



Engine

Model	Cummins KTA19-C
Type	Turbocharged, vertical, four-stroke, PT pump injection
Rated power	316KW
Rated speed	1800rpm

Main Technical Specification

Operating weight(without ripper)	44588Kg
Ground pressure(without ripper)	0.102MPa
Grade ability	30°
Overall dimensions (LxWxH, with single shank ripper)	8478x4314x3970mm
Max. tractive force	440KN
Cab	Rops with A/C

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
- Elastic suspended undercarriage system

Implement Hydraulic System

Hydraulic flow rate	300L/min
Hydraulic pressure	18.3MPa
Pump type	Double vane pump
Control valve	Hydraulic operated

Working Equipment

Blade type	Straight
Width	4314mm
Height	1934mm
Max. digging depth	614mm
Max. lift above ground	1422mm
Tilting angle	9°
Blade capacity	13.5m ³

Steering Clutch And Brake

Steering clutch
Oil-type, free-adjustment, Multiple disc, Pressed hydraulically

Steering brake
Pressed by spring, Separated hydraulically, Costant meshed type

Under Carriage System

Sprocket	Elevated
Number of track rollers (each side)	8 (4 single, 4 double)
Number of carrier rollers (each side)	1
Number of front idler (each side)	2
Track type	Single grouser
Track tension	Hydraulic
Track pitch	240mm
Track width	610mm
Number of track shoes (each side)	43
Track length on ground	3474mm
Ground clearance	517mm

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	6.7/8.5
Forward/Reverse III	12.2/15.1

Service Capacities

Fuel tank	889L
Water tank	125L
Implement oil tank	89L

Optional

- Cummins QSX15 engine
- U-blade
- Single-shank ripper