / under-coiling threading tables
- Tail restraining roll
- Entry and exit spool handling equipment
- New high & low pressure fluids systems

**Mill Type:** 4 High Aluminium Cold Breakdown Mill

- Size  $\varnothing 420 / \varnothing 1100 \times 1850$  mm
- Products 1000, 3000, 4000, 5000 & 8000 alloys
- Strip width 850 to 1650 mm
- Strip thickness 10.5 mm max entry / 0.25 mm min exit
- Speed 500 mpm (future)
- Coil weight 15 tonnes

To contact Parkegate Engineering and to download other data sheets :

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