



Engine

Model	Cummins 6BT5.9
Type	Six-cylinder, water-cooled turbocharged, mechanical injection
Rated power	100KW
Rated speed	2300rpm

Axle

Drive type	Four wheel drive(6×4)
Front axle ground clearance	520mm
Front wheel lean	17°(L/R)
Oscillation	±15°
Drive axle	Three stages with No-SPIN differential

Dimensions

Overall length	7800mm
Overall width(wheel outside)	2400mm
Overall height	3245mm
Wheel base	5468mm
Front tread	1860mm
Rear tread	2100mm
Tyre size	16/70-20

Transmission System

Torque converter type	3 elements, single stage
Torque ratio	1.5~3
Cooling type	Oil cooled, pressure circulation
Gearbox type	Power shift
Gear shifts(Forward/Reverse)	F6/R3
Travelling speed(km/h)	
Forward/Reverse I	4.6/4.6
Forward/Reverse II	7.2/11.8
Forward/Reverse III	11.8/28.3
Forward IV	18.5
Forward V	28.3
Forward VI	44.1

Working Equipment

Control system	Hydrostatic drive system
Hydraulic pump	Gear pump
Control valve	Two sets, five pieces per set
Control pressure	16.8MPa
Hydraulic oil cylinder	Dual action cylinder
Max. tractive force	50.4KN
Ground penetration	420mm
Blade width	3355mm
Blade cycling	360°
Max. bank cutting angle	90°(L/R)
Operating weight	10650kg

Service Capacities

Fuel tank	150L
Engine crank case	19L
Hydraulic tank	90L
Gear box	15L
Rear axle	22L
Balance box	15L(each)
Worm gear case	2L

Steering System

Front wheel steering angle	45°(L/R)
Articulated steering angle	25°(L/R)
Drive type	Dual action cylinder

Braking System

Service brake	Hydraulic caliper disc brake actuate 4 rear wheels
Parking brake	Hand operated hoop brake

Optional

Five-shank ripper
Front dozer
Air conditioner

Tandem Drive

Type	Swing type with roller chain transmission
Speed ratio	18.03