



SD9N



SD8N



HBXG

BULLDOZER

FULL RANGE

CATALOGUE

75+ Years of World-Class Manufacturing
8 Models | 97.5 kW to 493 kW | 13 to 66 Tonnes
Mining | Construction | Infrastructure | Africa

World Focus 1724CC

Official HBXG Agent - South Africa & Africa

CONTACT US:

+27 61 074 1964 | info@hbxg.co.za | www.hbxg.co.za

About HBXG

HBXG (Hebei Xuangong Group) has been manufacturing heavy construction equipment since 1950 — accumulating over 75 years of engineering expertise, innovation and global field-proven reliability. Headquartered in Hebei Province, China, HBXG is one of the largest and most established bulldozer manufacturers in the world, with machines deployed on major mining, infrastructure, dam, highway and energy projects across Asia, Africa, the Middle East and beyond.

The HBXG bulldozer range spans 8 models from the compact SD5K at 97.5 kW through to the flagship SD10N at 493 kW (670 HP) — covering every earthmoving application from precision civil grading to ultra-heavy open-pit mining operations. Every machine in the range is built on a foundation of Cummins and Weichai powertrain technology, elevated sprocket engineering, and modular serviceability — making HBXG the value-performance choice for Africa.

About World Focus 1724CC

World Focus 1724CC is the Official HBXG Agent for South Africa and the broader African continent. Based in South Africa, World Focus 1724CC was established to bring world-class, cost-effective heavy equipment to the African market — offering a genuine alternative to premium European and American brands at 40-50% lower purchase price with comparable performance.

World Focus 1724CC provides a complete end-to-end service: machine sourcing, importation, delivery logistics, operator training, warranty management and ongoing after-sales support. The company holds all minor consumable and service parts locally for fast turnaround, while HBXG factory holds all major structural and drivetrain components (engines, transmissions, final drives and hydraulic pumps) for direct supply.

Why HBXG for Africa

| | |
|--|--|
| 75+ Years Manufacturing History | Proven global track record across mining, infrastructure and energy construction projects worldwide. |
| 40-50% Lower Purchase Price | Comparable performance to leading European brands at a fraction of the cost — maximising fleet ROI. |
| Cummins and Weichai Powertrains | Globally serviced, parts-available engines proven on African sites with established service networks. |
| Full Warranty and Training | 1 year or 2,000 hour machine warranty, free factory technician training and remote video support. |
| Local Parts and Support | World Focus holds minor and service parts in South Africa. Fast turnaround. No lengthy import delays. |
| Africa-Ready Engineering | Elevated sprocket design, modular serviceability and robust undercarriage built for harsh African terrain. |

HBXG Bulldozer Range - At a Glance

| Model | Class | Power | Weight | Blade Cap | Drive | Key Applications |
|----------------|-----------------------|------------------|-----------|----------------------|------------------|---|
| SD5K | Compact Class | 97.5 kW / 131 HP | 13,300 kg | 3.1 m ³ | Hydrostatic | Irrigation, city infrastructure, harbour construction |
| SD6K | Medium Class | 140 kW / 188 HP | 18,320 kg | 4.6 m ³ | Hydrostatic | Roads, agriculture, construction site prep |
| TY165-3 | Medium Class | 165 HP | 17,550 kg | 4.6 m ³ | Hydraulic Direct | Road construction, agriculture, irrigation, mining |
| SD7K | Medium-Large Class | 185 kW / 248 HP | 25,500 kg | 8.1 m ³ | Hydrostatic | Transportation, desert ops, oil fields, mining |
| SD7N | Medium-Large N-Series | 185 kW / 248 HP | 24,300 kg | 8.1 m ³ | Power Shift | Open-cast mining, highways, land clearing |
| SD8N | Large N-Series | 257 kW / 344 HP | 32,000 kg | 11.24 m ³ | Power Shift | Major roads, dam projects, port development |
| SD9N | Heavy N-Series | 347 kW / 430 HP | 44,360 kg | 13.5 m ³ | Power Shift | Large-scale mining, highways, desert operations |
| SD10N | Ultra-Heavy N-Series | 493 kW / 670 HP | 66,700 kg | 18.5 m ³ | Power Shift | Open-pit mining, mega-projects, heavy earthworks |

The Range



SD5K

Electronic Control Hydrostatic Bulldozer

Compact Power. Precision Control. Zero Compromise.



