



MINING INDUSTRY

>> One Single Partner for all Your Needs <<

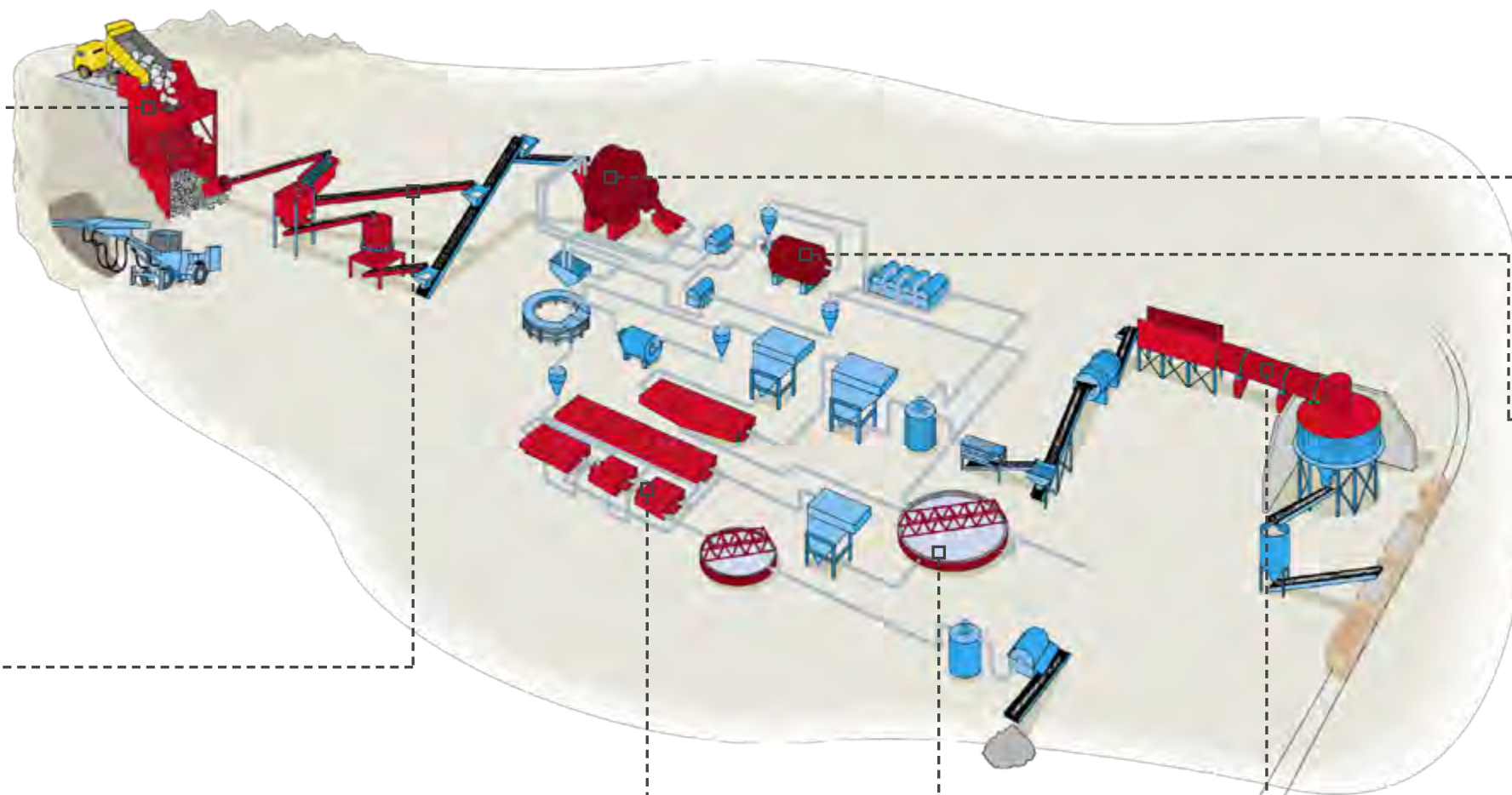
Gear \varnothing 13020 mm - in FerryNod[®] 320
Dual drive – 2x6750 kW



