

XC948



RATED POWER	- 227 Hp
PAYLOAD CAPACITY	- 5000 kg
OPERATING WEIGHT	- 16520 kg
BUCKET CAPACITY	- 3.0 Cu.m

ENGINE

Make	Weichai
Model	WP10HG230E670
Emission Regulation	CEV - V
Power	227 Hp @2200 rpm
Torque	1200 N.m @ 1400-1600 rpm
Displacement (L)	9.7
Aspiration	Turbocharged

TRANSMISSION

Make	XCMG
Model	2BS315A(XVIII)
Type	Powershift
Torque converter	XCMG
Number of Gears	2F / 1R
Travel speeds (km/hr)	38F / 17R

AXEL

Make	XCMG
Type	One stage-planetary deceleration
Axel Oscillation (°)	±11

BRAKES

Service Brakes	Air over oil disc brakes on 4 wheels
Parking Brakes	Soft shaft operation, inner expanding shoe type

TIRES

Tire Size	23.5-25
Tire Type	Biased

BUCKET OPTIONS

Standard (G.P) Bucket (Cu.m)	3.0
Optional Bucket (Cu.m)	Rock 2.7 / Coal 5.0

HYDRAULIC SYSTEM

Main Pump Type	Gear Pump
Main Relief Pressure (Mpa)	20.5
Pump Flow Rate (Lpm)	180
Control Type	Hydraulic
Full Cycle Time (Sec)	≤9.5
Cylinders Type / Make	Double Acting

STEERING SYSTEM

Steering Type	Hydraulic steering
Pump Type	Gear Pump
Steering Relief Pressure (Mpa)	19
Flow Rate (L/Min)	90
Max Steering / Turn Angle (°)	±37

SERVICE CAPACITIES

Fuel Tank (L)	300
Adblue Tank (L)	30
Engine Oil (L)	22
Cooling System (L)	50
Hydraulic Tank (L)	125
Transmission (L)	45
Front Axel (L)	27
Rear Axel (L)	27

LOADER PERFORMANCE WITH STANDARD BUCKET

Payload (kg)	5000
Operating weight (kg)	16520
Tipping Load - straight (kg)	10000
Tipping Load - Turning (kg)	12000
Bucket Breakout Force (kN)	175
Hinge pin Height (mm)	4150
Dump Clearance at Full Height (mm)	≥3090
Dump Reach at Full Height (mm)	1220
Max Digging depth (mm)	90
Ground Clearance (mm)	425
Wheel Base (mm)	3250
Overall Length (mm)	8100
Width Outside Tires (mm)	2850
Overall Height Cab Roof (mm)	3455
Turning Radius Outside Tyre Centre (mm)	6065
Turning radius Outside Bucket (mm)	7000
Max Gradability (°)	29
Max Dump Angle At Full Height (°)	45
Bucket Rollback at Full Height (°)	57
Bucket Rollback at Carry (°)	47
Bucket Rollback at Ground Level (°)	43

ACCESSORIES

ROPS/FOPS cabin (Certified Level-2)	STD
IIOT	STD
Rear View Camera	STD
Automatic Lubrication system	OPT
Auto Fire suppression system	OPT
Cabin Guard	OPT

