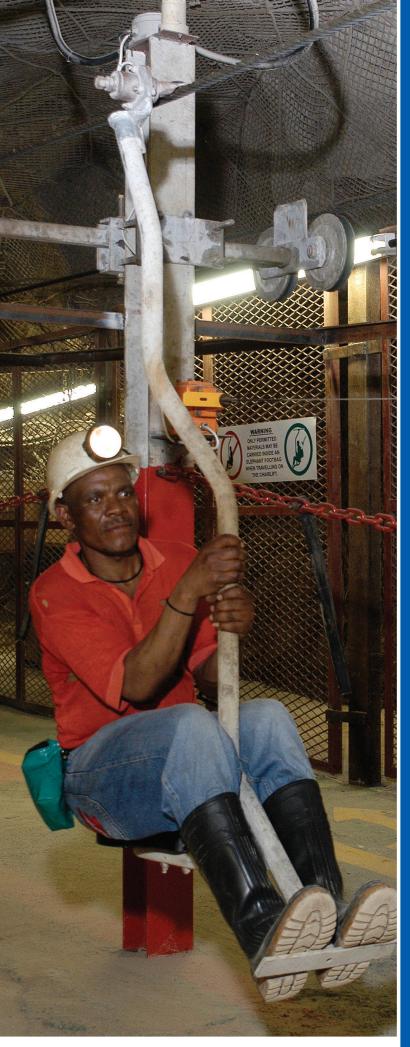


CHAIRLIFTS

- Ergonomic design for ease of maintenance
- Ideal personnel transportation in long haulages, steep declines & inclines
- Unique safety features include:
 - Rope slip sensor
 - Passenger override sensor
 - Fail safe brake sensor
 - Intelligent pull key system





Becker Mining South Africa responds to difficult mining conditions with cutting edge technology in underground transport systems.

Our goal is to offer the highest standard in terms of safety and efficiency and to supply transportation solutions in all underground mining applications.

Becker's sophisticated system have been tried and tested across the industry – from individual small transport applications to complete turnkey operations.

Our services extend from consulting, design, engineering and component supply to assembly, comprehensive training and a flexible after – sales services – and, to guarantee optimum technology and economic results, we have established co operation with most reliable and internationally recognised manufacturers and partners.

In underground sites with steep inclines, long haulages and a large number of workers, man riding has become a highly important necessity, largely due to improved safety regulations, ergonomic comfort and cost-savings.

Chairlifts systems are ideal whenever personnel have to be hauled efficiently, rapidly and safely in inclines and declines.

Two standards are available:

- Friction rope grips suitable for gradients less than 13 degrees.
- Fixed rope grips suitable for gradients more than 13 degrees.

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FEATURES

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DRIVE UNIT

- Ergonomic design for ease of maintenance.
- Geometric precision for maximum use of balance and design strength.
- Three sizes available for interchange ability:
 - 22kw 37kw
 - 45kw 75kw
 - 90kw 132kw
- Supplied with becorit inserts for enhanced friction capabilities.

RETURN UNIT AND TENSIONING ARRANGEMENT

- Return wheel is supplied with polyamid inserts for quick release of rope spin.
- Ergonomic design for ease of maintenance.
- Geometric precision for maximum use of balance and design strength.
- Galvanised for corrosion protection.
- Streamlined design.



- Hydraulic applied spring released brakes on the drive wheel brake path.
- Secondary and primary brakes are capable of holding entire out of balance load.
- Galvanised for corrosion protection.
- Streamlined design.
- Working platform can be attached to upper frame.

- Drive unit is equipped with a VSD or a soft start.
- The fail safe brake is spring applied and hydraulically released.
- The chairlift can also be used to transport injured workers.



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SPECIFICATIONS

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The system features a simple structure, ease of maintenance, wide application, greater safety and improved efficiency.

Length of installation	Up to 2000m
Inclination	0 – 45 Degrees
Personnel per hour	Up to 900
Drive power	22kw - 132kw
Drive speed	1.5m/sec - 3m/sec
Sheave wheel diameter	900, 1200, 1500, 1800mm
Tensioner	Gravity or hydraulic





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