



Engine

Model	C6121ZG05a
Type	Direct injection, turbocharged, water cooled
Rated power	131KW
Rated speed	1900rpm

Main Technical Specification

Operating weight(without ripper)	17800Kg
Ground pressure(without ripper)	0.0692MPa
Grade ability	58%
Overall dimensions (LxWxH,without ripper)	5236x3297x3160mm
Max. tractive force	139.6 KN

Main Features

Powerful operation capacity and low fuel consumption
 Power shift transmission
 Swing type of sprayed beam
 Suspended structure of equalizer bar
 Easy service and maintenance

Implement Hydraulic System

Hydraulic flow rate	190L+19L/min
Hydraulic pressure	12MPa
Pump type	Double gear pump
Control valve	Hydraulic operated, pilot control

Working Equipment

Blade type	Straight
Width	3297mm
Height	1170mm
Max. digging depth	420mm
Max. lift above ground	852mm
Tilting angle	8.5°
Blade capacity	4.5m ³

Steering Clutch And Brake

Steering clutch
 Hydraulically actuated, multiple-disc oil clutches, spring pressed,hydraulic separated

Steering brake
 Oil, two-direction floating band with mechanism foot pedals, hydraulic boosted.

Under Carriage System

Sprocket	Segmented
Number of track rollers (each side)	6 (4 single, 2 double)
Number of carrier rollers (each side)	2
Number of front idler (each side)	1
Track type	Single grouser
Track tension	Hydraulic
Track pitch	203mm
Track width	500mm
Number of track shoes (each side)	38
Track length on ground	2570mm
Ground clearance	352.5mm

Transmission System

Torque converter	3 elements, single stage, single phase
Gear box	Power shift, forced lubrication, planetary gear
Bevel gear	Helical bevel gear, splash lubricated
Final drive	Spur gear, double reduction, splash lubricated
Gear shifts(Forward/Reverse)	F3/R3
Travelling speed(km/h)	
Forward/Reverse I	3.3/4.0
Forward/Reverse II	6.3/8.0
Forward/Reverse III	11.4/13.9

Service Capacities

Fuel tank	230L
Water tank	60L
Implement oil tank	85L

Optional

Cummins NT855 engine
 Three-shank ripper
 Angle, U-blade
 Air conditioner