



• TOUGH • RELIABLE • COOL • EASY TO SERVICE • QUIET • SHIPS FAST • GL... RELIABLE • COOL •

Coal Mining Applications

Conveyors

Belt
Drag
Pan
Apron
Stacking
High Incline

Elevators

Bucket/Chain
Bucket/Belt

Reclaimers/ Stackers

Radial
Traversing
Slew

Feeder Breakers

Loaders/ Unloaders

Rail
Truck/Car
Barge/Ship

Classifiers

Rotary
Spiral

Crushers

Cone
Jaw
Roll
Gyratory

Dryers

Drum
Rotary
Vertical

Pumps

Mud
Rotary
Displacement
Slurry

Tough. Reliable. Cool. Easy to service. Quiet. Proven.

Coal Mining:

The Falk V-Class™ drive delivers the difference

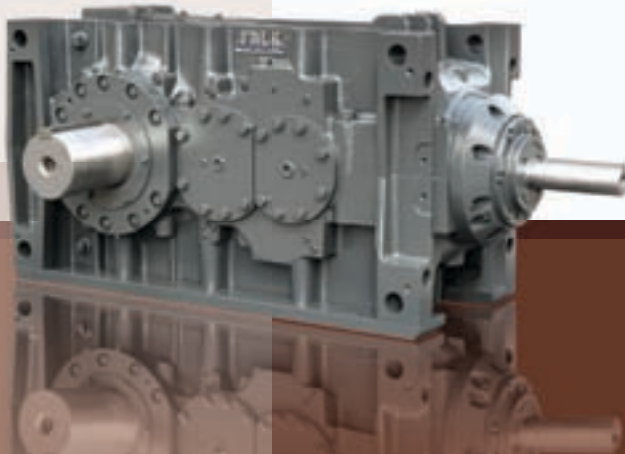
The demands of the coal mining industry are nothing new to Falk drives. For more than 100 years, mining companies around the world have relied on our drives to power conveyors and equipment in facilities above and below ground, move raw materials through every stage of the mining process, and carry residual materials out of the way.

The Falk V-Class is built to handle even bigger challenges. It takes on the toughest jobs, delivering power, durability and reliability under the most difficult conditions.

Designed for maximum dependability

When uptime matters, the Falk V-Class delivers:

- **Maximum performance under load** – Proven Falk legacy advanced gearing offers optimized tooth size and shape
- **Easier to service** – Horizontally split housing outperforms all competitors
- **Cooler running box** – Computational Fluid Dynamics (CFD) housings, fins, and oil flows deliver the industry's coolest performance. Add the optional DuraPlate™ patent-pending cooling system or split fan for even greater cooling.
- **Seal oil in, keep dirt out** – Falk Magnum seals use DrainBack technology and grease-purgeable lip seals
- **Proven bearings** – Enhanced-rated bearings are commercially available and can be conventionally installed
- **Improved thermal performance** – Housing design uses oil dams and troughs to ensure bearing lubrication and optimal oil level
- **Versatility** – Modular gear and component designs maximize configurations and installations, and minimize duplication of spares
- **Industry's longest standard warranty** – 36 months



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Hard Rock Mining Applications

Conveyors

Belt
Drag
Pan
Apron
Stacking
High Incline

Elevators

Bucket/Chain
Bucket/Belt

Reclaimers/ Stackers

Radial
Traversing
Slew

Feeder Breakers

Loaders/ Unloaders

Rail
Truck/Car
Barge/Ship

Classifiers

Rotary
Spiral

Crushers

Cone
Jaw
Roll
Gyratory

Dryers

Drum
Rotary
Vertical

Feeders

Belt
Flight
Plow/Rotary

Flotation Cells

Mills

Autogenous
Ball
Bowl
Mill/Dryer
Pulverizer
Rod
Roller

Mixers and Blenders

Blender, Flotation
Mixer, Batch
Mixer, Continuous
Thickener

Pumps

Mud
Rotary
Displacement
Slurry

Separators

Magnetic
Smelter

Tough. Reliable. Cool. Easy to service. Quiet. Proven.

Hard Rock Mining:

The Falk V-Class™ drive delivers the difference

Moving ore is all in a day's work for Falk drives. Nickel, copper, zinc, platinum, gold – whether you are developing a Greenfield site or upgrading an existing application, we have the experience and expertise to ensure success.

For more than a century, Falk drives have been used in hard rock mining operations around the world. The Falk V-Class takes on the toughest jobs, delivering power, durability and reliability under the most challenging conditions.