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 dual-circuit hydrostatic drive and Power-Angle-Tilting (PAT) blade, the SD5K delivers outstanding control and productivity.

Stepless speed variation and pivot steering deliver agility in confined spaces, while the intelligent service system and HMI display reduce operator fatigue and maintenance intervals.

Technical Specifications

| | | | |
|--------------------------|--------------------------------|---------------------------|----------------------------|
| Engine | Weichai WP6G130E330 - Tier III | Gradeability | 30 deg fwd / 25 deg rev |
| Rated Power | 97.5 kW / 131 HP | Drive System | Dual-circuit hydrostatic |
| Rated Speed | 2,200 RPM | Brake Type | Wet multi-disc |
| Max Torque | 570 N.m @ 1,450 RPM | Final Drive | One-stage planetary + spur |
| Operating Weight | 13,300 kg (without ripper) | 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 |
| Max Digging Depth | 498 mm | | |

WARRANTY & PARTS SUPPORT

1 year or 2,000 hour machine warranty from delivery.
 Free factory technician training on every machine.
 HBXG factory holds major components: engines, transmissions, final drives, hydraulic pumps.

CONTACT WORLD FOCUS 1724CC

+27 61 074 1964
 info@hbxg.co.za
 www.hbxg.co.za

Features & Advantages



PAT Blade Technology Three-axis blade control enabling precise material handling, finish grading and site clearing not possible with fixed-blade machines.

Hydrostatic Transmission Dual-circuit closed-loop hydrostatic drive with electric proportional joystick for smooth, stepless speed control and effortless pivot steering.

Tier III Fuel Efficiency Weichai WP6G130E330 Tier III engine at 190 g/kW.h or less, reducing operating costs significantly across the machine working life.

Modular Serviceability Sub-assemblies removable without disassembling adjacent systems, cutting planned maintenance time by up to 30%.

Operator Safety and Comfort ROPS/FOPS-certified air-conditioned cab with digital instrument display and intelligent service system alerts.

Intelligent Diagnostics Real-time monitoring tracks engine load, hydraulic pressure, fuel consumption and service intervals.

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. |

SD6K

Hydrostatic Bulldozer

Intelligent Power. Unmatched Value.



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 with three-stage planetary reduction and hydrostatic pump and motor, the SD6K delivers superior control, intelligent load matching and flexible operation.

Technical Specifications

| | | | |
|-------------------------------|---------------------------------|---------------------------|----------------------------|
| Engine | Weichai WP10G190E354 - Tier III | Gradeability | 30 deg fwd / 25 deg rev |
| Rated Power | 140 kW / 188 HP | Drive System | Double-circuit hydrostatic |
| Rated Speed | 1,900 RPM | Brake Type | Wet multi-disc |
| Max Torque | 920 N.m @ 1,400 RPM | Final Drive | Three-stage planetary |
| Operating Weight | 18,320 kg (without ripper) | Track Rollers | 7 each side |
| Op. Weight with Ripper | 19,620 kg | Track Pitch | 203.2 mm |
| Ground Pressure | 53.1 KPa / 56.9 KPa (ripper) | Track Shoe Width | 560 mm |
| Track Gauge | 1,880 mm | Hydraulic Pressure | 15.5 MPa |
| Blade Width | 3,437 mm | Hydraulic Output | 171 L/min / 20.6 L/min |
| Dozing Capacity | 4.6 m ³ | Overall Dimensions | 5,395 x 3,437 x 3,163 mm |
| Max Digging Depth | 500 mm | | |

WARRANTY & PARTS SUPPORT

1 year or 2,000 hour machine warranty from delivery.
 Free factory technician training on every machine.
 HBXG factory holds major components: engines, transmissions, final drives, hydraulic pumps.

