

APPLICATIONS

Coal Handling
Conveyor Drives
Stacker/ Reclaimers Drives

Cooling Tower/Steam Condenser
Fan Drives

Coal Crushers (Pulverisers)
Vertical Planetary Drives
E-Mill Drives

Air Preheater
Air Preheater Drives

Slurry Pump Drives
Single Stage Gearboxes

Ball Mill Drives
Dual Tandem Drives
Main Mill Drives

Boiler Feed Pumps
High Speed Drives

Ash & Gypsum Handling
Conveyor Drives

Main Steam Turbines
High Speed Drives

POWER GENERATION

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.

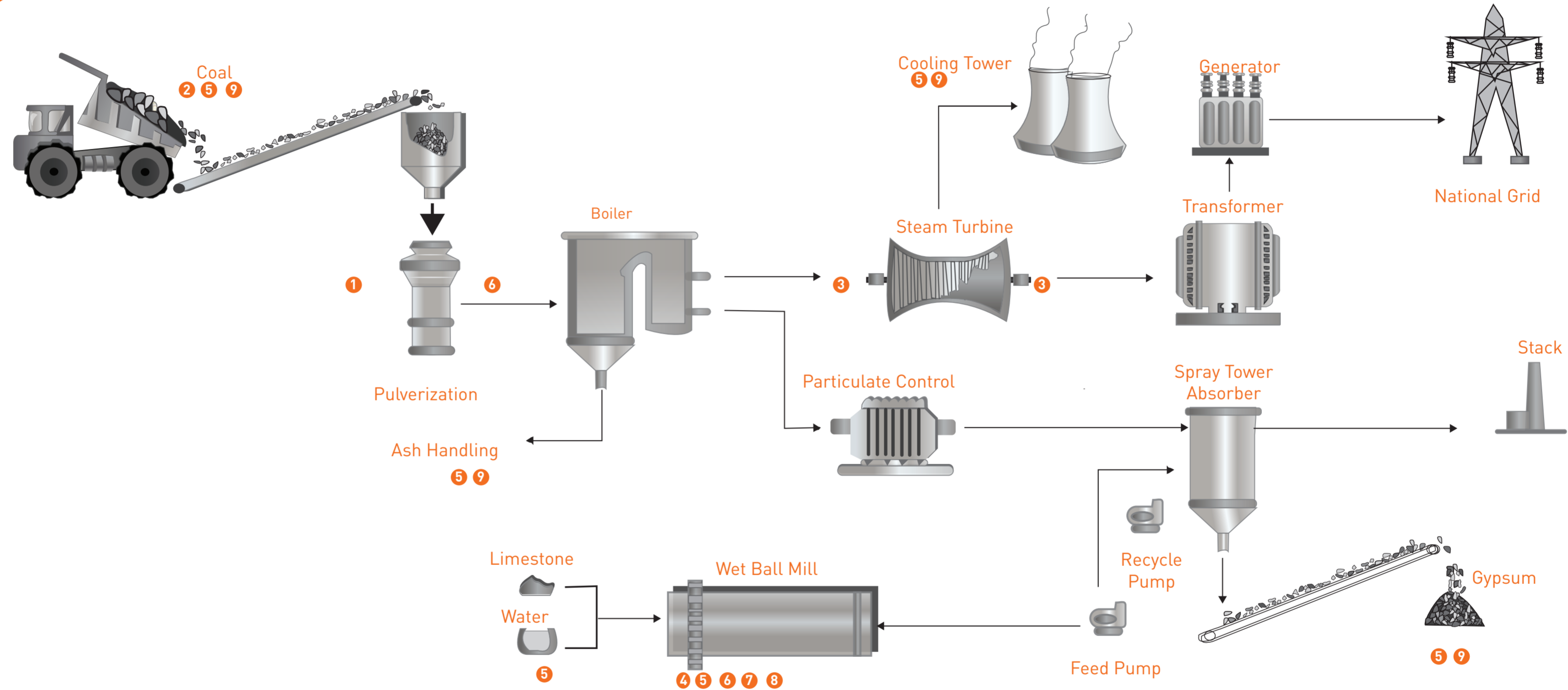
On-Site Services

Repairs, Overhauls & Upgrades

Drop in Replacement Gearboxes

Asset Management

Condition Monitoring & Fault Finding



VERTICAL MILL DRIVES

Vertical Mill Drives offer outstanding performance in handling the large axial loads and overload conditions normally experienced in power generation applications. Specifically designed with reliability and durability at the forefront, our engineering capabilities ensure we can engineer drop in solutions that exactly match current mill dimensions, minimising disruption and costs.



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)



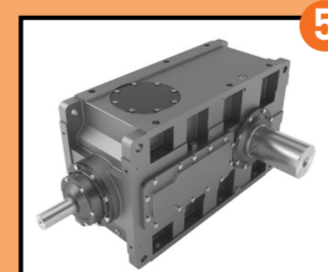
HIGH SPEED GEARBOXES

We can supply High Speed Gearboxes that can operate at speeds upwards of 10,000 rpm with input powers over 23,000kW. Our design expertise ensures solutions can be designed to match the existing products footprint, whilst offering performance and efficiency benefits. An ideal solution for critical applications such as pumps, compressors, steam and gas turbines and generators.



DUAL TANDEM

Dual tandem gearboxes are parallel gearboxes manufactured from high tensile carburising alloy steel. The gearboxes can be fitted with full lubrication systems and are manufactured with three piece housing for ease of maintenance.

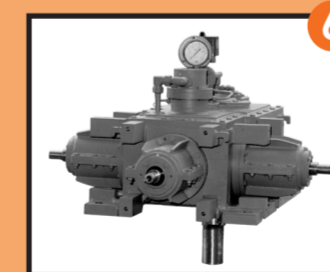


INDUSTRIAL GEARBOXES

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.)



AIR PREHEATER DRIVES

Air preheater drive gearboxes are manufactured with multiple input shafts and one single vertical output with automatic inbuilt clutches which enable prime movers to be switched if a drive fails or maintenance is required. Supplied in a ratio range from 100:1 up to 150:1 and up to a power capacity of 25 Kw.

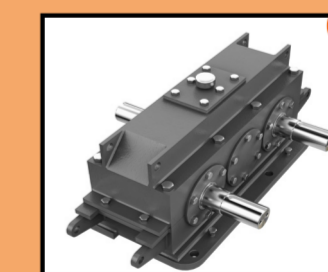


PLANETARY GEARBOXES

Dimensionally interchangeable with other major manufacturers and is designed to be easily modified to suit more custom requirements. The range offers high load carrying capacity, high efficiency, quiet running and reliability.

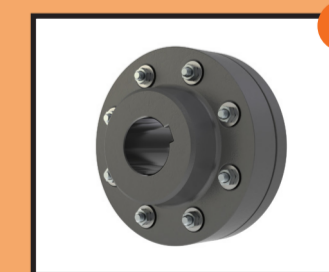
Input Power: Up to 30kW (40HP)

Output Torque: Up to 12,000Nm (106,000 lb.in)



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.



FLEXIBLE COUPLINGS

A comprehensive range of shaft couplings, incorporating, gear type, pin and bush type, Nylon and mechanical torque limiting type, allowing both parallel offset and angular misalignment.

Output Torque: Up to 1.1 Million Nm

Shaft Diameters: Up to 540mm