

## 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

**benzlers**   
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.



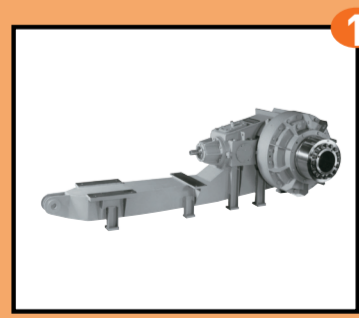
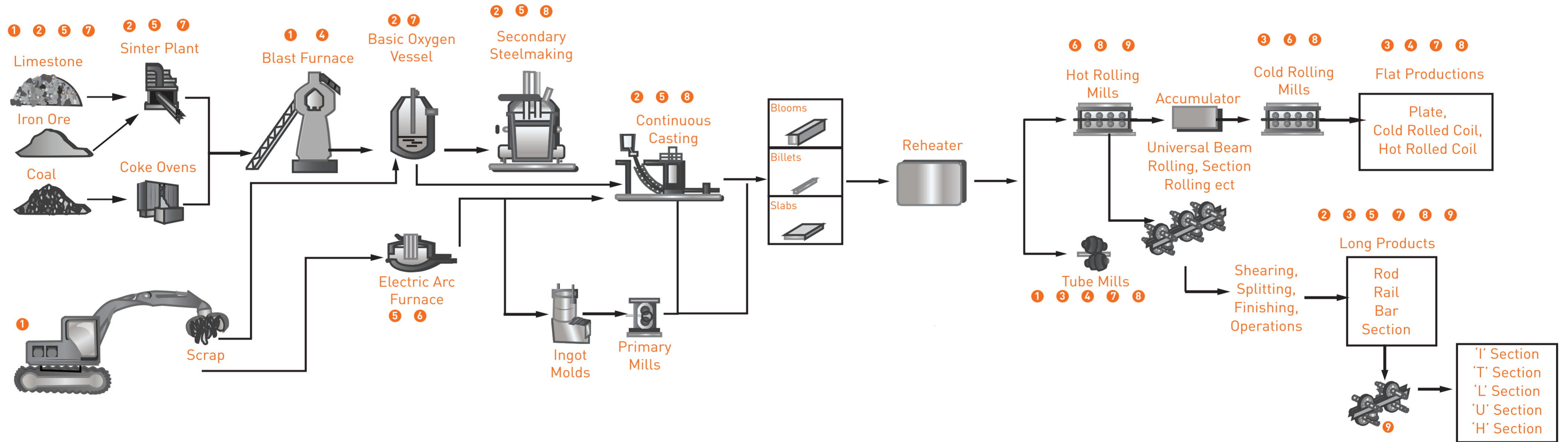
On-Site Services

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 in design ensures the geared motor range offers solutions to a variety of applications.

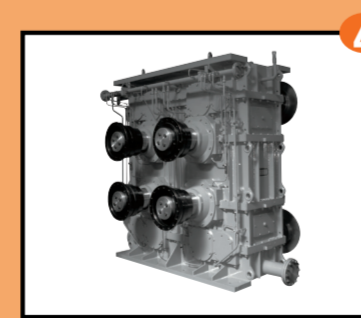
Input Power: Up to 110kW (147HP)

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



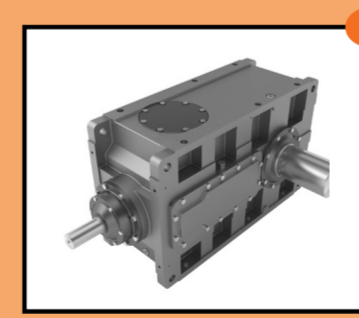
**PINION STAND**

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.

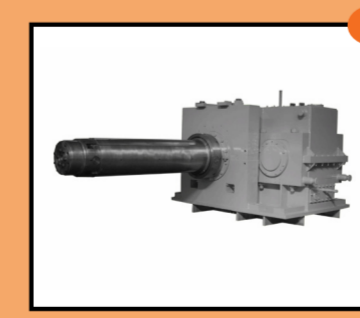


**INDUSTRIAL GEARBOXES**

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

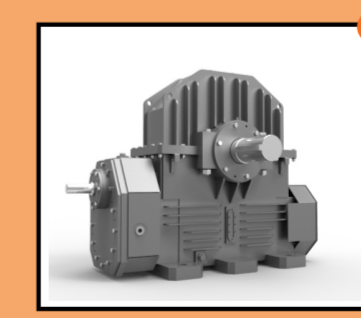
Input Power: Up to 4,825 kW (6,470 HP)

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



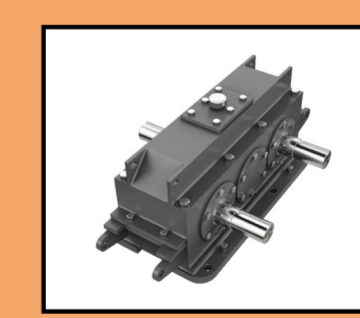
**COILER/ UN-COILER, TENSION REEL & PAY-OFF REEL GEARBOXES**

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.



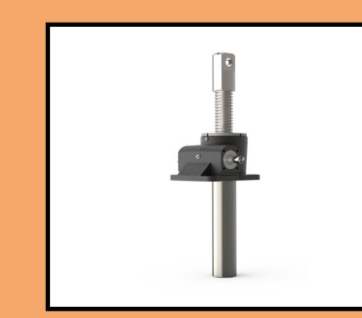
**DOUBLE REDUCTION WORM**

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