CONTACT WORLD FOCUS 1724CC

+27 61 074 1964
 info@hbxg.co.za
 www.hbxg.co.za

Features & Advantages

- Intelligent Load Matching** Hydrostatic transmission automatically matches engine output to ground resistance for maximum push force at all conditions.
- Pivot Steering** On-the-spot pivot steering eliminates wide turning radius, enabling precise positioning in confined areas.
- Centralised Cooling** Independent cooling system maintains optimal engine and hydraulic temperatures during high-load operation.
- Tier III Fuel Efficiency** 190 g/kW.h or less delivering measurable savings every hour versus older mechanical transmission bulldozers.
- Sealed ROPS/FOPS Cab** Vibration-damped, air-conditioned cab with full ROPS/FOPS certification for operator safety.
- Smart Diagnostics** Integrated service monitoring provides real-time diagnostics, service reminders and fault alerts.



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. |

SD7K

Elevated Hydrostatic Bulldozer

Smarter Technology. Stronger Results.



Overview

The HBXG SD7K is a medium-large hydrostatic bulldozer with Tier III electronic control engine, elevated sprocket drive and semi-rigid suspension delivering reliable power in demanding environments.

The SD7K hydrostatic transmission provides infinitely variable speed with full power matching, while the automatic cooling system and sealed cab maximise sustained productivity.

Technical Specifications

| | | | |
|--------------------------|--|---------------------------|-------------------------------------|
| Engine | Weichai WP12G250E302 - Tier III | Gradeability | 30 deg fwd / 25 deg rev |
| Rated Power | 185 kW / 248 HP | Drive System | Variable pump and motor closed-loop |
| Rated Speed | 2,100 RPM | Brake Type | Wet multi-disc |
| Max Torque | 1,200 N.m @ 750-1,400 RPM | Final Drive | Three-stage planetary |
| Operating Weight | 25,500 kg (without ripper) | Track Rollers | 7 each side |
| Ground Pressure | 77.9 KPa | Track Pitch | 216 mm |
| Track Gauge | 1,980 mm | Track Shoe Width | 560 mm |
| Blade Type | Tilt / Coal Blade (optional) | Hydraulic Pressure | 20 MPa |
| Dozing Capacity | 8.1 m ³ / 9.0 m ³ Coal | Hydraulic Output | 180 L/min |
| Max Digging Depth | 498 mm | Overall Dimensions | 5,876 x 3,550 x 3,402 mm |

WARRANTY & PARTS SUPPORT

1 year or 2,000 hour machine warranty from delivery.
 Free factory technician training on every machine.
 HBXG factory holds major components: engines, transmissions, final drives, hydraulic pumps.

CONTACT WORLD FOCUS 1724CC

+27 61 074 1964
 info@hbxg.co.za
 www.hbxg.co.za

Features & Advantages

Elevated Sprocket Design Lifts the drive mechanism above mud, rock and abrasive debris on African job sites, extending drivetrain life significantly.

Infinitely Variable Hydrostatic Seamless speed control from zero to maximum with full tractive effort at all times — no gear shock, no power loss.

Tier III Low-Emissions Engine 185 kW at exceptional fuel economy meeting emissions requirements for international project sites.

Automatic Independent Cooling Maintains optimal temperatures during extended high-load operation in hot, dusty African conditions.

Ergonomic Operator Interface Fully sealed air-conditioned cab with electric proportional control and ROPS/FOPS certification.

Multi-Blade Configurations Tilt, Coal, Angle or U-Shaped Blade available. Single or Three-Shank Ripper options.



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 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. |

SD7N

Elevated Sprocket Bulldozer

Next-Generation Performance. Built to Last.



Overview

The HBXG SD7N is a 230 HP elevated sprocket N-Series bulldozer for high-output performance in demanding construction and mining environments.

