

Bradken® Undercarriage for PC7000 Excavators



Bradken has long been the designer and manufacturer of aftermarket 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 utilised to develop undercarriage solutions for the PC7000.

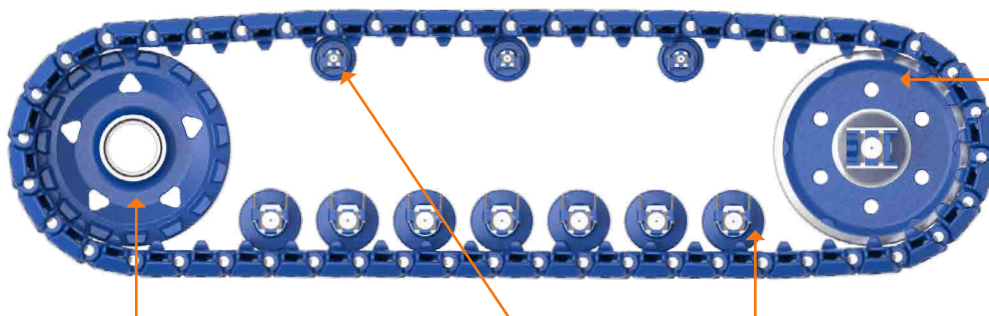
**Enhanced
Replacement
Product**

Bradken's application-engineered through hardened alloy increases wear life, reduces cracking, minimises toenailing, and reduces the potential for hazardous shards.

High strength Ni-Cr-Mo steel pins deliver superior toughness compared with other suppliers.

Fully interchangeable with OEM crawler shoes and components.

Enhanced Bradken bolt with Security Locknut minimises pin float and provides 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.



Bradken® Undercarriage for PC7000 Excavators



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



Crawler Shoes



Drive Tumblers



Load Rollers



Return Rollers



Idlers

The Bradken PC7000 Undercarriage main features:



Reliability

Bradken's crawler shoes for Komatsu HEX undercarriages feature Bradken's patented 'Pillar of Strength' and other design enhancements providing superior strength and support to critical areas.

Bradken's crawler shoes deliver consistent and dependable performance, especially in the worn condition and under extreme applications, giving our customers the confidence to schedule condition-based maintenance while minimising the risk of unplanned downtime events.



Increased Service Life

Bradken's crawler shoes for Komatsu HEX undercarriages were deliberately designed with Bradken's proprietary through hardened material.

Used on these machines, the allowable wear envelope allows Bradken's through hardened shoes to deliver increased service life and reduced safety risks associated with deformation, spalling and cracking.



Interchangeability

Bradken undercarriage components are fully interchangeable with OEM components and compatible with OEM installation requirements.

Our customers have the security of Bradken warranty support even when Bradken components are installed alongside competitor components.



Proven Track Record

Customer focus, rigorous design, expert metallurgy, materials engineering, and state-of-the-art manufacturing processes are combined by Bradken to deliver to our customers undercarriage products that consistently outperform the OEM and other aftermarket competitors.

Bradken has sold more than 250,000 crawler shoes over the past four decades, and has over 540 installations globally.



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-REV3-June 2025-English. BRADKEN® 2025 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.

