



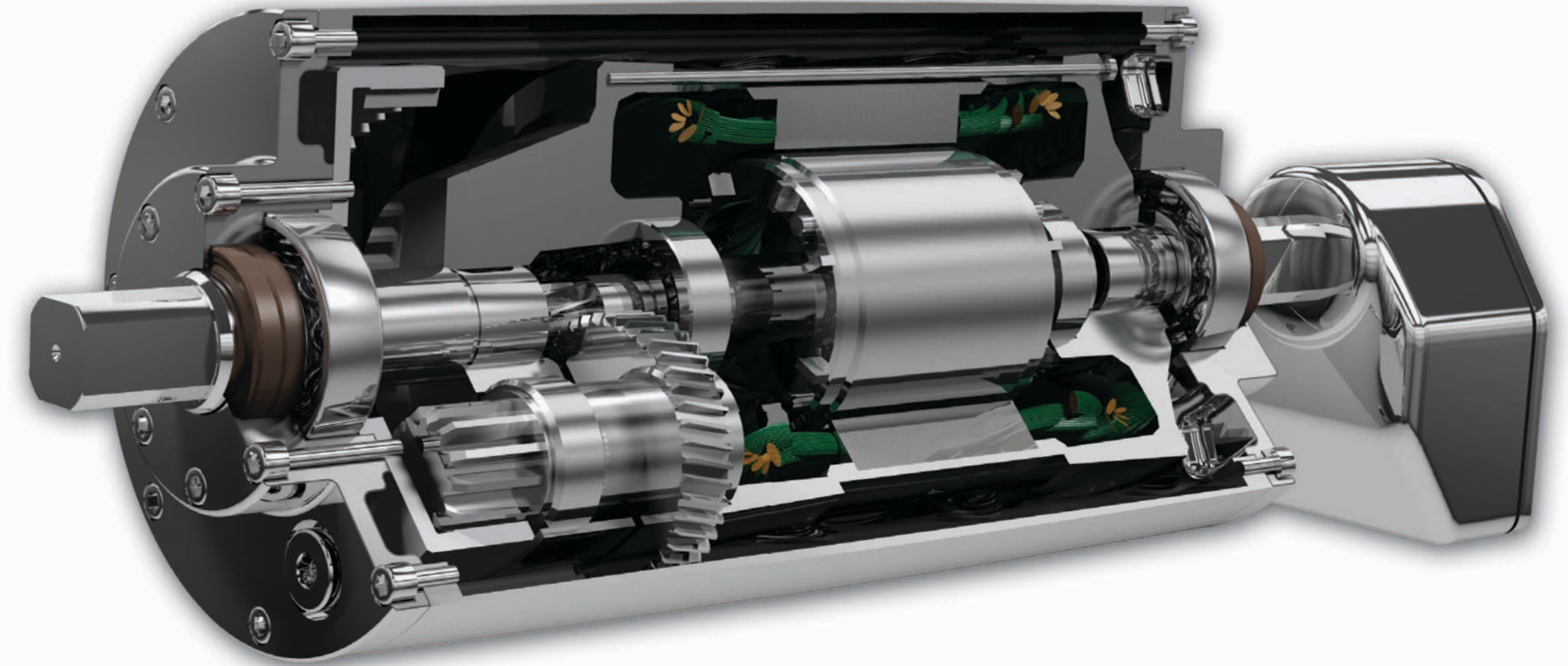
*Van der Graaf has provided solutions to the material handling industry for over half a century. By making consistent investments in factory automation over the years, Van der Graaf continues as the leading global supplier of conveyor belt drives for a broad range of industries. Whether it's an explosion-proof motor for driving coal mine conveyor belts or sanitary drives in a food processing plant, Van der Graaf has innovative designs to solve application challenges.*

*Van der Graaf has adhered to a simple principle: design a superior product to meet customer needs in a changing marketplace.*

*Van der Graaf offers outstanding application engineering and customer service for high quality products and years of low maintenance performance. Our products and people are trusted around the world for reliable performance and personal service.*

# MINING AND AGGREGATES

## Conveyor Drives for Harsh and Abrasive Environmental Conditions





# CONVEYOR DRIVES FOR HARSH AND ABRASIVE ENVIRONMENTAL CONDITIONS.

Mining and aggregate processing equipment operates continuously under harsh conditions creating constant maintenance concerns. Abrasive environments that include dirt, dust, grit and humidity place extraordinary demands on conveyor belts and drive units. Heavy loads and impact shock intensify these assaults on the entire conveyor system. Specifically engineered Van der Graaf Drum Motors are built to endure these extreme conditions and handle the demands of virtually every application.

