



# Redefining Reliability

IN CEMENT & AGGREGATE APPLICATIONS



OUR INNOVATION MOVES

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 — and with the addition of the Smart Condition Monitoring System®, is redefining reliability.



## CEMENT & AGGREGATE: THE FALK V-CLASS DRIVE DELIVERS THE DIFFERENCE

### Designed for maximum reliability

When uptime matters, the Falk V-Class delivers:

- **Maximum performance under load** — Proven Falk legacy advanced gearing offers optimized tooth size and shape
- **Enhanced reliability** — Smart Condition Monitoring System for continuous monitoring solutions ranging from overall gear drive vibration and temperature up to comprehensive cloud-based notification of abnormalities
- **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

## Cement & 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

### Waste Fuel Handling

Blender

### Dryers

Drum  
Rotary  
Vertical

### Crushers

Cone  
Jaw  
Roll  
Gyratory

### 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



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