



Engine

Model	Cummins QSM11
Type	Electronically controlled, Tier III
Rated power	228KW
Rated speed	2100rpm
Rated fuel consumption	223g/kw-h

Steering System

Front wheel steering angle	50°(L/R)
Turning radius	12.4m(non leant wheel) 13.0m(leant wheel)
Articulated steering angle	25°(L/R)
Drive type	Dual action cylinder

Dimensions

Overall length	10520mm
Overall width(wheel outside)	3140mm
Overall height	3700mm
Wheel base	7760mm
Front tread	2494mm
Rear tread	2494mm
Tyre size	18.00-25

Transmission System

Type	3 elements, single stage
Torque ratio	2.8
Cooling type	Oil cooled, pressure circulation
Gear box type	ZF Power shift
Gear shifts(Forward/Reverse)	F6/R3
Travelling speed(km/h)	
Forward/Reverse I	5.2/5.2
Forward/Reverse II	8.1/12.5
Forward/Reverse III	12.5/27.1
Forward IV	19.1
Forward V	27.1
Forward VI	40

Working Equipment

Control system	Hydrostatic drive system
Hydraulic pump	Gear pump
Control valve	Two sets, five pieces per set
Control pressure	25MPa
Hydraulic oil cylinder	Dual action cylinder
Max. tractive force	165KN
Ground penetration	470mm
Blade width	4920mm
Blade cycling	360°
Max. bank cutting angle	80°(L/R)

Service Capacities

Fuel tank	380L
Engine crank case	30L
Hydraulic tank	130L
Gear box	45L
Rear axle	35L
Balance box	40L(each)
Worm gear case	6L

Axle

Drive type	Four wheel drive(6x4)
Front axle ground clearance	670mm
Front wheel lean	17°(L/R)
Oscillation	±15°
Drive axle	Imported No-SPIN differential

Braking System

Service brake	Wet brake, actuate 4 rear wheels
Parking brake	Hand operated hoop brake

Optional

M11-C engine
Three, five, seven-shank ripper
Front dozer
Air conditioner
Auto-leveling system

Tandem Drive

Type	Swing type with roller chain transmission
Speed ratio	18.03