

APPLICATIONS

Tube Mills
Roller Table Conveyor Drives
Levellers

Flat Products
Boiler Table Conveyor Drives
Coilers & Uncoilers

Sinter Plants
Kiln Drives

Hot Rolling Mills
Mill Stands
Pinion Stands

Continuous Casting
Straighteners
Roller Conveyor Drives

Re-Heater
Boiler Table Conveyor Drives

Universal Beam Mill
Mill Stands
Roller Positioning

Sheering, Splitting, Finishing Operations
Roller Table Conveyor Drives

Ore Blending
Conveyor Drives
Stacker/ Reclaimers
Pelletiser

Blast, Arc, Secondary Steel
Furnace Tilt Drives

Primary Mill
Mill Stands
Pinion Stands

STEEL PROCESS

radicon 

with you at every turn



SERVICE & REPAIR

Our service engineers are ready and waiting 24 hours a day, 365 days a year, to provide the following services anytime, anywhere in the world.

Our dedicated service and repair engineers have the necessary expertise and experience to provide simple repair services through to complex overhaul projects in any industry on any brand of gearbox.



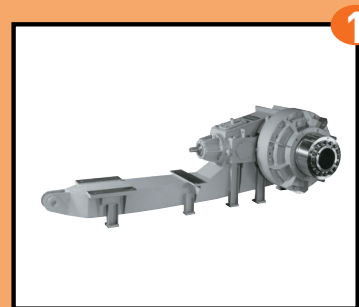
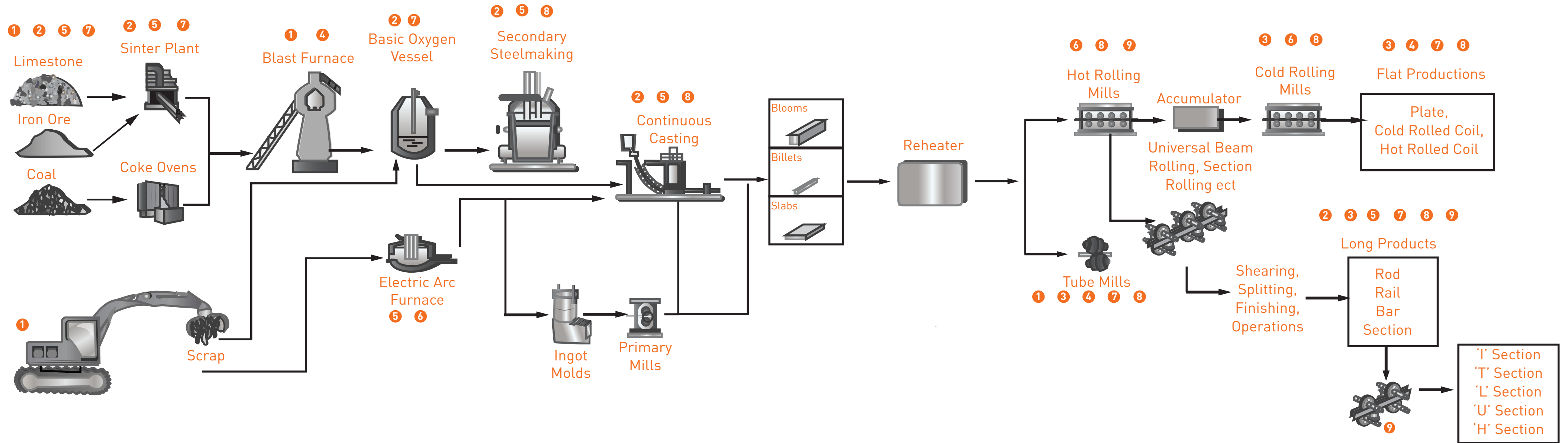
On-Site Services

Repairs, Overhauls & Upgrades

Drop in Replacement Gearboxes

Asset Management

Condition Monitoring & Fault Finding



BUCKET WHEEL DRIVE

Available in various sizes ranging from 25 to 375 kw and reduction ratio ranging from 140 to 480. The gear unit consists of four to five reduction stages comprising of bevel, helical and planetary gears all manufactured to the highest standards of quality



GEARED MOTORS

A range of geared motors, including inline, helical worm, helical bevel and shaft mounted. Flexibility of design ensures the geared motor range offers solutions to a variety of applications.

