



Engine

Model	CAT licensed C6121
Type	Turbocharged, water cooled
Rated power	119KW
Rated speed	1900rpm

Main Technical Specification

Operating weight(without ripper)	16500Kg
Ground pressure(without ripper)	0.0552MPa
Grade ability	58%
Overall dimensions (LxWxH,without ripper)	5037x3297x3077mm
Max. tractive force	145KN

Main Features

Developed on the basis of CAT's original drawing of D6D
 Power shift transmission
 Swing type of sprayed beam
 Suspended structure of equalizer bar

Implement Hydraulic System

Hydraulic flow rate	178L/min
Hydraulic pressure	15.5MPa
Pump type	Gear pump
Control valve	Hydraulic operated

Working Equipment

Blade type	Straight
Width	3297mm
Height	1170mm
Max. digging depth	592mm
Max. lift above ground	794mm
Tilting angle	10°
Blade capacity	4.5m ³

Steering Clutch And Brake

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

Steering brake
 Oil-cooled, hydraulically-boosted two direction contracting band brakes with pedal control

Under Carriage System

Sprocket	Segmented
Number of track rollers (each side)	7 (3 single, 4 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	560mm
Number of track shoes (each side)	39
Track length on ground	2570mm
Ground clearance	445mm

Transmission System

Torque converter	Torque divider combined
Gear box	Planetary, power shift
Final drive	Spur gear, double reduction, splash lubricated
Gear shifts(Forward/Reverse)	F3/R3
Travelling speed(km/h)	
Forward/Reverse I	4.0/4.8
Forward/Reverse II	6.9/8.4
Forward/Reverse III	10.9/12.9

Maintenance Filling Capacity

Fuel tank	230L
Water tank	70L
Implement oil tank	110L

Optional

Three-shank ripper
 LGP track
 Angle, U-blade
 Air conditioner