N-Series platform delivers modular serviceability, advanced hydraulic architecture and multi-blade configurations for transportation construction, oil fields, desert and open-cast mining.

Technical Specifications

| | | | |
|--------------------------|--------------------------------|---------------------------|----------------------------------|
| Engine | Cummins NT855-C280S10 | Torque Converter | Power-separating hydraulic-mech. |
| Rated Power | 185 kW / 248 HP (230 HP class) | Transmission | Planetary power shift 3F / 3R |
| Rated Speed | 2,100 RPM | Steering Clutch | Hydraulic-pressed wet multi-disc |
| Max Torque | 1,097 N.m @ 1,500 RPM | Final Drive | Two-stage planetary |
| Operating Weight | 24,300 kg (without ripper) | Track Rollers | 7 each side |
| Ground Pressure | 74.1 KPa | Track Pitch | 216 mm |
| Track Gauge | 1,980 mm | Track Shoe Width | 560 mm |
| Blade Width | 3,552 mm | Hydraulic Pressure | 20 MPa |
| Dozing Capacity | 8.1 m ³ | Hydraulic Output | 170 L/min |
| Max Digging Depth | 498 mm | Overall Dimensions | 5,857 x 3,552 x 3,402 mm |
| Gradeability | 30 deg fwd / 25 deg rev | | |

WARRANTY & PARTS SUPPORT

1 year or 2,000 hour machine warranty from delivery.
 Free factory technician training on every machine.
 HBXG factory holds major components: engines, transmissions, final drives, hydraulic pumps.

CONTACT WORLD FOCUS 1724CC

+27 61 074 1964
 info@hbxg.co.za
 www.hbxg.co.za

Features & Advantages

Elevated Sprocket and Suspension

Keeps final drive above abrasive ground debris, dramatically reducing track and sprocket component wear in harsh African conditions.

Advanced Hydraulic System

Energy-saving architecture provides precise, labour-saving blade control reducing operator workload and increasing output accuracy.

Cummins Engine Reliability

Proven across millions of operating hours on African mining sites with an established parts network throughout the continent.

Ergonomic Cab Design

Single-lever steering, air-conditioned ROPS cab and optimised control positioning for sustained long-shift operation.

Multi-Configuration Blades

Straight Tilting, U-Shape, Angle and Coal Blade options. Single and Three-Shank Ripper configurations available.

Modular Maintenance

Rapid sub-assembly replacement with standard tooling minimising planned maintenance windows and total cost of ownership.



Applications

| Application | Description |
|-----------------------------|---|
| Open-Cast Mining | Overburden stripping and coal seam exposure on large mining operations. |
| Transportation Construction | Road formation, cutting and bulk earthmoving on highway projects. |
| Oil Field and Desert Ops | High-output performance in remote, arid environments. |
| Electric Power Construction | Large-scale earthworks for transmission lines and substations. |
| Land Clearing | Vegetation clearing and topsoil stripping on development sites. |

SD8N

Elevated Sprocket Bulldozer

Large-Scale Power. Engineered for Africa.



Overview

The HBXG SD8N is a large-class elevated sprocket bulldozer engineered for heavy-duty earthmoving on major mining, construction and infrastructure projects.

Featuring hydraulic-mechanical transmission, semi-rigid suspension, pilot hydraulic controls and modular design, the SD8N delivers exceptional reliability in the most demanding conditions.

