

# Hydraulic Excavator Undercarriage

*Machine compatibility;*  
6030, 6040, 6050



Bradken has a proud history of specialising in the design and manufacture of superior performing undercarriage for large mining hydraulic excavators (HEX) and Electric Rope Shovels (ERS), direct to customers around the globe. Bradken's innovative range of Evolution<sup>®</sup> crawler shoes for Caterpillar<sup>®</sup> 6030, 6040 and 6050 undercarriages incorporate enhanced designs that improve safety and reliability compared with previous OEM designs.

## Proven Capability

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



*Crawler Shoes*

## Increased Service Life

Bradken's innovative range of Evolution<sup>®</sup> crawler shoes incorporate enhanced designs that improve safety and reliability compared with previous OEM designs. Bradken's 'Continuous Roller Path' and increased pin bore contact were designed using our induction-hardening alloy to deliver increased service life and reduced safety risks associated with deformation, spalling and cracking.



*Drive Tumblers*

## Reliability

With induction hardened pin bores and greater contact area, Bradken has eliminated the requirement for crawler shoe bushes; the leading cause of crawler shoe failure observed for other designs. Bradken's 'Continuous Roller Path' and other design enhancements provide 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.



*Front Idlers*

## Interchangeability

Bradken Evolution<sup>®</sup> crawler shoes are fully compatible with OEM drive tumblers, idlers and rollers, but are not interchangeable with OEM crawler shoes. All other Bradken undercarriage components are fully interchangeable and compatible with OEM installation requirements. Our customers have the security of Bradken warranty support even when Bradken components are installed alongside competitor components.



*Load Rollers*