CRUSHING



MATERIAL HANDLING



GRINDING SAG MILL



GRINDING BALL MILL



FLOTATION



THICKENING



PYRO / SMELTING



CRUSHING

GYRATORY CRUSHERS

Spiders



CONE CRUSHERS

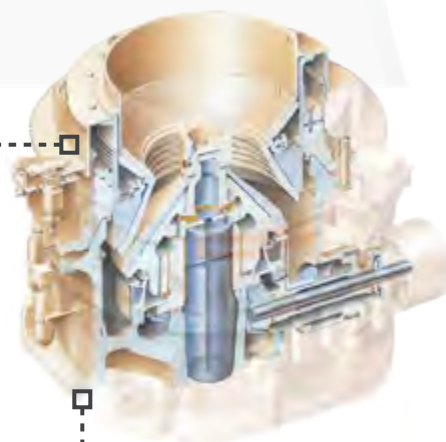
Spiral-bevel gear sets



Adjustment rings



Cone crusher body



Eccentrics



Heads

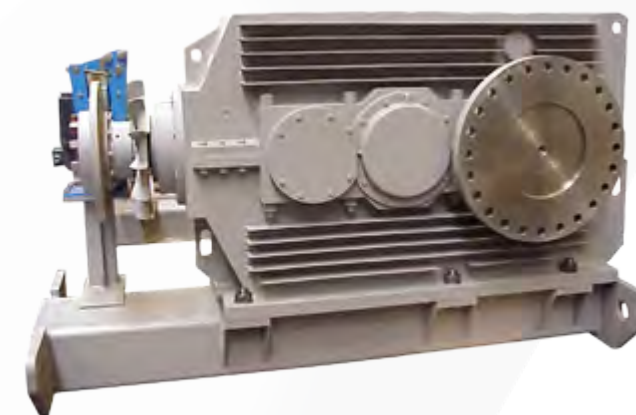


MATERIAL HANDLING

CONVEYORS



ERmaster for belt conveyors



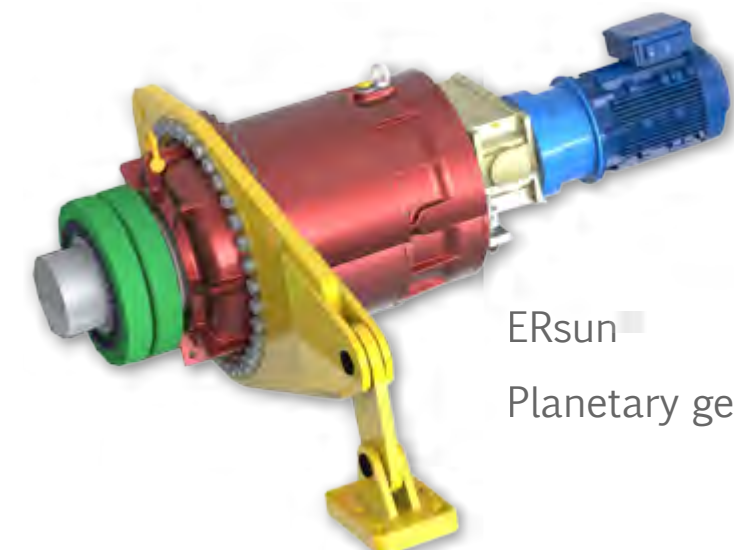
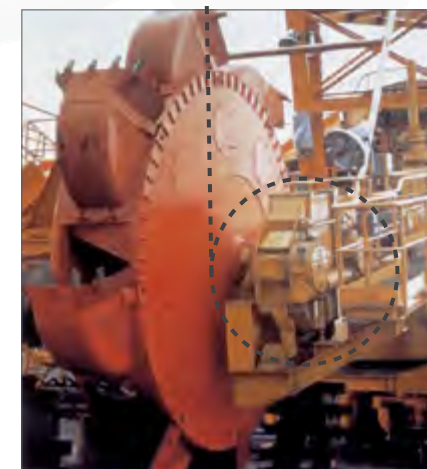
Worm gear drives



