

NEW JCB380LC QUARRY MASTER | POWER TO DO MORE



Download the JCB AR app from
Play Store or App Store
to see the machine in action.



Scan the image

Engine Power : 284 hp (212 kW) | Bucket Capacity : 1.4 cu.m - 1.8 cu.m | Operating Weight : 36,770 Kg





JCB 380LC QM



Your Most Reliable Partner

Heavy duty undercarriage for long life
 Reinforced structures: Boom & arm, lower & upper frames
 One Global Quality - Industry best components

Low on Maintenance

Long maintenance intervals
 Power core air filtration with scavenge system
 Increased boom end greasing interval - Innovative bushes

Stay in Control

LiveLink enabled
 Service - Reminders
 Operation - Fuel level and fuel consumption reports
 Security - Geofencing

We Care for Uptime

Premier Line Solutions
 Reinforced structures
 24x7 Uptime monitoring

Leading with Performance

Class leading lifting capacity, stability & digging force
 Superior multifunction for simultaneous operations
 Special profile bucket for handling marble & granite blocks

Excellent Fuel Efficiency

Fuel efficient JCB DieselMax 7.2 Litre CRDI Engine gives high torque at low speeds
 Energy saving hydraulics with Hydraulic Regeneration System
 Choice of economy modes



*As per the benchmarking data with leading competitions, comparative model in the class. It may vary depending on site condition, operator efficiency etc.

FABRICATION

- 1 High Precision Laser Cutting Technology is only used by JCB in the industry for excavator parts. This cutting-edge technology provides accurate profile cut parts, delivers stronger structures.
- 2 JCB is the first in the industry to use a Bevel Cutting Robot, which gives the accuracy of 0.1mm to the parts. Thereby, ensuring best weld joints and strength to each component.
- 3 JCB uses the unique Flattening Rollers, this 9-roll straightening process makes the parts straight within 0.1mm. This ensures accuracy of every structure, stronger components and best-in-class weld strength.
- 4 The high precision CNC Press Bending used by JCB ensures reliability of parts. This process delivers high precision and accurate bending of parts, making them of high quality and repeatable, JCB has biggest capacity for press brake in India to deliver the long parts without joints.
- 5 The unique Hydraulic Jigs make every JCB part reliable, accurate and repeatable. The predefined control points in this machine give every part the desired accuracy and avoid any manual intervention.
- 6 JCB uses the latest vision system in the robotic welding to weld 100% parts of the excavators. This unique addition to the conventional robotic welding, can see the exact weld positions, giving a perfect structure to the excavators.
- 7 The state-of-the-art Duplex Boring Machine is the final process that ensures critical dimensions within 10 microns hence, improving the quality of the assembly.
- 8 FARO Dimensional Inspection is the latest technology used by JCB for quality assurance. This machine can measure the parts in few microns, ensuring best-in-class machine components.
- 9 Ultra-sonic Weld Inspection, the process used only by JCB that ensures zero defect in welding. This process checks internal weld integrity, 100% of JCB parts go through this test.
- 10 Bolstering JCB promise of zero defect machine is the pre-dispatch inspection. JCB experts carry out the PDI checks and other functional tests of each and every fabrication before assembly. Thus, making sure of zero fault forward.

NO FAULT FORWARD



JCB
8 STEP
MANUFACTURING
PROCESS



RELIABILITY AND DURABILITY

MANUFACTURED AT THE WORLD-CLASS JCB PUNE FACTORY WITH ROBUST STRUCTURES AND WELL ENGINEERED COMPONENTS, THIS EXCAVATOR IS A RELIABLE PARTNER AND GIVES POWER TO DO MORE THAN YOU EXPECT.

1 Heavy duty boom and arm made with high tensile strength steel and large sections, offer high strength to withstand high stress level in most demanding usage. These are manufactured using robotic welding techniques. The strengthened plates as well as the heavy duty wear strips at the dipper, makes the machine more durable and enables it to work in tough applications.