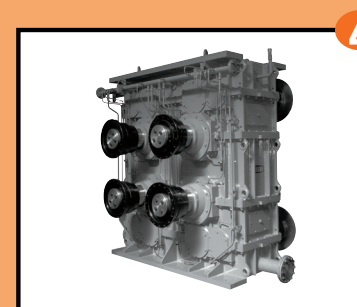
Input Power: Up to 110kW (147HP)

Output Torque: Up to 16,500Nm (146,000 lb.in.)



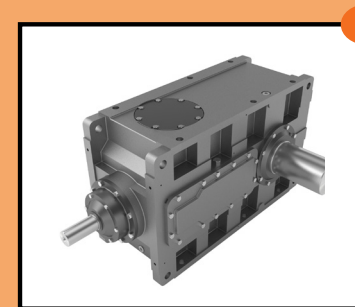
PINION STAND

Our pinion stands are flexible and durable and available in a range of ratios to suit all stages of the rolling process. Flexibility in design allows for replacement units to be manufactured offering increased power and load handling capabilities in the same footprint as the original unit.



MILL DRIVES

Specially designed heavy duty rolling mill drive gearboxes, manufactured to the highest standards to ensure the gearbox can withstand the high shocks associated with both hot and cold rolling. Available in different ratios to suit the customers exact requirements and are capable of transmitting input power up to 3,750 Kw.

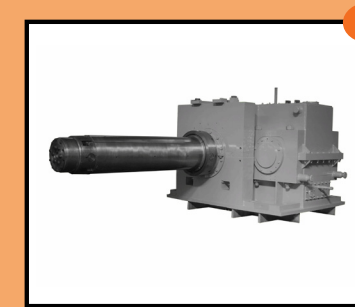


INDUSTRIAL GEARBOXES

Our range combines flexibility of design with reliability in operation, even in the most arduous, and demanding of environments.

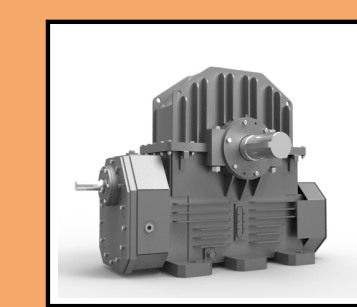
Input Power: Up to 4,825 kW (6,470 HP)

Output Torque: Up to 162,000 Nm (1,433,821 lb.in.)



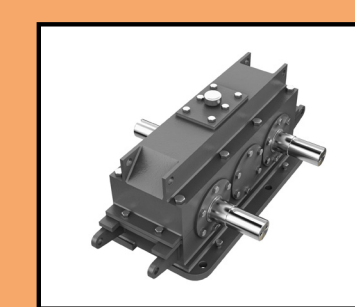
COILER/ UN-COILER, TENSION REEL & PAY-OFF REEL GEARBOXES

These gearboxes offer a robust design with high load carrying capacity and can be custom built to match the exact requirements of the customer up to 4,000Kw power. The robust design ensures durability and reliability to take the heavy loads of the coils during coiling, reeling and tensioning.



DOUBLE REDUCTION WORM

Constructed using two single reduction worm gear units with a primary gear unit mounted on a single worm gear to form the secondary stage. A range of ratios from 75:1 up to 4900:1 these worm gear units are ideal for high torque slow speed drives.



CUSTOM AND 'DROP IN' GEARBOXES

With many years of experience in designing, manufacturing and supplying gearboxes into the steel industry, we are more than capable of producing solutions that suit your requirements. Our engineering expertise enables us to offer reliable, durable and efficient solutions in any application within the steel industry.



SERIES BD SCREWJACKS

The ideal product to push, pull, lift, lower and position loads of anything from a couple of kilograms to hundreds of tonnes.

Load Capacity: 1 Kg to 100 tonnes

Lifting Speed: Up to 5m/min