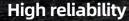


SKT90S

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SKT90S **WIDE BODY DUMP TRUCK**

Mining Hero Leading future with wisdom



With high-strength and low-stress frame, the integral stress level is 50% lower than that of similar products.

High security

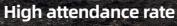
Hydraulic steering, emergency steering Emergency action is available after losing power accidentally.



SAN

High comfort

Front suspension adopts hydro-pneumatic suspension instead of traditional leaf spring to make driving more comfortable.



Low failure rate and high attendance rate greatly improve the profit capability and reduce the maintenance cost.

Smart electronic control system

Smart network, smart protection, preventive maintenance, procedure remote upgrade.

Main technical parameters

| Items | Parameters |
|---------------------------------|--|
| Body capacity (m ³) | Struck 33 / Heaped 38 |
| Gearbox | FC6A250DPR |
| Engine power (kW/ rpm) | 390/2,300 |
| Axle (t) | 25+35+35 |
| Steering form | Full hydraulic steering + emergency steering |
| Suspension structure | Front hydro-pneumatic suspension + rear leaf spring suspension |
| Frame structure | Riveted integral frame |
| Displacement (L) | 12.54 |
| Max. gradeability (%) | 30 |
| Min. ground clearance (mm) | 325 |
| Min. turning radius (mm) | 11,000 |

Weight parameters

| Weights | kg | lb |
|-------------------|--------|---------|
| Net weight | 32,000 | 70,485 |
| Rated payload | 60,000 | 132,160 |
| Max. gross weight | 92,000 | 202,645 |

* The maximum gross vehicle weight includes alternative devices, all accessories and load, etc.

Overall dimensions

| Overall dimensions | Value |
|--------------------|-------|
| Length (mm) | 9,107 |
| Width (mm) | 3,660 |
| Height (mm) | 4,530 |

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Customer Service Hotline | Tel: 0086-400 8808 318 Reminder:

🖷 Engine

- Model: Weichai WP13G530E310
- Rated power rate: 390kW/2100rpm
- Maximum torque : 2300N.m
- Engine emission conforms to GB20891-2014 standard.

Axle

- Heavy-load and full-floating semiaxle has strong carrying capacity.
- Enhanced main retarder and wheel side reducer have double- stage driving and larger driving force.
- High-strength cast steel axle housing, reliable and durable.

Steering system

- Full hydraulic steering, convenient, comfortable, reliable.
- Emergency steering provides backup steering force when losing steering force.

Dumping system

 ø196 lifting cylinder, the lifting process of single front cylinder is stable and reliable.

🖾 Cab

- Full-frame structure ensures safety of drivers.
- Extra large front windshield ensures wider driving vision.

🚺 Tire

Tire model: 16.00R25 (select appropriate patterns according to working conditions)

🤶 Suspension

- Front suspension: non-independent hydropneumatic spring suspension with hydro-pneumatic (nitrogen) suspension cylinder with the characteristic of variable damping. It has large energy storage unit and variable stiffness to absorb the impact on the road.
- Rear suspension: equipped enhanced leaf spring, maintenance-free balance shaft and tie rod.
- Balance shaft: ø130 mm maintenance -free balance shaft.

🔔 – Body

- Container skeleton adopts pulling-through structure with higher strength.
- Main steel plate adopts high strength wearing plate with longer service life.
- Volume: struck: 33 m³; heaped: 38 m³

H Transmission

- Model: FC6A250DPR
- Flexible automatic gear shift with small impact.
- Hydraulic torque converter, stronger driving force.
- Hydraulic retarder, stable speed control when going downhill.

Optional configurations

| Part | Options |
|-------------------------------------|--|
| Tail-rising hopper | Load and unload large-diameter materials |
| Centralized lubrication system | Fill grease automatically |
| Automatic fire extinguishing system | Automatic fire extinguishing in engine compartment |
| Air suspension seat | Improve driving comfort |
| Vacuum tire | Tubeless tire |
| Braking sprinkler | Spray on the rake drum to lower its temperature |
| Hydrodynamic retarder | Assist braking, providing force of retarder |
| Extended brim | The brim covers the cab |

Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice. The machine in the picture may include additional equipment. This brochure is for reference only, and goods in kind shall prevail. Copyright at SANY. No part of this brochure may be copied or used for any purpose without written approval from SANY.