BUCKET WHEELS

Bucket wheel

Bogiflex gearbox



ERsun

Planetary gearbox

GRINDING (Ball and SAG Mills)



Bearings



Girth gears



Scan this QR Code to watch the video of VBCM16:



Ball Mill head in halves



SAG Mill Heads



Pinions



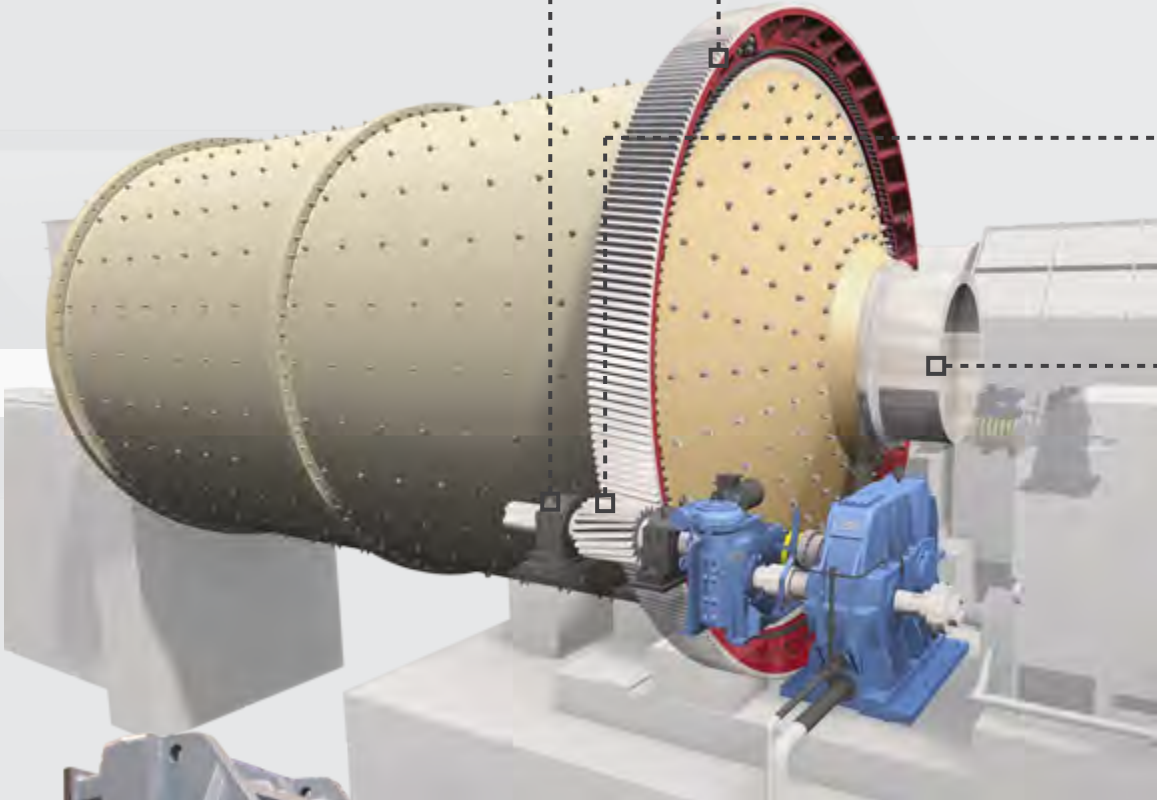
Pinions – sub-assembled



Spring Coupling



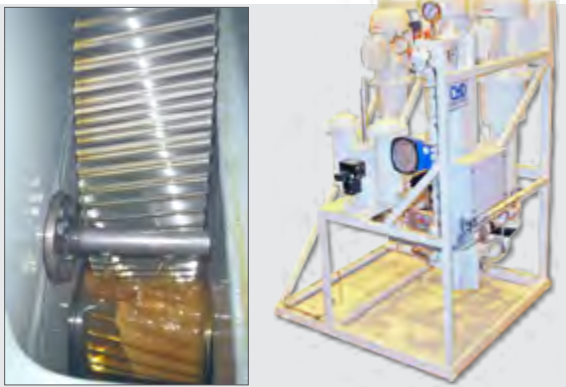
Teeth Coupling



Trunnions



Lubrication units



■ Compact lateral drives

■ Millrex
Dual-pinion self-aligning drive
(2,3 & 4stages)



ERmill
Single-pinion self-aligning drive

■ Parallel-shaft reducers

ERmaster
Single and multi-stage reducers



ERmaster
