



Item	Unit	Value
Rated bucket capacity	m ³	6
Rated loading capacity	t	14
Maximum breakout force	kN	220 (Hydraulic)
Maximum traction force	kN	303
Maximum traveling speed	km/h	20.5
Minimum turning radius	mm	3300/6900 (inner side/outer side)
Transport dimensions (L×W×H)	mm	11060×2830×2570
Total weight	t	37.8±0.5
Power system		
Brand model	/	Volvo TAD1351VE
Emission standard	/	EU III
Rated power	kW	285
Fuel tank volume	L	450
Transmission system		
Torque converter	/	DANA C9000
Gearbox	/	DANA 6000
Drive axle	/	Kessler D106
Working device		
Maximum dumping height	mm	2395
Minimum dumping distance	mm	1700
Maximum lifting force	kN	140
Total time	s	14.7
Frame		
Wheelbase	mm	3650
Ground clearance	mm	386
Steering angle	°	±42.5
Departure angle	°	12
Swing angle	°	±8

Advantages

- XUL514 underground LHD is a large-tonnage diesel LHD, which meets the requirements of mine safety certification. It is suitable for loading, hauling and dumping of materials in mine tunnels and other small tunnels in non-explosive environments, and can meet the loading requirements of mining trucks within 45t during underground mining;
- With a high protection grade, this machine can adapt to humid and dusty environments of 4.6m×4.6m tunnels in underground mines. It is highly intelligent, safe, reliable and stable during operation, which can greatly improve the productivity and profitability of underground mines;
- The cab meets FOPS and ROPS standard certification. The cab is fixed with rubber shock absorbers, with a flame-retardant and noise reducing interior and adjustable floating seats, providing a comfortable working environment for the operator;
- It has multiple functions: frame steering locking, fault alarm and intelligent detection, moving arm locking, dry powder fire extinguisher, oil pressure detection, oil temperature detection and alarm, automatic concentrated lubrication system, APC automatic gearshift control.

