

SPECIFICATIONS

ENGINE	
Model.....	Cummins 6BT5.9C
Type.....	6 cylinder in-line water cooled
Rated fly wheel power.....	133 PS @ 2000 rpm
Max.torque.....	54.8 kgf-m @ 1300 rpm
Batteries.....	2 X 12 V

HYDRAULIC SYSTEM	
Main pumps.....	2 variable displacement axial piston pumps
Max. oil flow.....	2 X 221 lpm
Pilot pump.....	1 gear pump
Max. oil flow.....	20 lpm

SUPERSTRUCTURE	
Swing speed.....	13.7 rpm

RELIEF VALVE SETTINGS	
Implement circuit.....	285 kgf/cm²
Swing circuit.....	260 kgf/cm²
Travel circuit.....	350 kgf/cm²
Pilot circuit.....	40 kgf/cm²

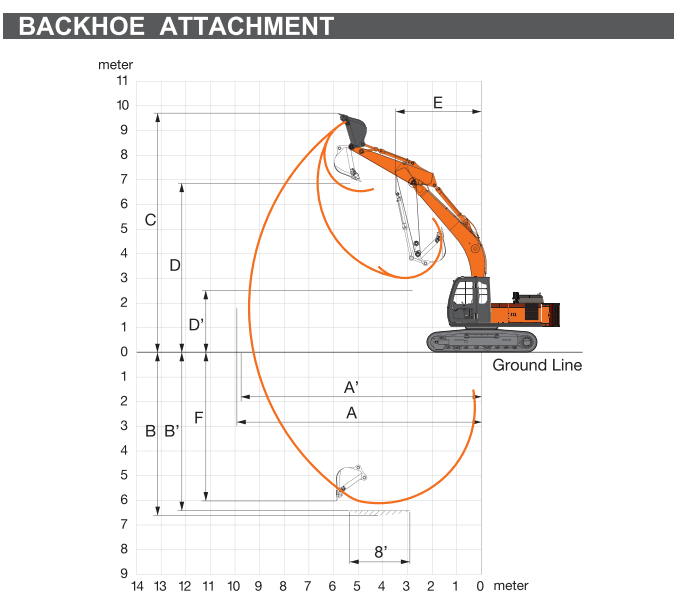
UNDERCARRIAGE	
Travel speeds.....	0-4.2 kmph
Max.traction force	15,200 kgf
Gradeability.....	35° (70% continuous)
No.of upper rollers.....	2
No. of lower rollers.....	8
No. of track shoes.....	52
Shoe width.....	600 mm

SERVICE REFILL CAPACITIES	
Hydraulic tank.....	129.0 ltr
Hydraulic system.....	220.0 ltr
Fuel tank.....	315.0 ltr
Engine coolant.....	35.0 ltr
Engine oil (Sump).....	14.0 ltr
Swing device.....	6.7 ltr
Travel device (Each side).....	6.8 ltr

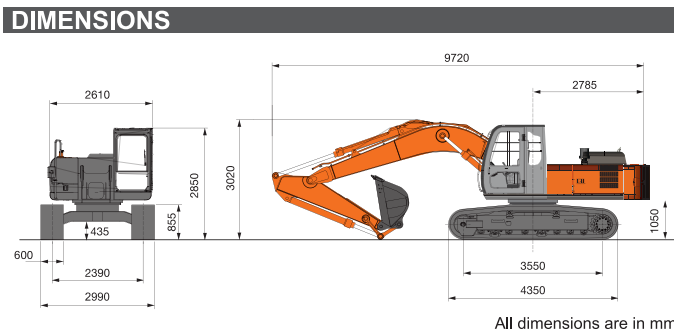
WEIGHTS AND GROUND PRESSURE		
Machine	Operating weight	Ground pressure
EX215LC Quarry Backhoe	21,200 kg	0.44 kgf /cm²

DIGGING FORCES	
BACKHOE	
Bucket digging forces.....11000 kgf	
Arm length	2.22 m
Arm digging force	11300 kgf

BUCKETS			
BACKHOE			
Capacity	Width without side cutter	Weight (approx.)	Tooth points
0.86 m³	997 mm	940 kg	4
1.00 m³	1256 mm	805 kg	5



WORKING RANGES		
BACKHOE		
	Boom length	5680
	Arm length	2220
A	Max. digging reach	9250
A'	Max. digging reach (on ground)	9060
B	Max. digging depth	5910
B'	Max. digging depth (8° level)	5670
C	Max. cutting height	8990
D	Max. dumping height	6230
E	Min. swing radius	3720
F	Max.vertical wall depth	5050



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These specifications are subject to change without prior notice. The machine depicted may vary from the actual machine. Please contact our nearest office for latest specifications. Accessories shown here are not part of the standard equipment. Performance of the machine may vary with site and operating conditions encountered.

