



Engine

Model	Cummins 6CTA8.3
Type	Six-cylinder, water-cooled turbocharged, mechanical injection
Rated power	169KW
Rated speed	2200rpm

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

Dimensions

Overall length	9100mm
Overall width(wheel outside)	2600mm
Overall height	3500mm
Wheel base	6335mm
Front tread	2150mm
Rear tread	2340mm
Tyre size	17.5-25

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	5.74/5.74
Forward/Reverse II	8.73/13.02
Forward/Reverse III	13.02/26.98
Forward IV	17.49
Forward V	26.98
Forward VI	38.98

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	86.6KN
Ground penetration	500mm
Blade width	4270mm
Blade cycling	360°
Max. bank cutting angle	90°(L/R)
Operating weight	16500kg

Service Capacities

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

Tandem Drive

Type	Swing type with roller chain transmission
Speed ratio	18.03

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	