

SD6K

Intelligent Power. Unmatched Value.

Versatile hydrostatic bulldozer for construction, mining and infrastructure development

World Focus 1724CC

Official HBXG Agent - South Africa & Africa



Overview

The HBXG SD6K is a hydrostatic medium-class bulldozer combining advanced transmission technology with robust construction for demanding earthmoving operations. Powered by a Tier III Weichai engine and driven by a three-stage planetary reduction system with hydrostatic pump and motor, the SD6K delivers superior control, intelligent load matching, and flexible operation across a full range of applications.

The SD6K features a centralised cooling system, pivot steering for high operational efficiency, and a sealed cab with shock absorbers. Its palm-dictate electric joystick control and intelligent service system make it one of the most operator-friendly machines in its class.



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 WP10G190E354	Max Digging Depth	500 mm
Emission Standard	Tier III	Gradeability	30 deg forward / 25 deg backward
Rated Power	140 kW / 188 HP	Min Ground Clearance	415 mm
Rated Speed	1,900 RPM	Drive System	Double-circuit electric joystick hydrostatic
Max Torque	920 N.m @ 1,400 RPM	Brake Type	Wet multi-disc brake
Fuel Consumption	190 g/kW.h or less	Final Drive	Three-stage planetary reduction gear
Operating Weight	18,320 kg (without ripper)	Undercarriage	Pivot connection - balance beam - semi-rigid
Op. Weight with Ripper	19,620 kg	Track Rollers	7 each side
Ground Pressure	53.1 KPa / 56.9 KPa (ripper)	Track Pitch	203.2 mm
Track Gauge	1,880 mm	Track Shoe Width	560 mm
Blade Type	Tilt Blade	Hydraulic Pressure	15.5 MPa
Blade Width	3,437 mm	Hydraulic Output	171 L/min primary / 20.6 L/min secondary
Dozing Capacity	4.6 m ³	Overall Dimensions	5,395 x 3,437 x 3,163 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

Intelligent Load Matching

The hydrostatic transmission automatically matches engine output to ground resistance, delivering maximum push force at all conditions without operator input.

Pivot Steering

On-the-spot pivot steering eliminates wide turning radius, enabling precise positioning and highly efficient operation in confined and space-limited areas.

Centralised Cooling System

An independent centralised cooling system maintains optimal engine and hydraulic temperatures during continuous high-load operation in hot African conditions.

Tier III Fuel Efficiency

Fuel consumption rated at 190 g/kW.h or less, delivering measurable savings on every operating hour versus older mechanical transmission bulldozers.

Sealed Cab with Shock Absorption

Vibration-damped, air-conditioned cab provides exceptional operator comfort and protection from dust, noise and impact. ROPS/FOPS certified.

Smart Diagnostics

Palm-dictate electric joystick with integrated service monitoring provides real-time diagnostics, service reminders and fault alerts to maximise machine availability.

Applications

Application	Description
Construction Site Preparation	Clearing, grading and levelling for commercial and industrial sites.
Mining Haul Road Maintenance	Blade grading and material spreading on mine access roads.
Infrastructure Development	Bulk earthworks for roads, bridges, dams and civil projects.
Agricultural Land Preparation	Clearing and levelling farmland for irrigation and cultivation.
Residential Development	Site clearing and earthworks for housing and township projects.

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 SD6K.

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