Inching drive brake system



Rotary dryer

Lime kiln

Shafted support rollers

Bogiflex KGD self-aligning
kiln gear drive

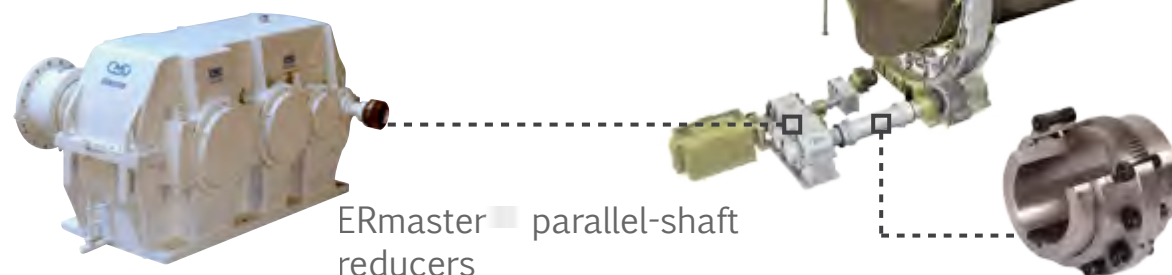
ERmaster parallel-shaft
reducers



Support rings (cast steel or ductile iron)



Bogiflex "type BFT"
central drive



THICKENING AND CLARIFICATION

Worm gear drives (rotation/lift functions)



FLOTATION AND AGITATION



ERmaster reducer units for high capacity cells

OUR ADDED VALUE



Test bench

- Multiple in-house test benches for product development and run-testing of custom gearboxes

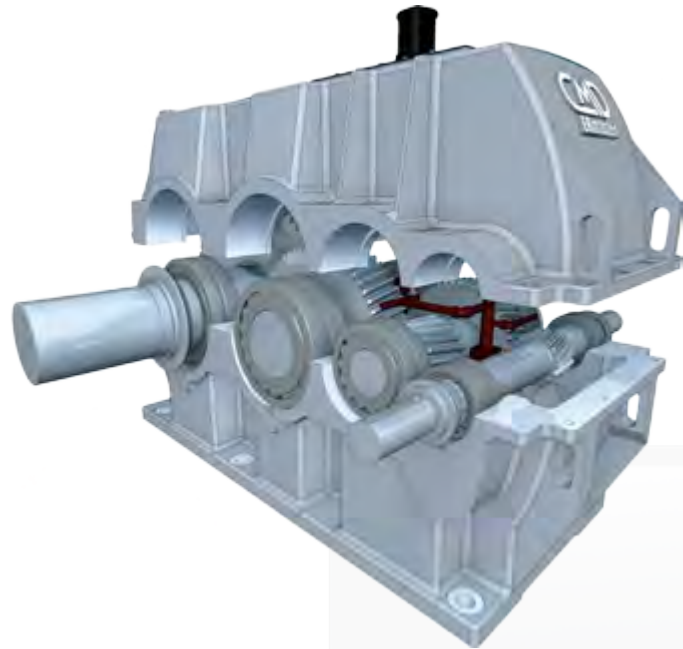
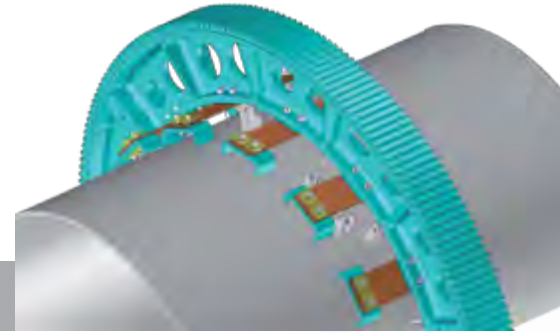