2 JCB380LC QM is equipped with a heavy duty rugged upper frame with reinforced side skirts. It also has thicker low stress, high strength steel plates and side section with additional reinforcement providing higher durability in tough working conditions.

3 Well proven high strength design of track links make the track chain assembly heavy duty. Extended life is granted with track shoes of high plate thickness and grouser height.

4 Get a longer life and reduced maintenance cost with a heavy duty track frame and reinforcement of idler mounting area. It ensures rigidity of track frames even in demanding applications.

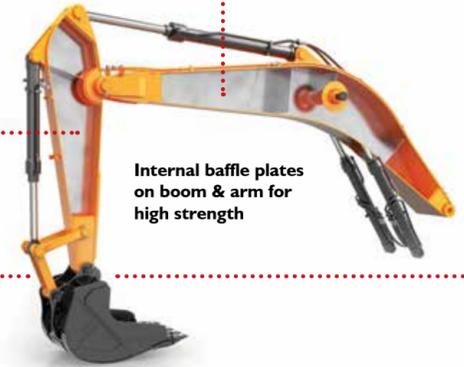
5 Equipped with 3 nos. of track guides on each side, JCB380LC QM minimises the sideways movement of the track chain to reduce damage of links and lower rollers.



Heavy duty boom & arm with reinforcements



1



Internal baffle plates on boom & arm for high strength



Heavy duty special profile bucket for handling marble & granite blocks

11



Cab Front Guard



Light Guards

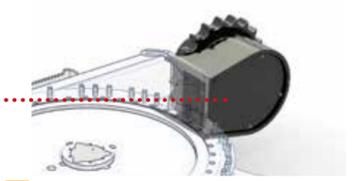


Heavy duty upper frame with reinforced side skirts

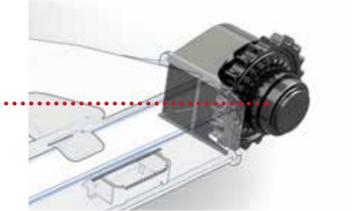


2

Heavy duty travel motor cover with bolt head protection



7



Heavy duty travel gear box casing with mounting bolts located, avoiding damage

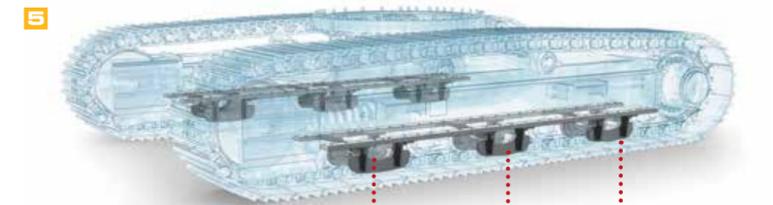
Heavy duty track frame with idler area reinforcements



Heavy duty track chain with thicker shoes, large section links & rollers

6

3 nos of track guides on each side- Retain the track in its position while working in tough underfoot conditions



5

3 Belly guard ensures protection of the rotary joints and hoses from any external damage.

7 Experience reduced repair cost and increased uptime with heavy duty track motor covers that protect the track motor from external damage. The feature of bolt head protection makes removal and fitment of the cover assembly easy.

8 The dust and water-proof IP69 connectors prevent dust and water from entering into the electrical system. This increases the life of electrical harness and provide trouble-free operation.

9 The fully welded X frame construction of the undercarriage of JCB380LC QM provides long term durability even in the most arduous situations.

10 The hydraulic components are proven to show high reliability and a long life, significantly reducing maintenance costs while increasing uptime.

11 The heavy duty granite & marble buckets are equipped with reinforcement that provides protection from external impact and wear out while handling marble and granite blocks.



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PERFORMANCE

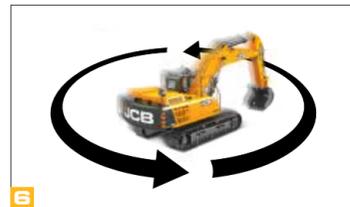
WITH 6%* MORE OUTPUT WHILE HANDLING BLOCKS, POWER BOOST FUNCTION AND 8 POWER MODES IN JCB 380LC QM YOU HAVE THE POWER TO DO MORE.