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Cement and Aggregate Applications

Conveyors

Belt
Drag
Pan
Apron
Stacking
High Incline

Elevators

Bucket/Chain
Bucket/Belt

Reclaimers/Stackers

Radial
Traversing
Slew

Loaders/Unloaders

Rail
Truck/Car
Barge/Ship

Blenders

Classifiers

Rotary
Spiral
Planetary

Crushers

Cone
Jaw
Roll
Gyratory

Dryers

Drum
Rotary
Vertical

Feeders

Belt
Flight
Plow/Rotary

Filter Presses

Mills

Autogenous
Ball
Bowl
Mill/Dryer
Pulverizer
Rod
Roller

Mixers and Blenders

Blender
Homogenizer
Mixer, Batch
Mixer, Continuous
Pugmill

Pumps

Mud
Slurry

Separators

Magnetic

Waste Fuel Handling

Blender

Tough. Reliable. Cool. Easy to service. Quiet. Proven.

Cement and Aggregate:

The Falk V-Class™ drive delivers the difference

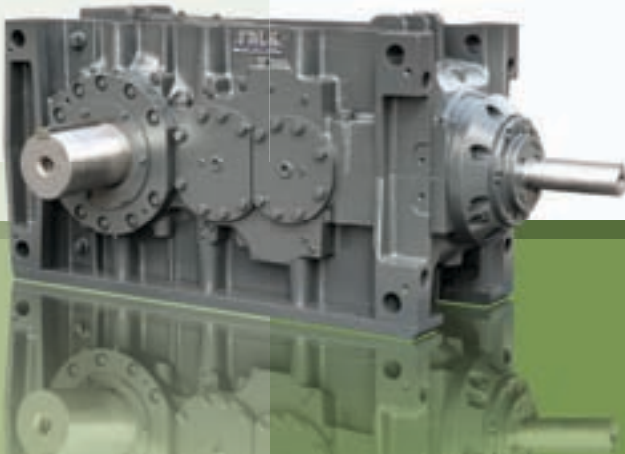
Cement is the most widely used building material in the world – and Falk drives have been integral to that industry for more than 100 years. Whether moving tonnage or powering other necessary equipment, our drives have been steadfast partners in the extreme conditions commonly found in aggregate and cement operations.

The Falk V-Class handles challenging conditions with ease. It takes on the toughest jobs, consistently delivering power, durability and reliability day after day.

Designed for maximum dependability

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Pulp and Paper Applications

Power Plant

Coal Conveying
Mixers/Agitators
Cooling Towers

Sawmill Log Deck

Log Deck
Drum Debarker

Sawing

Carriage Drive

Drying

Conveyor

Paper Trimmers

Conveyor

Woodyard

Stacker
Hoist/Crane
Debarking
Drum
Log Deck

Chemical Recovery

Agitator
Mixer
Lime Kiln
Drag Conv.
(lime)

Bleach Plant

Agitator
Mixer

Wastewater

Aerator
Belt Press

Dry End

Press Roll
Suction Roll

Wet End

Vacuum Pump
Screw Pump
Vacuum Filter
Fan Pump
Fourdriner
Couch Roll

Finishing

Size Press
Reel
Winder

Digesters

Rotary Valve
Digester
Mixer

Pulp Screws

Screw Conveyor
Screw Feeder

Difibrators

Pulper

Agitators
Blow Tank

Pulp Washers

Washer/
Thickener
Drum
Filter Press

Lime Elevator

Lime Kiln

Lime Conveyor
Drag/Belt

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Pulp and Paper

The Falk V-Class™ drive delivers the difference

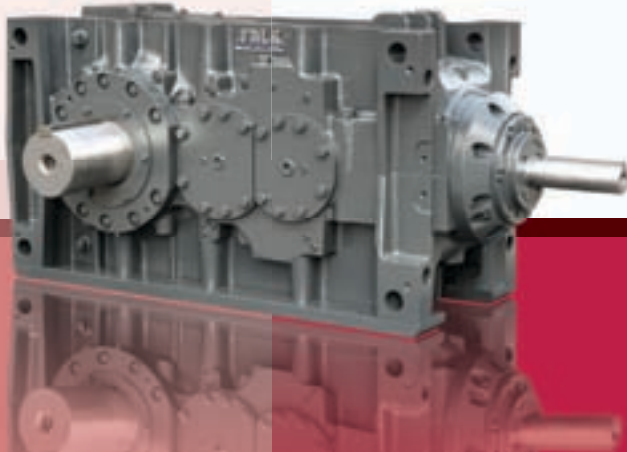
Making paper mills more efficient is at the heart of what we do. From the woodyard, to the sawmill, to the manufacturing process itself, versatile Falk drives have been part of the pulp and paper industry for more than 100 years.

