

## Steel Rolling Mill Gearbox Supply

September 2007

CMS has recently supplied a set of gearboxes for a steel rolling mill upgrade through our Shackleton Engineering Gearbox Division.

The key objective for the project was to upgrade the gearboxes in the steel rolling mill with the minimum of downtime and disruption to production.

The drive system for the steel rolling mill comprised:

- 5.5 tonne gearbox for the main coiler rated at 17kW
- 2.5 tonne gearbox for the slitter rated at 55kW
- 2.5 tonne gearbox for the shear drive rated at 55kW
- 0.4 tonne gearbox for the die set drive rated at 62kW
- 0.2 tonne gearbox for the leveller rated at 200 kW

The gearboxes were all designed to the high quality Case Hardened and Ground gear standard (DIN 3990-5). The external dimensions were specified as direct replacements for existing gearboxes. This was to minimise replacement time and eliminate any foundation work in a production environment.

The gearboxes were manufactured, assembled and fully tested in house before customer inspection and shipping.

Since installation, the customer has experienced increased productivity and reliability from this production line.

### New and Replacement Gearboxes

Shackleton gearboxes are installed worldwide and have an enviable reputation for reliability and long service in a broad range of industrial applications.

Shackleton gearboxes are extensively used in a wide range of industries, including:

- Rolling mills for steel, aluminium and copper
- Wire and cable industry – ferrous and non-ferrous
- Oilfield industry
- Power stations

For more information about Shackleton Gearboxes and Drives, please contact:

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258 words / Photograph captions below:

Picture	Photo & Filename	Caption
1	 steelmill_gearboxes_1.jpg	Shackleton Gearbox Flying Shear Drive 55 kW 2.5 tonne  Die Set drive 62 kW 0.4 tonne
2	 steelmill_gearbox_3.jpg	Shackleton gearbox Uncoiler Drive Gearbox 17.5 kW 5.5 tonne With change speed
3	 steelmill_gearbox_1.jpg	Shackleton gearbox Slitter Main Drive 55 kW 2.5 tonne With change speed
4	 steelmill_gearbox_2.jpg	Shackleton gearbox Leveller Drive 200 kW 0.5 tonne With change speed

Web: [www.cablemachineryspares.co.uk](http://www.cablemachineryspares.co.uk)