- 1 Maximum engine power of 284 hp is attained by the powerful JCB Diesel Max 7.2 Litre CRDI Engine. High peak torque of 1150Nm ensures excellent engine response for high output.
- 2 JCB380LC QM has an excellent lifting capacity owing to a combination of high hydraulic power and high operating weight. This enables the machine to easily lift heavy blocks of rocks.
- 3 A massive 245.6 kNm of bucket tearout force makes the machine very productive in all strata.
- 4 Smooth and fast simultaneous tracking and excavation operation is facilitated with an intuitive multi function operation owing to the advanced hydraulic system
- 5 Special purpose heavy duty marble and granite bucket has a profile designed to make the handling of large blocks easier, hence increasing output.
- 6 High & powerful swing torque of 129 kNm provides ease of swing even with high loads.



Powered by
JCB DIESEL MAX ENGINE
It crosses all thinking.

284 hp & 1150 Nm torque



6

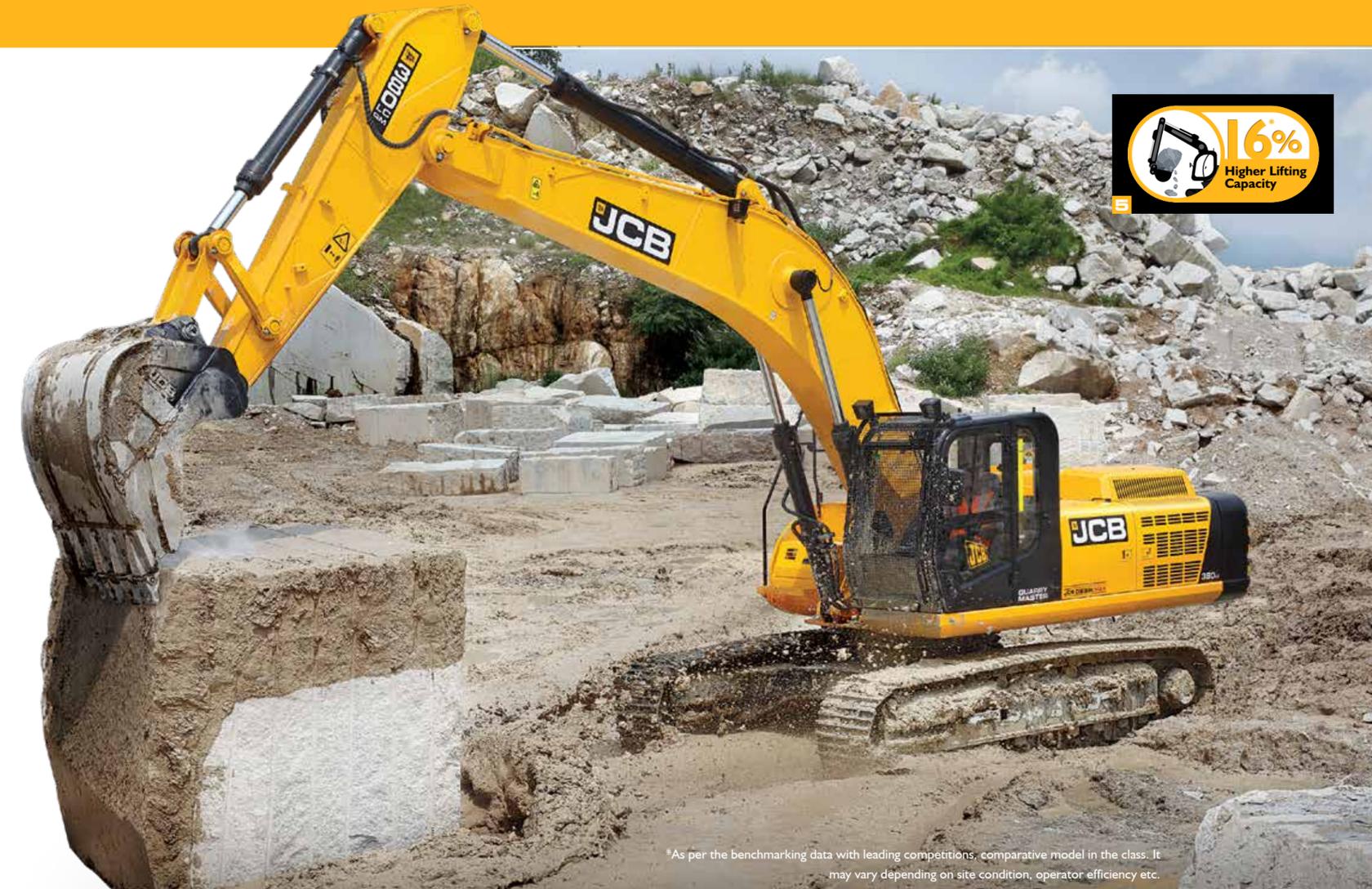


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*T&C Apply.



