

SD5K

**Compact Power. Precision Control. Zero
Compromise.**

Advanced hydrostatic bulldozer for precision earthmoving and civil
construction

World Focus 1724CC

Official HBXG Agent - South Africa & Africa



Overview

The HBXG SD5K is a fully hydraulic, track-type bulldozer built for maximum efficiency in compact and mid-range earthmoving applications. Powered by a Tier III Weichai engine with a dual-circuit hydrostatic drive and a Power-Angle-Tilting (PAT) blade, the SD5K delivers outstanding control and productivity across harbour construction, city infrastructure, irrigation projects and land levelling tasks.

Stepless speed variation and pivot steering deliver agility in confined spaces, while the intelligent service system and human-machine interface display reduce operator fatigue and maintenance intervals. The fully enclosed air-conditioned cab meets ROPS/FOPS safety standards.



Key Benefits

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

Technical Specifications

Engine Model	Weichai WP6G130E330	Max Digging Depth	498 mm
Emission Standard	Tier III	Gradeability	30 deg forward / 25 deg backward
Rated Power	97.5 kW / 131 HP	Min Ground Clearance	315 mm
Rated Speed	2,200 RPM	Drive System	Dual-circuit hydrostatic - electric joystick
Max Torque	570 N.m @ 1,450 RPM	Brake Type	Wet multi-disc brake
Fuel Consumption	190 g/kW.h or less	Final Drive	One-stage planetary + one-stage spur
Operating Weight	13,300 kg (without ripper)	Undercarriage	Normal track - semi-rigid suspension
Op. Weight with Ripper	14,200 kg	Track Rollers	7 each side
Ground Pressure	45 KPa	Track Pitch	190 mm
Track Gauge	1,790 mm	Track Shoe Width	510 mm
Blade Type	Power-Angle-Tilting (PAT)	Hydraulic Pressure	19 MPa
Blade Width	3,550 mm	Hydraulic Output	125 L/min
Dozing Capacity	3.1 m ³	Overall Dimensions	4,922 x 3,060 x 2,999 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

PAT Blade Technology

The Power-Angle-Tilting blade provides three-axis control enabling precise material handling, finish grading and site clearing that fixed-blade machines cannot match.

Hydrostatic Transmission

Dual-circuit closed-loop hydrostatic drive with electric proportional joystick delivers smooth, stepless speed control and effortless pivot steering at all speeds.

Tier III Fuel Efficiency

The Weichai WP6G130E330 Tier III engine burns fuel at 190 g/kW.h or less, reducing operating costs significantly over the machine working life.

Modular Serviceability

Modular component design allows sub-assemblies to be removed and replaced without disassembling adjacent systems, cutting planned maintenance time by up to 30%.

Operator Safety and Comfort

Fully sealed ROPS/FOPS-certified air-conditioned cab with digital instrument display and intelligent service system alerts designed for long-shift operation.

Intelligent Service System

Real-time diagnostic monitoring tracks engine load, hydraulic pressure, fuel consumption and service intervals to minimise unplanned downtime on site.

Applications

Application	Description
Harbour and Port Construction	Precision earthmoving and backfill in port environments.
City and Urban Infrastructure	Compact footprint ideal for constrained urban construction sites.
Irrigation and Drainage Projects	Level earthworks and channel formation for agricultural irrigation.
Power and Energy Construction	Site preparation and cable trench backfill for power projects.
Road Subgrade Preparation	Fine grading and compaction prep for road base layers.

Why Choose HBXG

75+ Years of Manufacturing	HBXG has manufactured heavy equipment since 1950. A proven global track record that no new brand can replicate.
40-50% Cost Advantage	HBXG machines deliver comparable performance to leading European brands at 40-50% lower purchase price.
Proven Powertrains	Cummins and Weichai engines — globally serviced, proven on African sites, with established parts and service networks.
Full Warranty and Training	1 year or 2,000 hour warranty, free factory technician training, and remote video support on every machine purchased.
Africa-Focused Support	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 SD5K.

Phone / WhatsApp: +27 61 074 1964

Email: info@hbxg.co.za Web: www.hbxg.co.za

World Focus 1724CC | Official HBXG Agent South Africa