Technical Specifications

| | | | |
|-------------------------------|---------------------------------|---------------------------|--|
| Engine | Chongqing Cummins NT855-C360S10 | Gradeability | 30 deg fwd / 25 deg rev |
| Rated Power | 257 kW / 344 HP | Torque Converter | Power-separating hydraulic-mech. |
| Rated Speed | 2,100 RPM | Transmission | Planetary power shift 3F / 3R |
| Torque Reserve | 20% | Steering Clutch | Hydraulic-pressed wet multi-disc |
| Operating Weight | 32,000 kg (without ripper) | Final Drive | Two-stage planetary |
| Op. Weight with Ripper | 36,800 kg | Track Rollers | 8 each side |
| Ground Pressure | 94 KPa (with ripper) | Track Pitch | 216 mm |
| Track Gauge | 2,083 mm | Track Shoe Width | 560 mm |
| Blade Dimensions | 3,940 x 1,690 mm | Hydraulic Pressure | 20 MPa |
| Dozing Capacity | 11.24 m ³ | Hydraulic Output | 220 L/min |
| Max Digging Depth | 582 mm | Overall Dimensions | 7,751 x 3,940 x 3,549 mm (with ripper) |

WARRANTY & PARTS SUPPORT

1 year or 2,000 hour machine warranty from delivery.
 Free factory technician training on every machine.
 HBXG factory holds major components: engines, transmissions, final drives, hydraulic pumps.

CONTACT WORLD FOCUS 1724CC

+27 61 074 1964
 info@hbxg.co.za
 www.hbxg.co.za

Features & Advantages

Elevated Sprocket and Suspension

Reduces track and sprocket wear rates significantly — critical in rocky and abrasive African terrain.

Hydraulic-Mechanical Transmission

Power-separating torque converter with planetary power shift enables smooth, rapid gear changes under full load.

Pilot Hydraulic Control

Precise blade and ripper control with minimal physical effort, reducing fatigue during long shifts.

Real-Time Electric Monitoring

Onboard diagnostics alert operators and maintenance teams to developing faults before stoppages occur.

Multiple Blade and Ripper Options

Straight Tilt, U-Shape and Angle Blade. Single and Three-Shank Ripper options available.

Modular Service Architecture

Rapid replacement of major sub-systems, reducing planned maintenance time and improving fleet availability.



Applications

| Application | Description |
|--------------------------------|--|
| Road Building and Highways | Large-scale cutting, filling and formation on national infrastructure. |
| Hydroelectric and Dam Projects | Mass earthworks for dam embankments and water control structures. |
| Land Clearing at Scale | Clearing heavy vegetation and topsoil across large development areas. |
| Open-Cast Mining | Strip mining, overburden removal and haul road maintenance. |
| Port and Harbour Development | Large earthworks and reclamation projects in port environments. |

SD9N

Elevated Sprocket Bulldozer

430 Horsepower. Engineered Without Compromise.



Overview

The HBXG SD9N is a 430 HP elevated sprocket N-Series bulldozer for sustained high-output performance on large-scale mining, road construction, desert and oil-field operations.

Cummins KTA19 engine, hydraulic-mechanical transmission, wet multi-disc clutch system and spacious ROPS/FOPS cab — engineered for projects where reliability over long cycles is non-negotiable.

Technical Specifications

| | | | |
|-------------------------------|----------------------------|---------------------------|----------------------------------|
| Engine | Cummins KTA19-C525 | Gradeability | 30 deg fwd / 25 deg rev |
| Rated Power | 347 kW / 430 HP | Torque Converter | Power-separating hydraulic-mech. |
| Rated Speed | 1,800 RPM | Transmission | Planetary power shift 3F / 3R |
| Torque Reserve | 18% | Hydraulic Pump | Plunger pump |
| Operating Weight | 44,360 kg (without ripper) | Hydraulic Pressure | 24 MPa |
| Op. Weight with Ripper | 48,880 kg | Hydraulic Output | 240 L/min |
| Ground Pressure | 102 KPa / 112 KPa (ripper) | Track Rollers | 8 each side |
| Track Gauge | 2,250 mm | Track Pitch | 240 mm |
| Blade Dimensions | 4,314 x 2,000 mm | Track Shoe Width | 610 mm |
| Dozing Capacity | 13.5 m ³ | Overall Dimensions | 6,592 x 4,314 x 3,970 mm |
| Max Digging Depth | 614 mm | | |

WARRANTY & PARTS SUPPORT

1 year or 2,000 hour machine warranty from delivery.
 Free factory technician training on every machine.
 HBXG factory holds major components: engines, transmissions, final drives, hydraulic pumps.

