



Engine

Model	Cummins 6BTA5.9-C170
Type	Direct injection, turbocharged, water cooled
Rated power	125KW
Rated speed	2300rpm
Rated fuel consumption	208g/kw-h

Steering System

Front wheel steering angle	45°(L/R)
Turning radius	10.0m(non leant wheel) 10.4m(leant wheel)
Articulated steering angle	25°(L/R)
Drive type	Dual action cylinder

Dimensions

Overall length	8285mm
Overall width(wheel outside)	2790mm
Overall height	3340mm
Wheel base	6062mm
Front tread	2150mm
Rear tread	2340mm
Tyre size	17.5-25

Transmission System

Type	3 elements, single stage
Torque ratio	1.5~3
Cooling type	Oil cooled, pressure circulation
Gear box type	Power shift
Gear shifts(Forward/Reverse)	F6/R3
Travelling speed(km/h)	
Forward/Reverse I	5.47/5.47
Forward/Reverse II	9.47/12.4
Forward/Reverse III	12.4/25.69
Forward IV	20.96
Forward V	25.69
Forward VI	40.35

Working Equipment

Control system	Hydrostatic drive system
Hydraulic pump	Gear pump
Control valve	Two sets, five pieces per set
Control pressure	18MPa
Hydraulic oil cylinder	Dual action cylinder
Max. tractive force	73.5KN
Ground penetration	500mm
Blade width	3660mm
Blade cycling	360°
Max. bank cutting angle	90°(L/R)

Service Capacities

Fuel tank	228L
Engine crank case	19L
Hydraulic tank	130L
Gear box	21L
Rear axle	28L
Balance box	23L(each)
Worm gear case	2.5L

Axle

Drive type	Four wheel drive(6x4)
Front axle ground clearance	630mm
Front wheel lean	17°(L/R)
Oscillation	±15°
Drive axle	Three stages with No-SPIN differential

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