



Item	Unit	Value
Rated bucket capacity	m ³	20
Rated loading capacity	t	45
Maximum traveling speed	km/h	30.1
Minimum turning radius	mm	5095/9080(inner side/outer side)
Transport dimensions (L×W×H)	mm	10590×3070×2900
Total weight	t	37±0.5
Power system		
Brand model	/	Volvo TAD1643VE-B
Emission standard	/	Euro III
Rated power	kW	450
Fuel tank volume	L	750
Transmission system		
Torque converter	/	DANA C9000
Gearbox	/	DANA 8000
Drive axle	/	Kessler D106
Frame		
Wheelbase	mm	5545
Ground clearance	mm	457
Steering angle	°	±43
Approach angle	°	15
Swing angle	°	±8
Truck bed		
Dumping time	s	14
Maximum dumping height	mm	5800
Maximum lifting angle	°	62
Loading height	mm	2700

Advantages

- It has automatic gearshift, automatic lock-up, intelligent speed assistance systems and other configurations, with high intelligence;
- It has whole machine real-time monitoring, fault self-diagnosis, hierarchical alarm, and floor-type maintenance, with convenience and high efficiency;
- It adopts SAHR brake combined with engine exhaust brake and retarder, which is safe and reliable for long downhill traveling;
- It has functions of independent heat dissipation and adaptive heat dissipation control;
- It has a FOPS/ROPS closed cab equipped with air conditioner, air suspension seat and adjustable steering wheel, which is safe, comfortable, and highly adaptable to the environment;
- It is equipped with a variety of safety measures, such as frame and compartment structure lock-up, cold and hot side isolation design, traveling video (including reversing video), and other functions;
- It adopts electrical and hydraulic components of internationally famous brands, with high reliability;
- It has multiple optional functions: automatic fire extinguishing, tire pressure monitoring, automatic weighing, electric emergency steering, top foldable safety guardrail, and rapid fuel filling.

