



Engine

Model ----- Cummins NT855
Type ----- Six-cylinder, water-cooled
turbocharged, mechanical injection
Rated power ----- 162KW
Rated speed ----- 1800rpm

Implement Hydraulic System

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

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 ----- 220mm
Track width ----- 560mm
Number of track shoes (each side) ----- 40
Track length on ground ----- 2890mm
Ground clearance ----- 404mm

Main Technical Specification

Operating weight(without ripper) --- 23800Kg
Ground pressure(without ripper)- 0.0719MPa
Grade ability ----- 58%
Overall dimensions (L×W×H, without ripper)
----- 6100×3550×3440mm
Max. tractive force ----- 280KN

Working Equipment

Blade type ----- Side-tipping
Width ----- 3500mm
Height ----- 1550mm
Max. digging depth ----- 500mm
Max. lift above ground ----- 1170mm
Tilting angle ----- 9°
Blade capacity ----- 6.8m³

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

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

Steering Clutch And Brake

Steering clutch
Oil-type, free-adjustment, multiple disc, pressed
hydraulically

Steering brake
Pressed by spring, separated hydraulically,
constant meshed type

Service Capacities

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

Optional

Single-shank, three-shank ripper
LGP track
Angle, U-blade
Air conditioner