

Bradken® Undercarriage for PC7000 Excavators



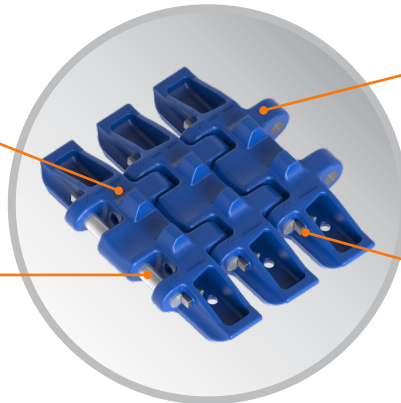
Bradken has long been the designer and manufacturer of crawler shoes for PC5500 and PC8000 ultra-class range of machines, with over 8,200* shoes delivered in the past decade, equating to 88 machine fitments.

This knowledge and expertise in the Komatsu PC range of excavators has now been utilized to develop undercarriage solutions for the PC7000 range.

**Enhanced
Replacement
Product**

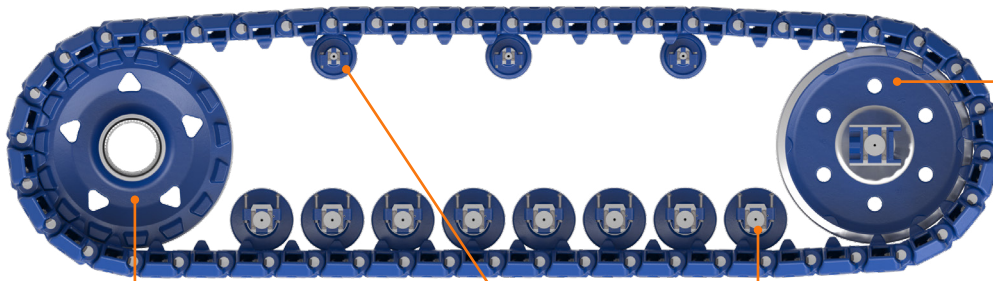
Superior induction hardening processes maximise the case depth to increase wear life and reduce maintenance requirements.

High strength Ni-Cr-Mo steel pins, with superior toughness to other suppliers.



Fully interchangeable with OEM crawler shoes and components.

Eccentric Bolt with Security Locknuts for reliable maintenance-free pin retention.



Drive Tumblers

- High strength proprietary alloy.
- Deep induction hardened roll path and drive lugs.

Return and Load Rollers

- Forged roller shell with induction hardened roll path.
- 4340 axle with induction hardened running surfaces.
- Manganese bronze bushes.
- Grease or oil filled.

Front Idlers

- Deep induction hardened roll path.
- High strength proprietary alloy.
- 4340 axle with induction hardened running surfaces.
- Manganese bronze bushes.
- Grease or oil filled.



Our Innovation. Your Advantage.

*Bradken delivery results between 2016-2023.



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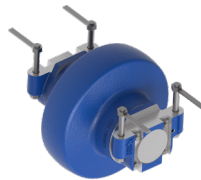
Our proven track record in design and manufacturing capabilities for these machines has been demonstrated through the delivery of improved wear results of our crawler shoes, with 35% longer wear life for Bradken shoes[#] measured in comparison to competitors' shoe wear life.



Crawler Shoes



Drive Tumblers



Return Rollers



Load Rollers



Idlers

The Bradken PC7000 Undercarriage main features:



Quality Assurance

Eliminated and optimised transitions to reduce cracking during casting, heat treatment, and operation.

Optimised sections designed for superior performance throughout entire wear life.

Pillar of strength increases effectiveness of heat treatment quench while supporting roller path.



Proven Capability

Suitable for emergency spare parts.

Increased wear life, reduced spalling, and reduced toenailing.
Reduced roll path breakout and failure.

Superior mechanical properties, reducing late-life failures.
Greater impact strength, hardness and hardening depth.



Proven Track Record

Over 8,200 shoes delivered in the past decade, equating to 88 machine fitments in the PC 5500 & 8000 excavator range.

Interchangeable with OEM shoe. Bradken through-hardened material provides consistent, low-wear rates throughout the life of the crawler shoes.

Improved Roll Path Support.
Optimised Internal Geometry.
AISI 4340 Connecting Pins.



Our Innovation. Your Advantage.

*Results of Case Study undertaken in Oil Sands conditions in Alberta Canada, on the PC8000 crawler shoes compared with competitor shoes in same conditions. Bradken Undercarriage to fit PC7000 Excavators Flyer - REV0 April 2024 BRADKEN© 2024 All company names, logos, and identifying marks used throughout this publication are the property of their respective trademark owners, they are used for descriptive purposes only.