- Gear drive training center



OUR ADDED VALUE

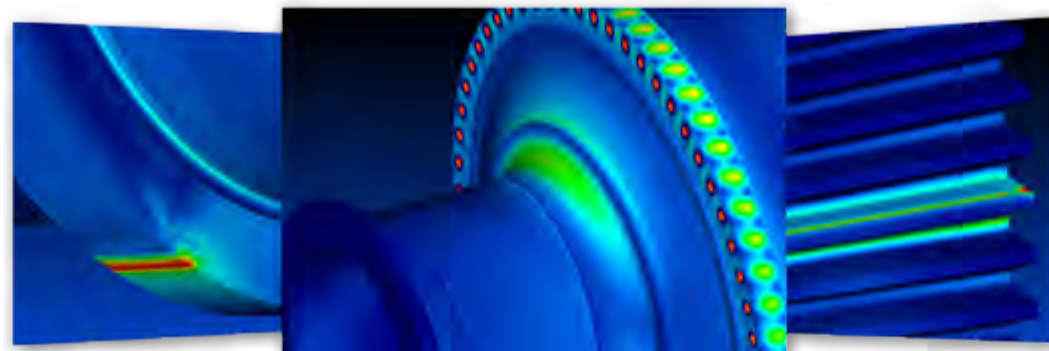
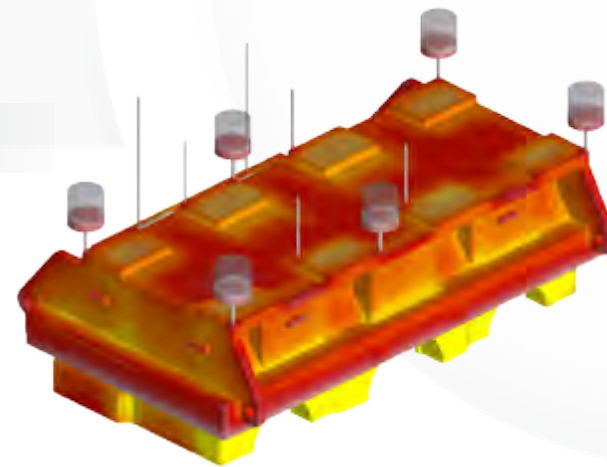
R&D - ENGINEERING



- Finite Element Analysis (FEA)
- Solidification and Flow Simulation Modeling
- Mechanical drive train design (open and enclosed gearing)
- Development of custom mechanical couplings
- Conversion of fabrications to castings (iron or steel)
- Technical staff of approx. 100 engineers/technicians
- Multiple patents each year

MATERIAL DEVELOPMENT

- Proprietary metal casting grades (FerryNod®, Ferrynox)
- Full metallurgical test lab



SERVICE

Over thirty qualified engineers and technicians within Groupe CIF are capable of travelling the world over for operations ranging from installation and commissioning of supplied products, to preventive maintenance and technical assessments.

- Reverse Engineering
- Supervision - Commissioning
- Monitoring
- Assessments/Recommendations
- Refurbishment of all types/brands of gearboxes





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