

Used Shantui SD22 Hydraulic Crawler Dozer with Cummins Engine

Specifications :

Price	Contact us
Place of Origin	China
Min.Order Quantity	1
Payment Terms	OEM?ODM?OBM
Supply Ability	1000
Delivery Detail	one month

Detail Introduction :

Technical Parameter	Specification Details
Model & Brand	Shantui SD22 Crawler Bulldozer (Pre-Owned)
Operating Weight	23,450 kg
Gross / Net Engine Power	175 kW (235 HP) @ 1800 rpm / Net 220 HP
Engine Type	Cummins 6-Cylinder Turbocharged Diesel Engine

Fuel Tank Capacity	450 Liters
Overall Machine Dimensions	5,495 × 3,725 × 3,402 mm (L × W × H)
Track Gauge	2,000 mm
Standard Track Shoe Width	560 mm (Optional: 610 / 660 mm, Wetland 910 mm)
Transmission Type	Planetary Power-Shift Transmission with Torque Converter
Primary Applications	Highway Construction, Mining Overburden, Land Clearing,

Built with a rigid, high-strength box-section mainframe and an advanced hydraulic transmission system, the Shantui SD22 excels in continuous, high-load cycles. The machine features a spacious, vibration-damped operator cab equipped with a multi-directional suspension seat, optimized climate control, and wide-angle panoramic visibility to minimize operator fatigue during long shifts. Its hydraulic circuit delivers precise blade tilt and lift response, while the heavy-duty undercarriage absorbs high-impact shocks from rocky or uneven job sites. Every pre-owned SD22 unit undergoes rigorous multi-point workshop evaluations—including engine compression tests, torque converter calibration, transmission pressure checks, and final drive inspections—ensuring flawless performance immediately upon arrival at your job site.

Unique Product Highlights

High-Performance Cummins Turbocharged Engine: Equipped with a dependable Cummins 6-cylinder diesel powerplant, offering high low-end torque, exceptional thermal stability, and reliable

power delivery in high-temperature environments.

Tier 2 / Non-Complex Emission Design: Engineered without sensitive after-treatment systems (such as DPF or DEF/urea), making it highly adaptable and resilient when running on local or varying grades of overseas diesel fuel.

Optimized Power-Shift Transmission: Features a reliable planetary power-shift transmission with a smooth torque converter, allowing effortless directional changes and maximum drawbar pull under heavy loads.

Heavy-Duty Undercarriage Architecture: Robust 2000 mm track gauge combined with standard 560 mm triple-grouser track shoes (with optional wetland wider plates) ensures superior ground contact and traction in loose soil or mud.

Superior Blade Capacity & Versatility: Outfitted with a high-capacity straight tilt blade designed for aggressive material rolling, precise site leveling, and rapid push-loading cycles.

Product Applications

Mining Stripping & Quarry Operations: Clearing overburden, removing topsoil, and maintaining haul roads in open-pit mining environments.

Highway & Railway Infrastructure: Large-scale cutting, filling, subgrade leveling, and slope preparation across rugged geographical terrains.

Water Conservancy & Dam Construction: Shaping river banks, leveling reservoir beds, and compacting earth fill for flood control barriers.

Landfill & Waste Management: Spreading, leveling, and managing municipal refuse and industrial waste streams with heavy-duty protection.

Agricultural Land Clearing: Clearing dense brush, leveling virgin land, and constructing terrace fields for commercial farming.

Why Choose Our Pre-Owned Heavy Equipment

Maximum Capital Efficiency: Secure legendary Shantui-built bulldozing power and Cummins reliability while saving up to 50–60% compared to brand-new machinery investments.

No-Compromise Workshop Inspection: Every pre-owned machine goes through complete structural frame checks, blade pin analysis, and hydraulic pressure restoration before export.

Global Parts Availability & Service Ease: Because the SD22 is a global heavy-machinery staple, replacement filters, undercarriage links, and engine components are readily accessible worldwide.

Immediate Project Deployment: Skip lengthy factory manufacturing lead times with fully serviced, ready-to-ship heavy dozers available for immediate international container or flat-rack dispatch.