



### Engine

Model	Cummins M11-C190
Type	Direct injection, turbocharged, water cooled
Rated power	216KW
Rated speed	2100rpm
Rated fuel consumption	205g/kw·h

### Main Technical Specification

Rated load	7500Kg
Operating weight	23500Kg
Rated bucket capacity	4.2m <sup>3</sup>
Max. breakout force	220KN
Max. dump clearance	3220mm
Dump reach	1275mm
Dump angle at any position	45°
Digging depth (with bucket bottom horizontal)	221mm
Max. turning radius (outside of rear wheel)	6487mm
Oscillating angle of rear axle	±12°
Lifting time of bucket	≤6.1s
Lowering time of bucket	≤3.8s
Dumping time	≤1.9s

### Working Equipment

Model of oil pump	322-9529-157
System pressure	21MPa
Model of multi-way directional valve	HUSCO
Pilot valve	HUSCO

### Axle And Tyre

Type of main reducer	Single stage
Gear ratio of main reducer	4.777
Type of final reducer	Single stage planetary
Gear ratio of final reducer	5.167
Total ratio	24.685
Max. tractive force	222KN
Tyre size	26.5-25

### Steering System

Type	Middle articulated frame, full hydraulic power
Model of steering pump	322-9112-207
Model of redirector	150-1084
System pressure	17.5MPa
Articulated steering angle	38±1° (L/R)

### Transmission System

Torque Converter	
Model	ZF
Type	3 elements, single stage
Torque ratio	2.985
Cooling type	Pressure oil circulating
Gear box	
Model	ZF 4WG308
Type	Power shift
Gear shifts(Forward/Reverse)	F4/R3
Travelling speed(km/h)	
Forward/Reverse I	7.4/7.4
Forward/Reverse II	12.4/12.4
Forward/Reverse III	25.9/25.9
Forward IV	37

### Dimensions

Overall length(with bucket on ground)	8968mm
Overall width(to outside of wheels)	3099mm
Overall height(to the top of the cab)	3730mm
Bucket width	3266mm
Wheel base	3400mm
Tread	2350mm
Ground clearance	495.5mm

### Service Capacities

Fuel tank	423L
Engine crank case	32L
Converter and gear box	38L
Hydraulic tank	300L
Driving axles (F/R)	70/57L

### Braking System

Service brake	Full hydraulic
Hydraulic pressure	15MPa
Emergency brake	Lower pressure alarm brake
Parking brake	Electric control

### Optional

Log clamp  
ROPS