Engineering built smarter.
Solutions built to last.

Tuboshu delivers innovative, sustainable engineering built for Africa. Backed by decades of expertise, we design adaptive, high-performance solutions that solve real operational challenges. Our commitment to quality drives every project, supported by a trusted network for maintenance, technical assistance, and ongoing after-sales service.

Elevate Your Power

TUBOSHU

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Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Tuboshu equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Develon units may show other than standard equipment.

TUBOSHU

WHEEL LOADER

TW750-S

TECHNICAL SPECIFICATION

CHARACTERISTICS

Manufacturer	TUBOSHU
Model	TW750-S
Configuration Number	TUHSI750UK

GENERAL INFO

Rated Working Load	7000 kg
Rated Bucket Capacity	5.2 m³
Operating Weight	23400 kg
Dumping Height	3540 mm
Dumping Reach	1220 mm
Wheelbase	3550 mm
Tread	2380 mm
Gradeability	27°
Overall Length	9445 mm
Overall Height	3670 mm
Bucket Width	3200 mm
Maximum Breakout Force	215 kN
Maximum Taction Force	240 kN
Turning Tadius	6710 mm
Boom Lifting Time	≤5.5 s
Total Cycle Time	≤10.1 s
Tire Size	26.5-25 vaccuum tire

ENGINE

Brand	Weichai
Model	WP10H
Rated Power	199Kw / 2200rpm

TRAVEL SPEED

Forward Gear I Speed	6.5km/h
Forward Gear II Speed	12.9 km/h
Forward Gear III Speed	25.8 km/h
Forward Gear IV Speed	39.7 km/h
Reverse Gear I Speed	6.5 km/h
Reverse Gear II Speed	12.9 km/h
Reverse Gear III Speed	25.8 km/h

OIL FILLING

Fuel Tank Capacity	365 L
Hydraulic Oil Tank Capacity	185 L

Fixed Axle Box GearBox

Brake System

It adopts fully hydraulic dual circuit wet service braking and caliper disc parking brake, with independent front and rear axle braking and low pressure alarm protection. Emergency braking and parking braking are combined to assure your safe operation and driving. The excellent MICO braking components further enhance the reliability of the braking system.

Working Device and Bucket

- Optimized operating tools designed with Z-type reverse six-linkage structure integrated with single rocker arm, short tie rod and horizontal boom cylinder, featuring superior operating performance and efficiency.
- Automatic bucket leveling at any position, eliminating the trouble of adjusting the bucket when carrying out the excavation cycle again, and simplifying the driver's operation.
- All hinge pins designed with dust-proof lubrication structure to prevent grease from dust and contamination, and provide reliable protection for hinge pins and bushings, and configured with centralized lubrication system as standard to minimize maintenance time.
- Bucket made of high-strength wear-resistant plates to ensure higher durability.

Transmission System

- Engine: China III EFI turbocharged engine from a world-class brand, integrated with air-to-air intercooler, electric start & flameout and three-stage desert air filter suitable for dusty conditions, feature not only higher reliability and adaptability, but also lower fuel consumption and emission, and is ideal for various operating conditions. The hydraulic driven electronic control intelligent heat dissipation system can adjust the fan speed according to the heat dissipation requirements of each system, realizing energy conservation, high efficiency and optimal performance; it has a manual reverse function to clean the radiator better and reduce routine maintenance time.
- Transmission: The torque converter and transmission system adopts transmission from a world-class brand, with 4 forward gears and 3 reverse gears, featuring electronically-controlled gear shifting, as well as KD gear and neutral start functions; the large-capacity torque converter featuring efficient transmission can assure higher operation efficiency and cost effectiveness; the joystick for operating unit is integrated with FNR switch and KD gear (one stick), enabling quick and easy steering of the machine, reducing the shoveling and loading cycle of the machine.
- Drive axle: The drive axle is a wet drive axle from a world-class brand with maintenance-free compound wet brake block, extending the service life of the axle; the front axle has a differential locking function, improving the overall trafficability of the machine under harsh working conditions. Thanks to 29.SR25 low-pressure radial tires with minimal rolling resistance and reduced wear, combined with swingable rear axle ensuring excellent off-road performance and passability, the vehicle is suitable for driving and working even on rough roads.

Hydraulic System

- Incorporated with load-sensing fully-variable displacement hydraulic system, the machine is able to deliver the pressure and flow according to the needs of various tools, eliminating overflow loss, and significantly improving fuel efficiency and productivity; the work control system adopts dual pump confluence technology, prioritizing steering, further improving work efficiency.
- it adopts load sensing, flow amplification, full variable hydraulic combined steering, making operation easy and flexible, saving energy, reducing consumption; the steering limit is a mechanical and hydraulic dual limit, reducing steering impact, improving the driver's operating comfort and overall reliability.
- The second steering assistance system ensures that the entire machine still has steering function when it is towed by a trailer in the event of loss of power, improving the safety and reliability of the entire machine during driving.

Cab and Control System

SINOMACH 's innovative FOPS&ROPS micro-pressurized cab features large space, wide field of view and excellent sealability. The silicone shock absorber is connected to the frame, which greatly reduces the vibration of the cab. The airbag shock-absorbing seat with composite control can improve the riding comfort; and the air conditioner designed with heating and cooling modes supports intelligent temperature control to provide the operator with a suitable temperature all the time .