

# SD7K

**Smarter Technology. Stronger Results.**

High-performance hydrostatic bulldozer with elevated sprocket for mining and roads

**World Focus 1724CC**

Official HBXG Agent - South Africa & Africa



## Overview

The HBXG SD7K is a medium-large hydrostatic bulldozer built around a Tier III electronic control engine, elevated sprocket drive, and semi-rigid suspension. It delivers reliable power, advanced performance and exceptional operational comfort in demanding African environments.

The SD7K hydrostatic transmission provides infinitely variable speed with full power matching, while its automatic cooling system, ergonomic electric joystick, and sealed air-conditioned cab reduce operator fatigue and maximise sustained productivity.



## Key Benefits

<b>Performance</b>	Maximum output per hour with proven Cummins and Weichai powertrain technology.
<b>Durability</b>	Modular design and hardened undercarriage components engineered for African operating conditions.
<b>Cost Efficiency</b>	40-50% lower purchase price than European alternatives with comparable performance and lower total cost of ownership.
<b>Reliability</b>	1 year or 2,000 hour warranty. Remote technical support and free technician training included with every machine.
<b>Serviceability</b>	Modular architecture reduces planned maintenance downtime. Factory spare parts available direct from HBXG.

## Technical Specifications

<b>Engine Model</b>	Weichai WP12G250E302	<b>Gradeability</b>	30 deg forward / 25 deg backward
<b>Emission Standard</b>	Tier III	<b>Min Ground Clearance</b>	394 mm
<b>Rated Power</b>	185 kW / 248 HP	<b>Drive System</b>	Variable pump and motor - closed-loop
<b>Rated Speed</b>	2,100 RPM	<b>Control System</b>	Electric joystick
<b>Max Torque</b>	1,200 N.m @ 750-1,400 RPM	<b>Brake Type</b>	Wet multi-disc brake
<b>Fuel Consumption</b>	202 g/kW.h or less	<b>Final Drive</b>	Three-stage planetary reduction gear
<b>Operating Weight</b>	25,500 kg (without ripper)	<b>Undercarriage</b>	Semi-rigid suspension - swing type beam
<b>Ground Pressure</b>	77.9 KPa	<b>Track Rollers</b>	7 each side
<b>Track Gauge</b>	1,980 mm	<b>Track Pitch</b>	216 mm
<b>Blade Type</b>	Tilt Blade / Coal Blade (optional)	<b>Track Shoe Width</b>	560 mm
<b>Dozing Capacity</b>	8.1 m <sup>3</sup> Tilt / 9.0 m <sup>3</sup> Coal Blade	<b>Hydraulic Pressure</b>	20 MPa
<b>Blade Width</b>	3,550 mm Tilt / 3,718 mm Coal	<b>Hydraulic Output</b>	180 L/min
<b>Max Digging Depth</b>	498 mm	<b>Overall Dimensions</b>	5,876 x 3,550 x 3,402 mm

## Purchase Guarantee

General Warranty: 1 year or 2,000 operating hours from delivery (whichever comes first).

Electrical Components Warranty: 600 hours or 6 months.

Track and Wear Parts: 6 months or 800 hours against manufacturing defects.

Free factory technician training included with every machine purchase.

Remote video technical support included throughout the warranty period.

Major Components: HBXG factory holds all major structural and drivetrain components (engines, transmissions, final drives and hydraulic pumps).

Minor and Service Parts: World Focus 1724CC holds all minor consumable and service parts locally in South Africa for fast local turnaround.

## Features & Advantages

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| <b>Elevated Sprocket Design</b>        | The elevated sprocket reduces sprocket and final drive wear by lifting the drive mechanism above mud, rock and abrasive debris common on African job sites. |
| <b>Infinitely Variable Hydrostatic</b> | Closed-loop variable pump and motor delivers seamless speed control from zero to maximum with full tractive effort maintained throughout the speed range.   |
| <b>Tier III Low-Emissions Engine</b>   | The Weichai WP12G250E302 Tier III engine delivers 185 kW at exceptional fuel economy meeting emissions requirements for international project sites.        |
| <b>Automatic Independent Cooling</b>   | Independent automatic cooling for engine and hydraulics maintains optimal temperatures during extended high-load operation in hot, dusty conditions.        |
| <b>Ergonomic Operator Interface</b>    | Fully sealed air-conditioned cab with instrument panel display, electric proportional control, and ROPS/FOPS certification for operator safety.             |
| <b>Multi-Blade Configurations</b>      | Available with Tilt Blade, Coal Blade, Angle Blade or U-Shaped Blade, plus Single or Three-Shank Ripper for the full range of earthmoving applications.     |
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## Applications

Application	Description
Transportation and Road Construction	Subgrade cutting, formation and bulk earthworks on national roads.
Open-Cast Mining Preparation	Stripping and dozing of overburden on medium to large mining operations.
Desert and Arid Operations	Fuel-efficient performance in high-temperature environments.
Oil Field Construction	Site preparation and earth levelling on oil and gas infrastructure.
Power Project Construction	Bulk earthworks for substations, solar farms and power lines.

## Why Choose HBXG

<b>75+ Years of Manufacturing</b>	HBXG has manufactured heavy equipment since 1950. A proven global track record that no new brand can replicate.
<b>40-50% Cost Advantage</b>	HBXG machines deliver comparable performance to leading European brands at 40-50% lower purchase price.
<b>Proven Powertrains</b>	Cummins and Weichai engines — globally serviced, proven on African sites, with established parts and service networks.
<b>Full Warranty and Training</b>	1 year or 2,000 hour warranty, free factory technician training, and remote video support on every machine purchased.
<b>Africa-Focused Support</b>	World Focus 1724CC provides dedicated in-country support, logistics and after-sales service across South Africa and Africa.

## READY TO DISCUSS YOUR PROJECT?

Contact World Focus 1724CC today for specifications, pricing and delivery terms for the HBXG SD7K.

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