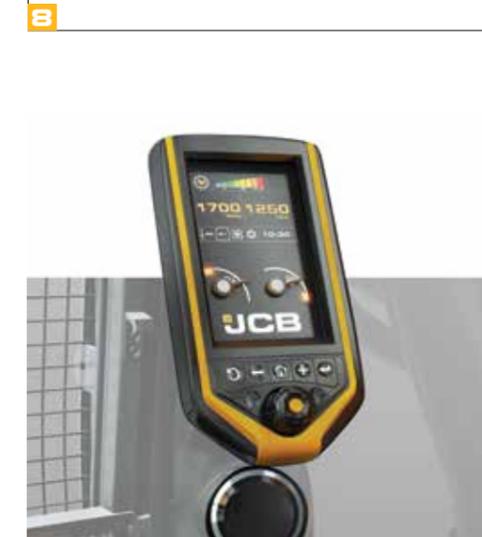
*As per the benchmarking data with leading competitors, comparative model in the class. It may vary depending on site condition, operator efficiency etc.



2 Power boost feature increases hydraulic system pressure by 99%* to provide higher digging force and lifting capacity when needed. It is always ON in lifting and H+ mode, whereas it can be activated using a power boost switch which is on the right hand side of the joystick in other modes.

3 User friendly modes including 3 lift modes and 4 digging modes are provided for adaptability of machine to suit application and job needs. These modes are selectable through engine throttle control dial switch. Moreover, the H+ mode can also be selected using an additional switch.

Power mode		Usage for
H+	High Power Plus	Provides maximum output Suitable for high output in heavy duty strata.
H	High Power	For high output requirements.
G1, G2, G3	Economy	For general duty and digging operations.
L1, L2, L3	Lifting	For heavy lifting operation.



*T&C Apply.