CONTACT WORLD FOCUS 1724CC

+27 61 074 1964
 info@hbxg.co.za
 www.hbxg.co.za

Features & Advantages

Cummins KTA19 Engine One of the most trusted heavy-duty construction engines in Africa with proven reliability, a wide service network and readily available parts.

Elevated Sprocket and Elastic Suspension Absorbs shock loads and extends track component life significantly in harsh mining and construction conditions.

High-Capacity Hydraulic System 24 MPa plunger pump delivering 240 L/min for powerful, responsive blade and ripper control at full operating weight.

Spacious ROPS/FOPS Cab Large air-conditioned cab with low noise levels for sustained 10-12 hour operator shifts on remote mine sites.

Pilot Hydraulic Precision Control Low-effort blade manipulation reducing operator fatigue and improving grading precision on long dozing passes.

Modular Architecture for Uptime Rapid component swap-out and simplified field maintenance with minimal workshop dependency.



Applications

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

SD10N

Elevated Sprocket Bulldozer

670 Horsepower. The Pinnacle of HBXG Engineering.



Overview

The HBXG SD10N is the most powerful machine in the HBXG range — a 670 HP crawler bulldozer for the world's largest and most demanding construction and mining operations.

Cummins QSK19-C755 engine, hydraulic-mechanical transmission, elastic suspended undercarriage and built-in fault self-diagnosis system — purpose-built for open-pit mining and mega-projects.

Technical Specifications

| | | | |
|--------------------------|----------------------------|-----------------------------|----------------------------------|
| Engine | Cummins QSK19-C755 | Min Ground Clearance | 716 mm |
| Rated Power | 493 kW / 670 HP | Torque Converter | Power-separating hydraulic-mech. |
| Rated Speed | 1,800 RPM | Transmission | Planetary power shift 3F / 3R |
| Swept Volume | 19 litres | Forward Speeds | 3.84 / 6.9 / 11.4 km/h |
| Operating Weight | 66,700 kg (without ripper) | Reverse Speeds | 4.8 / 8.5 / 15.0 km/h |
| Ground Pressure | 132 KPa | Track Rollers | 8 each side |
| Track Gauge | 2,250 mm | Track Pitch | 260 mm |
| Blade Type | Semi-U Tilt Blade | Track Shoe Width | 610 mm |
| Dozing Capacity | 18.5 m ³ | Hydraulic Pressure | 18.8 MPa |
| Max Digging Depth | 674 mm | Hydraulic Output | 419 L/min |
| Gradeability | 30 deg fwd / 25 deg rev | Overall Dimensions | 9,450 x 4,860 x 4,360 mm |

WARRANTY & PARTS SUPPORT

1 year or 2,000 hour machine warranty from delivery.
 Free factory technician training on every machine.
 HBXG factory holds major components: engines, transmissions, final drives, hydraulic pumps.

CONTACT WORLD FOCUS 1724CC

+27 61 074 1964
 info@hbxg.co.za
 www.hbxg.co.za

Features & Advantages

Cummins QSK19 670 HP Engine

19-litre, 670 HP engine delivering 493 kW — purpose-designed for the most demanding heavy equipment applications on earth.

Elevated Sprocket and Modular Design

Absorbs extreme shock loads while protecting drivetrain components from abrasive terrain across all operating conditions.

Built-In Fault Self-Diagnosis

Monitors all critical machine systems and displays cab alerts, enabling rapid fault identification on remote sites.

Electro-Hydraulic Controls

Precise controls for all mobility and operational functions at full 66,700 kg operating weight.

ROPS/FOPS Certified Cab

Large climate-controlled cab with panoramic visibility and low interior noise for extended 12-hour mining shifts.

International Emissions Compliance

Fully compliant with domestic and international standards for deployment on projects with environmental requirements.