The Falk V-Class delivers power, durability and reliability under the most challenging conditions. It's the best answer to the question: How do I keep my paper mill up and running?

Designed for maximum dependability

When uptime matters, the Falk V-Class delivers:

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Power Generation Applications

Conveyors

Belt
Drag
Apron

Reclaimers/ Stackers

Radial
Traversing
Slew

Loaders/ Unloaders

Rail
Truck/Car
Barge/Ship

Elevators

Bucket/Chain

Classifiers

Rotary
Spiral

Crushers

Cone
Jaw
Roll
Gyratory

Dryers

Drum
Rotary
Vertical

Feeders

Belt
Flight
Plow/Rotary
Screw
Volumetric
Weigh

Tough. Reliable. Cool. Easy to service. Quiet. Proven.

Power Generation: The Falk V-Class™ drive delivers the difference

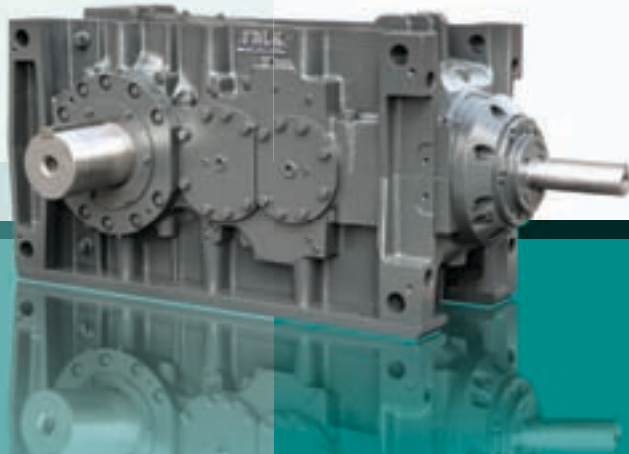
Whether your operation is on land or miles offshore; petroleum, gas, coal, or wind; Falk engineers the process and products you need to maintain maximum uptime. For more than 100 years, our drives have been powering the power industry, delivering the fuel that keeps our country running.

The Falk V-Class takes on the toughest jobs in the energy industry. It's the drive you can rely on for power, durability and reliability under the most challenging conditions.

Designed for maximum dependability

When uptime matters, the Falk V-Class delivers:

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RENEW keeps you up and running

When you choose RENEW, you have access to a wide range of services, all designed to help you boost production. These include:

- Repair
- Field Service
- Training
- Facility Audits
- Engineering and Technical Support



24/7/365 service maximizes uptime

The Falk V-Class™ drive delivers the difference

For more than a century, Falk drives have been recognized for their superior quality and durability by companies around the world. The Falk V-Class is designed to take on the toughest jobs, delivering power, durability and reliability under the most challenging conditions.

To ensure continued high performance, we back the Falk V-Class with an industry-leading 3-year warranty and provide field service technicians and engineering support around the clock.

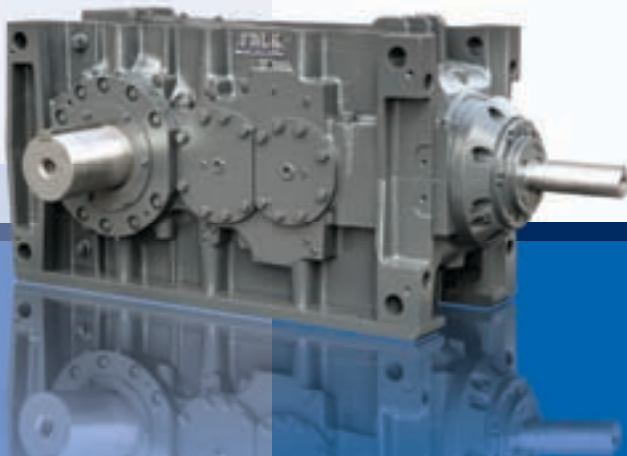
Falk RENEW® – the best service record in the industry

Falk RENEW is no ordinary service program. It is the one resource you can trust to keep your drive system components operating at peak levels. We have the best service record in the industry because we are committed to providing:

- Quality
- Speed
- Technical leadership
- Accountability
- Lowest total cost of ownership

Using Falk RENEW, you get all the benefits of working with an industry leader:

- Financial size and strength
- Experience and design knowledge
- No surplus or used parts
- Investment in equipment, people and processes
- Commitment to providing solutions
- Proven performance in your facility
- Continuous improvement through daily management



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