EFFICIENCY

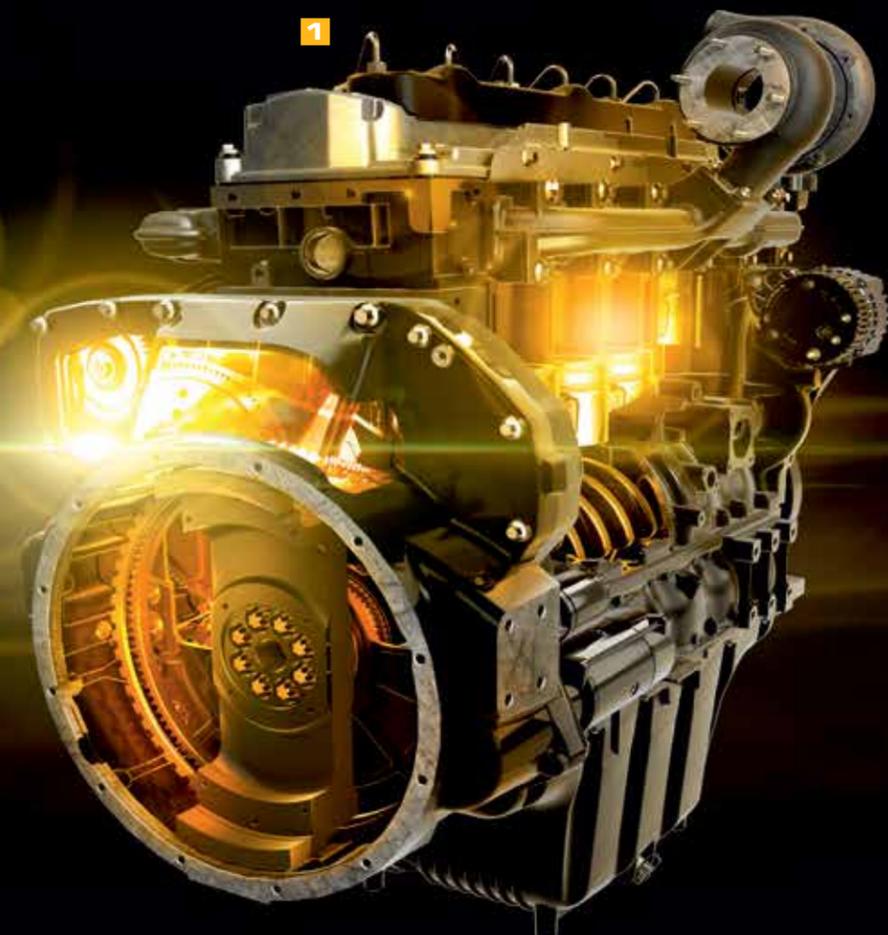
THE 3%* EXTRA FUEL EFFICIENCY AND JCB DIESELMAX ENGINE IN JCB 380LC QM GIVES YOU POWER TO DO MORE SAVINGS.

1 JCB DIESELMAX engine provides high fuel efficiency and generates high torque at low speed to suit the job needs. Common rail fuel injection system delivers high power with low fuel consumption while maximising output.

2 The advanced eco hydraulic technology ensures that the machine always starts in idle for maximum fuel efficiency contributing to fuel savings. This system has been designed to make the hydraulics more efficient by reducing losses in the system. This helps in reducing fuel consumption and thus, providing savings in fuel cost.

JCB DIESELMAX ENGINE

It crosses all thinking.

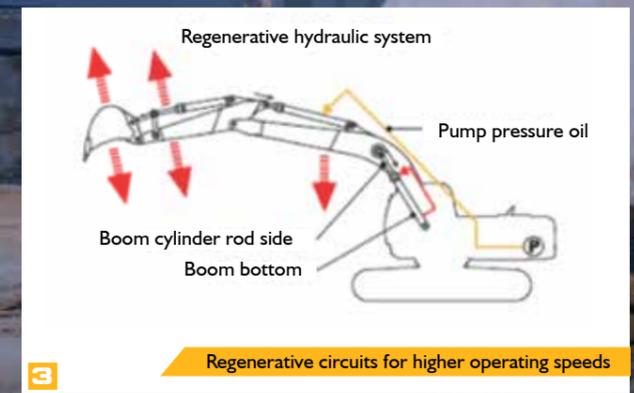


24 Valves Effort	6 Cylinder ecomax	BIG on Fuel Saving
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JCB ecoHYDRAULIC

*T&C Apply

- 3 Innovative hydraulic regeneration system recycles oil across cylinders for faster cycle time and reduced fuel consumption.
- 4 Auto idler reduces engine speed automatically when machine is not at work, thus saving fuel.



Regenerative circuits for higher operating speeds



COMFORT AND EASE OF USE

THE STATE-OF-THE-ART ERGONOMIC CAB OFFERS COMFORT TO THE OPERATOR, GIVING HIM THE POWER TO DO MORE PRODUCTIVE OPERATIONS, INCREASING PROFITS.