The Van der Graaf Drum Motor or motorized pulley houses all components internally, eliminating the need for external components like motor, gearbox, chain, chain guard and pillow block bearings. This reduces operating and maintenance costs, improves safety conditions and because it is completely sealed our drum motors can operate in extreme environmental conditions.

The low profile motor features heavy-duty bolt-on cast iron end caps, combined with heavy duty mining grade cassette seals that resist corrosion and contamination. Heavy duty subcomponents ensure long life and reliable operation.

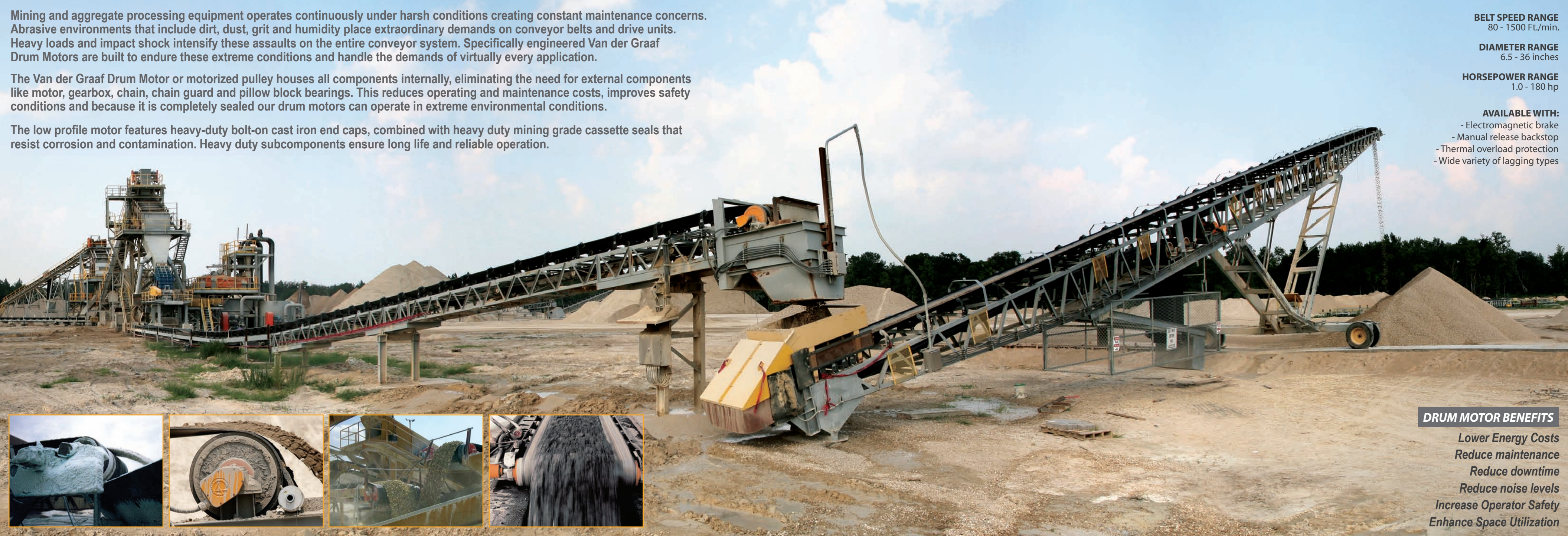
**BELT SPEED RANGE**  
80 - 1500 Ft./min.

**DIAMETER RANGE**  
6.5 - 36 inches

**HORSEPOWER RANGE**  
1.0 - 180 hp

**AVAILABLE WITH:**

- Electromagnetic brake
- Manual release backstop
- Thermal overload protection
- Wide variety of lagging types



**DRUM MOTOR BENEFITS**

- Lower Energy Costs
- Reduce maintenance
- Reduce downtime
- Reduce noise levels
- Increase Operator Safety
- Enhance Space Utilization

