



Engine

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|-------------|--------------------------------------|
| Model | CAT licensed C6121 |
| Type | Water cooled, vertical, turbocharged |
| Rated power | 169KW |
| Rated speed | 2100rpm |

Main Technical Specification

| | |
|------------------------------------------------------|------------------|
| Operating weight(without ripper) | 23800Kg |
| Ground pressure(without ripper) | 0.0719MPa |
| Grade ability | 58% |
| Overall dimensions (LxWxH, with single shank ripper) | 7604x3823x3402mm |
| Max. tractive force | 280KN |

Main Features

Special elevated sprocket, triangle shaped track
 Power separating hydraulic-mechanical torque converter
 Assembly-designed transmission, easy service and maintenance
 Three-stage alarm electron monitor system
 Pivot-type articulating system
 Rops cab with air conditioner

Implement Hydraulic System

| | |
|---------------------|-------------------------|
| Hydraulic flow rate | 194L/min |
| Hydraulic pressure | 18.6MPa |
| Pump type | High pressure gear pump |
| Control valve | Hydraulic operated |

Working Equipment

| | |
|------------------------|-------------------|
| Blade type | Straight |
| Width | 3500mm |
| Height | 1550mm |
| Max. digging depth | 500mm |
| Max. lift above ground | 1170mm |
| Tilting angle | 9° |
| Blade capacity | 8.4m ³ |

Steering Clutch And Brake

Steering clutch
 Oil-type, free-adjustment, multiple disc, pressed hydraulically
 Steering brake
 Pressed by spring, separated hydraulically, constant meshed type

Under Carriage System

| | |
|---------------------------------------|---------------------------|
| Sprocket | Elevated |
| Number of track rollers (each side) | 7 (4 single, 3 double) |
| Number of carrier rollers (each side) | 1 |
| Number of front idler (each side) | 2 |
| Track type | Single grouser |
| Track tension | Hydraulic |
| Track pitch | 404mm |
| Track width | 560mm |
| Number of track shoes (each side) | 40 |
| Track length on ground | 2890mm |
| Ground clearance | 404mm |

Transmission System

| | |
|------------------------------|-----------------------------------------------------------------------------------------|
| Torque converter | Power separating hydraulic mechanical type |
| Transmission assembly | Integrated bevel gear, multiple stage planetary gear box, speed changing control valve, |
| Final drive | Two stage planetary reduction gear mechanism |
| Gear shifts(Forward/Reverse) | F3/R3 |
| Travelling speed(km/h) | |
| Forward/Reverse I | 3.9/4.8 |
| Forward/Reverse II | 6.5/8.2 |
| Forward/Reverse III | 10.9/13.2 |

Service Capacities

| | |
|--------------------|------|
| Fuel tank | 450L |
| Water tank | 118L |
| Implement oil tank | 100L |

Optional

Cummins NT855-C280 engine
 Single-shank, three-shank ripper
 LGP track
 Angle, U-blade