Authorised Dealership

CHALO
DESH
BANAYE

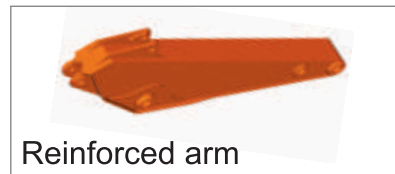
TATA HITACHI

Reliable solutions

EXPERIENCE THE POWER OF



Model : EX215LC
Engine Power : 133 PS @ 2000 rpm
Operating Weight : 21,200 kg
Bucket Capacity : 0.86 - 1.0 m³



Reinforced arm



Heavy duty boom

Rock Breaker piping kit (optional)

Strengthened bucket cylinder



Reinforced heavy duty bucket

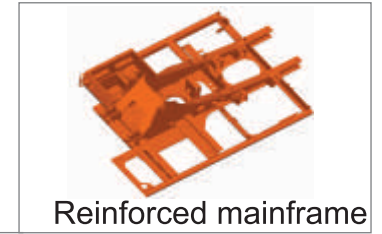
Shoe thickness increased by 20%

Forged rim idler

Heavy duty track links

FOPS cabin (optional)

Fuel filling pump (optional)



Reinforced mainframe

Heavy duty upper rollers

Strengthened track frame

Improved sprocket

Heavy duty lower rollers

Superior Hydraulics

Hitachi's original Optimum Hydraulic System – Benefit: fast and smooth combined operations for higher performance. It features:

- ✦ Cross sensing summation system
- ✦ Fuel saving pump system
- ✦ Original pilot circuit
- ✦ Boom and Arm regeneration, holding valves
- ✦ Spare spool for attachments
- ✦ Absolute type hydraulic filter



Boom & Arm Regeneration
resulting in energy saving

Unparalleled Versatility

- ✦ EX215LC Quarry has options of factory fitted rock breaker piping kits with return line filter (optional)



Alicon rock breaker

Power Optimization

- ✦ Powered by reliable and fuel efficient Cummins 6BT5.9C engine.
- ✦ Auto Idle and Auto Deceleration (Original Tata Hitachi technology)
- ✦ Mode selection feature [EP mode, HP mode]
- ✦ Default EP mode – engine starts in EP mode only, reducing fuel consumption and protecting the engine
- ✦ Engine efficiency improvement for lower fuel consumption



Fuel efficient engine



Dial type throttle

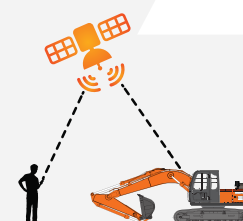
Efficiency Boosters

- ✦ Most comfortable heavy duty suspension seat in its class with dual tone fabric
- ✦ Ergonomic roomy cabin with advanced heat shielding technology
- ✦ Cyclonic type pre-cleaner
- ✦ Aluminum ROC for better cooling
- ✦ Reduced engine hood height for superior visibility
- ✦ Upgraded monitor, ergonomic hand grips and controls
- ✦ Hydra-mounts for cab mounting
- ✦ InSite enabled (Insights into your job site)
- ✦ 2 extra cab lights & Front guard as standard



Spacious and comfortable working space with well laid out controls

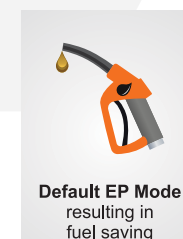
inSite
INSIGHTS INTO YOUR JOB SITE



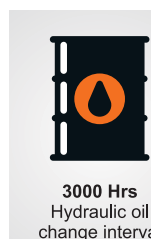
Improved serviceability

Return on Investment

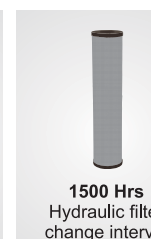
- ✦ Highest resale value
- ✦ Lower operating cost
- ✦ Best in class fuel efficiency
- ✦ Wide spread dealer network for easy availability of spare parts
- ✦ Field diagnostic vehicle for quicker after sales support
- ✦ Peace of mind through extended warranty
- ✦ Extended service intervals for reduced maintenance cost



Default EP Mode
resulting in fuel saving



3000 Hrs
Hydraulic oil
change interval



1500 Hrs
Hydraulic filter
change interval



2 years or
5000 hours
whichever is earlier*

*Conditions apply