1 Highly customisable and user friendly 7" colour display easily monitors machine operating parameters. Engine dial control facilitates easy mode selection.

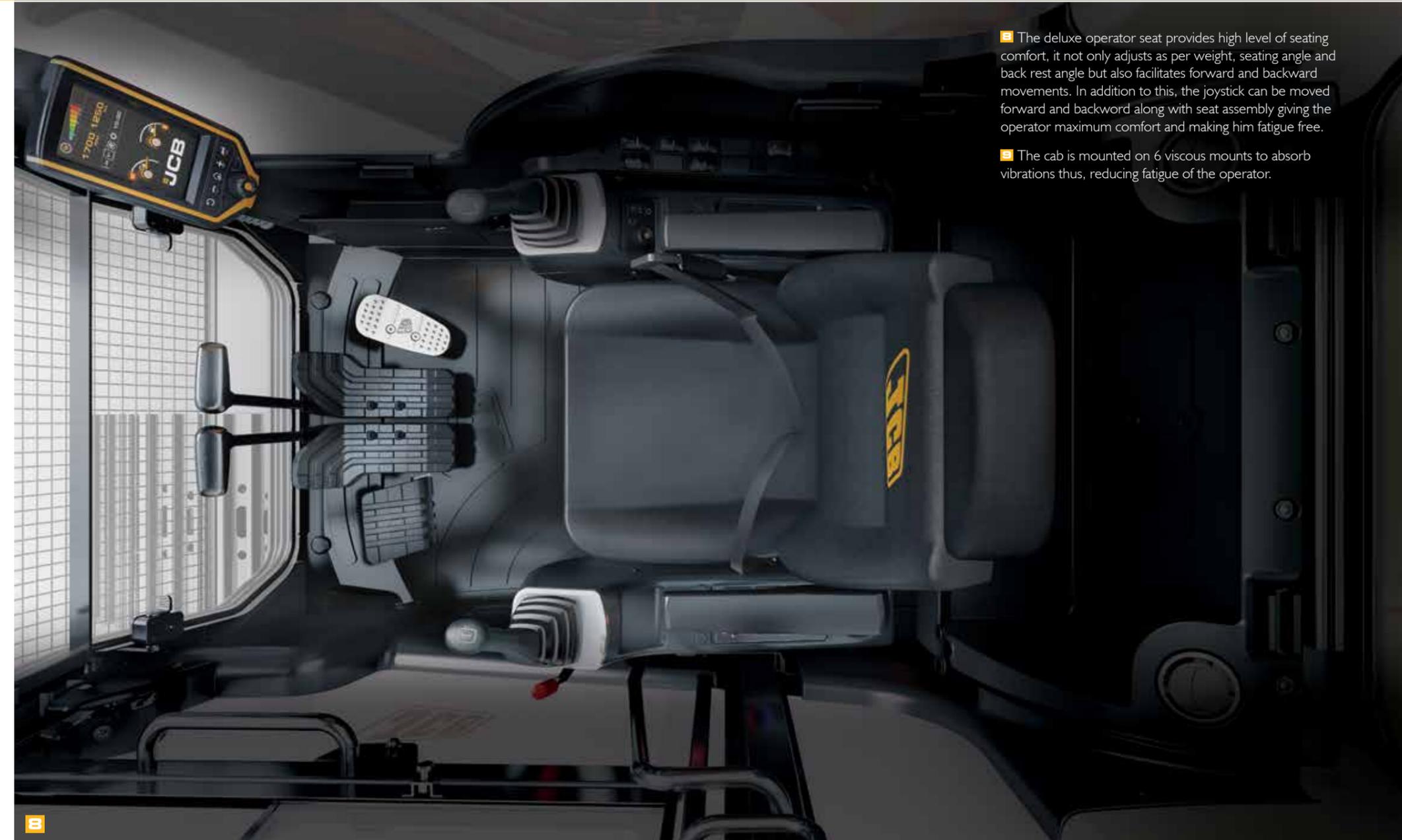
2 Low effort joystick ensures a fatigue free operator even during long working hours. It also renders precise and smooth control of the machine to carry out tough jobs.

