

SE330

HYDRAULIC CRAWLER EXCAVATOR

- Engine model: Cummins 6C8.3(Tier2)/Cummins QSC8.3(Tier3)
- Rated power: Rated power: 186/194KW
- Operating weight: 32.9T



SHANTUI

(Model shown) May Include optional equipments

SE330



ENGINE

Model CUMMINS 6C8.3(Tier 2)
 CUMMINS QSC8.3 (Tier 3)
 Type.....direct injection, water cooled, 6 cylinders; turbocharged
 No. of cylinder.....6
 Displacement.....8.3L
 Power output186kw/2200RPM (Tier 2)/194Kw/2200RPM(Tier 3)



TRAVEL SYSTEM

Travel motors 2×Axial Piston Imported Nabotesike
 Travel brakes Hydraulic disc brake
 Parking brakes Oil disc brake per motor
 Travel shoes 2×48
 Travel speed 2.95/5.04 km/h
 Drawbar pulling force 243 KN
 Gradeability 70% (35°)
 Ground clearance..... 530 mm



HYDRAULIC SYSTEM

Pump imported Kawasaki
 Type.....2 variable displacement pumps +1 gear pump
 Max. discharge flow.....2×265L/Min
 Max. discharge pressure
 Boom, arm and bucket 31.9 Mpa
 Travel circuit 31.9 Mpa
 Swing circuit 25.5 Mpa
 Control circuit..... 3.9 Mpa
 Pilot control pump.....Gear type
 Main control valves.....8-spool
 Oil coolerAir cooled type



Cab & Controls

Cab.....All-weather, sound-suppressed Cab and equipped with a heavy, insulated Floor Mat, Front Window can be opened and slid; 6-direction adjustable Seat; LED display, Automatic monitoring, display and warning; cool & hot Air Conditioner;
 Control.....Two hand levers and two foot pedals for travel;
 Two hand levers for excavating and swing; Electric rotary-type engine throttle



BOOM, ARM & BUCKET

Boom cylinder..... $\Phi 140\text{mm} \times 100\text{mm} \times 1480\text{mm}$
 Arm cylinder..... $\Phi 160\text{mm} \times 110\text{mm} \times 1825\text{mm}$
 Bucket cylinder $\Phi 140\text{mm} \times 100\text{mm} \times 1825\text{mm}$



SWING SYSTEM

Swing motor.....Janpan
 Swing motor type.....Axial-piston motor
 BrakeHydraulic oil released, Spring tense
 Parking brakeHydraulic disc brake
 Swing speed10.5 Rpm
 Tail swing radius3438 mm



Bucket

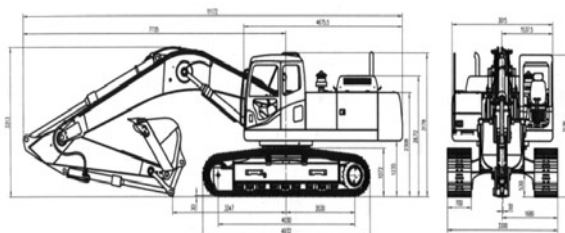
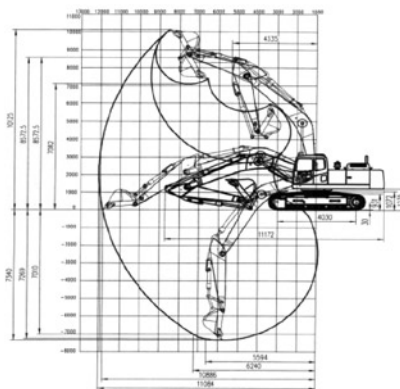
UseBackhoe bucket
 Bucket capacity1.41M³
 Bucket width1460 mm
 No. of bucket teeth5
 Bucket weight1230KG



Digging Force (ISO6015)

Range Parameters
 Arm length3.186 M
 Bucket digging force163.2 KN
 Arm crowding force.....142.9 KN

WORKING RANGES AND OVERALL DIMENSIONS



OPERATING WEIGHT AND GROUND PRESSURE

Ground pressure52.3 Kpa
 Operating weight32900 KG