Applications

| Application | Description |
|--|---|
| Large-Scale Open-Pit Mining | Primary dozing, overburden stripping and push-load cycles on major mines. |
| Water Conservation Projects | Dam formation, embankment construction and large drainage earthworks. |
| Desert and Remote Operations | High-capacity performance in extreme heat and dust environments. |
| Major Transportation Projects | Cutting and bulk fill for national highways and rail corridors. |
| Oil Field and Energy Infrastructure | Mass earthworks for refineries, pipelines and energy installations. |

TY165-3

Bulldozer

Versatile. Reliable. Engineered for Africa.



Overview

The HBXG TY165-3 is a powerful 165 HP tracked bulldozer for maximum efficiency across a wide range of earthmoving applications.

Hydraulic direct drive, semi-rigid suspension and pilot hydraulic blade controls deliver smooth, responsive operation with low maintenance costs across road construction, mining, agriculture and port environments.

Technical Specifications

| | | | |
|-------------------------|---------------------------|--------------------------|--------------------------------------|
| Engine | Weichai WD10G178E25 | Max Digging Depth | 420 mm |
| Engine Power | 165 HP | Gradeability | 30 deg fwd / 25 deg rev |
| Rated Speed | 1,850 RPM | Drive Type | Hydraulic direct drive |
| Max Torque | 830 N.m @ 1,000-1,200 RPM | Transmission | Planetary gear power shift 3F/3R |
| Operating Weight | 17,550 kg | Steering | Multi-disc oil power clutch |
| Ground Pressure | 68.3 KPa | Final Drive | Double-reduction oil-sealed sprocket |
| Track Gauge | 1,880 mm | Undercarriage | Swing-type equalizer bar suspension |
| Blade Width | 3,297 mm (standard) | Ripper Option | Three-shank ripper |
| U-Blade Capacity | 5.2 m3 (optional) | Blade Options | Standard or U-blade (5.2 m3) |
| Dozing Capacity | 4.6 m3 | | |

WARRANTY & PARTS SUPPORT

1 year or 2,000 hour machine warranty from delivery.
Free factory technician training on every machine.
HBXG factory holds major components: engines, transmissions, final drives, hydraulic pumps.

CONTACT WORLD FOCUS 1724CC

+27 61 074 1964
info@hbxg.co.za
www.hbxg.co.za

Features & Advantages

Hydraulic Direct Drive

Eliminates mechanical clutch components, delivering smooth power transfer and reducing driveline maintenance requirements.

Single-Lever Steering and Braking

Combined control reduces operator workload, speeds direction changes and improves productivity for all operators.

Semi-Rigid Suspension Stability

Equalizer bar suspension provides stability on uneven terrain, reducing blade bounce and improving grading accuracy.

Pilot Hydraulic Blade Control

Fingertip precision enables accurate grade control on finish earthworking with minimal physical effort.

U-Blade High-Capacity Option

5.2 m³ U-blade increases material throughput significantly for bulk earthmoving and high-volume push operations.

Double-Reduction Final Drive

Extends component life in abrasive soil and simplifies sprocket maintenance on site.



Applications

| Application | Description |
|-------------------------------|--|
| Road Construction | Subgrade cutting, material spreading and formation on road projects. |
| Mining Operations | Overburden dozing, haul road maintenance and mine site preparation. |
| Agricultural Land Development | Land clearing, levelling and drainage preparation on farmland. |
| Irrigation and Drainage | Canal formation and earthworks for irrigation and drainage schemes. |
| Port and Harbour Construction | Material handling and earth levelling in port environments. |



BUILT FOR AFRICA.

75+ Years of World-Class Manufacturing.

8 Models | 13 to 66 Tonnes | 131 HP to 670 HP
Mining | Construction | Infrastructure | Agriculture
South Africa | Africa | Indian Ocean Islands

CONTACT WORLD FOCUS 1724CC

Phone / WhatsApp: **+27 61 074 1964**

Email: **info@hbxg.co.za**

Website: **www.hbxg.co.za**