

SD9N

430 Horsepower. Engineered Without Compromise.

Flagship N-Series bulldozer for large-scale mining, desert and infrastructure operations

World Focus 1724CC

Official HBXG Agent - South Africa & Africa



Overview

The HBXG SD9N is a 430 HP elevated sprocket N-Series bulldozer designed for sustained high-output performance on large-scale mining, road construction, desert and oil-field operations. It is one of the most capable machines in the HBXG range.

Featuring a Cummins KTA19 engine, hydraulic-mechanical transmission, triangular elevated sprocket layout, wet multi-disc clutch system, and a spacious ROPS/FOPS certified cab, the SD9N is engineered for projects where reliability and output over long continuous operating cycles are non-negotiable.



Key Benefits

Performance	Maximum output per hour with proven Cummins and Weichai powertrain technology.
Durability	Elevated sprocket, modular design and hardened undercarriage components for African 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	Cummins KTA19-C525	Torque Converter	Power-separating hydraulic-mechanical
Rated Power	347 kW / 430 HP	Transmission	Planetary power shift - 3 forward / 3 reverse
Rated Speed	1,800 RPM	Steering Clutch	Hydraulic-pressed - wet multi-disc
Torque Reserve	18%	Braking Clutch	Spring-pressed - hydraulic-separated
Operating Weight	44,360 kg (without ripper)	Final Drive	Two-stage planetary - splash lubrication
Op. Weight with Ripper	48,880 kg	Hydraulic Pump	Plunger pump
Ground Pressure	102 KPa / 112 KPa (ripper)	Hydraulic Pressure	24 MPa
Track Gauge	2,250 mm	Hydraulic Output	240 L/min
Blade Type	Straight Tilt Blade	Undercarriage	Triangular elevated sprocket - elastic suspension
Blade Dimensions	4,314 x 2,000 mm	Track Rollers	8 each side
Dozing Capacity	13.5 m3	Track Pitch	240 mm
Max Digging Depth	614 mm	Track Shoe Width	610 mm
Gradeability	30 deg forward / 25 deg backward	Overall Dimensions	6,592 x 4,314 x 3,970 mm (without ripper)
Min Ground Clearance	517 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

Cummins KTA19 Engine

The Cummins KTA19-C525 is one of the most trusted heavy-duty construction engines in Africa, with proven field reliability, a wide service network and readily available parts.

Elevated Sprocket and Elastic Suspension

Triangular elevated sprocket layout with elastic undercarriage suspension absorbs shock loads and extends track component life significantly in harsh conditions.

High-Capacity Hydraulic System

A 24 MPa plunger pump delivering 240 L/min provides powerful, responsive blade and ripper control at full operating weight across all terrain types.

Spacious ROPS/FOPS Certified Cab

Large air-conditioned cab meets FOPS and ROPS standards with low noise levels for sustained 10-12 hour operator shifts on remote mine sites.

Pilot Hydraulic Precision Control

Labour-saving pilot hydraulic controls provide accurate, low-effort blade manipulation reducing operator fatigue and improving grading precision.

Modular Architecture for Uptime

Modular design of major assemblies enables rapid component swap-out and simplified field maintenance with minimal dependency on workshop facilities.

Applications

Application	Description
Large-Scale Open-Cast Mining	High-volume overburden stripping and coal exposure on major operations.
Major Road and Highway Construction	Cutting, filling and bulk formation on national road projects.
Desert and Oil Field Operations	Sustained performance in remote, high-temperature arid environments.
Port and Harbour Earthworks	Large-scale land reclamation and bulk earthmoving in port environments.
Water Conservation Projects	Dam construction, embankment work and large drainage earthworks.

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 SD9N.

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