3 The roof hatch keeps the cab well ventilated which is aided by a rear sliding window. Operator comfort is further enhanced as the front lower glass can also be removed for better ventilation.

4 JCB380LC QM is equipped with 2 lights on the boom, 2 on the cab top, 1 on the upper frame and 1 on the counterweight. They provide a well illuminated and a safer work site, ensuring 24x7 operations.

5 Single piece, large right hand glass ensures excellent visibility. High visibility for digging at height through additional glass provided in front of the cab.

6 The fully air conditioned cab is with cooling and heating function. Temperature control function is an added feature to maintain desired in-cab temperature in both, hot and cold weather conditions. Air vents are placed at convenient locations for excellent cooling.



8 The deluxe operator seat provides high level of seating comfort, it not only adjusts as per weight, seating angle and back rest angle but also facilitates forward and backward movements. In addition to this, the joystick can be moved forward and backward along with seat assembly giving the operator maximum comfort and making him fatigue free.

9 The cab is mounted on 6 viscous mounts to absorb vibrations thus, reducing fatigue of the operator.

EASE OF MAINTENANCE

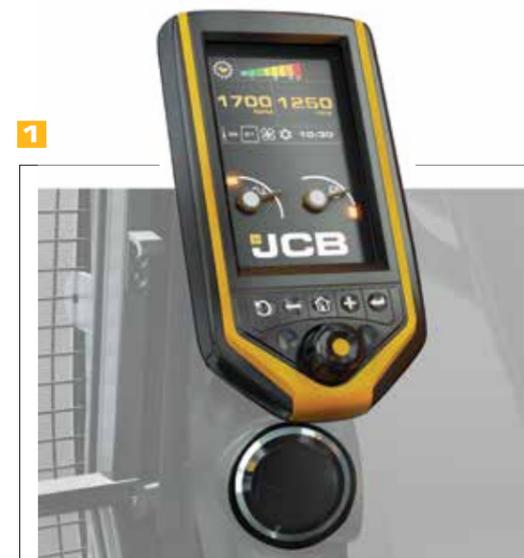
THE SMART CONTROL SYSTEM HELPS TO TAKE PREVENTIVE MEASURES THEREBY, GIVING YOU POWER TO DO MORE PLANNING AND LESS DOWNTIME.

1 Pre-start checks as well as other important parameters during machine operation are monitored through the Smart Control System. It also provides timely audio-visual alert on display as well as through LiveLink, making preventive and corrective actions quicker and easier.

2 Schedule refueling, as the display shows quantity of fuel left in the tank. Increase uptime with fuel alerts, as they work as reminders, ease the planning of site operations and help to schedule refueling. Low coolant level alerts enable the operator to proactively maintain the coolant level and prevent the chances of overheating of the engine.

3 Plan your maintenance with water in fuel alert. It indicates the presence of water in the fuel and allows the operator to drain water to protect the fuel system.

4 Alerts about high engine coolant temperature, high or low battery and low engine oil pressure, enables timely preventive and corrective actions.



Smart control system

- Next service due
- Low engine oil level
- Low coolant level
- Water in fuel
- Low fuel level
- Display fuel quantity left in tank
- High hydraulic oil temperature
- High engine coolant temperature
- Low engine oil pressure
- Air filter clog



5 Excellent serviceability with Cooling Pack Flymesh, which prevents clogging of the radiator and cooling of fins. It can be easily cleaned with a brush, maintaining the cooling efficiency of radiator and coolers. Side-by-side coolers provide excellent serviceability and ease of cleaning. In addition, a hinged condenser unit offers direct access to the coolers for better cleaning.

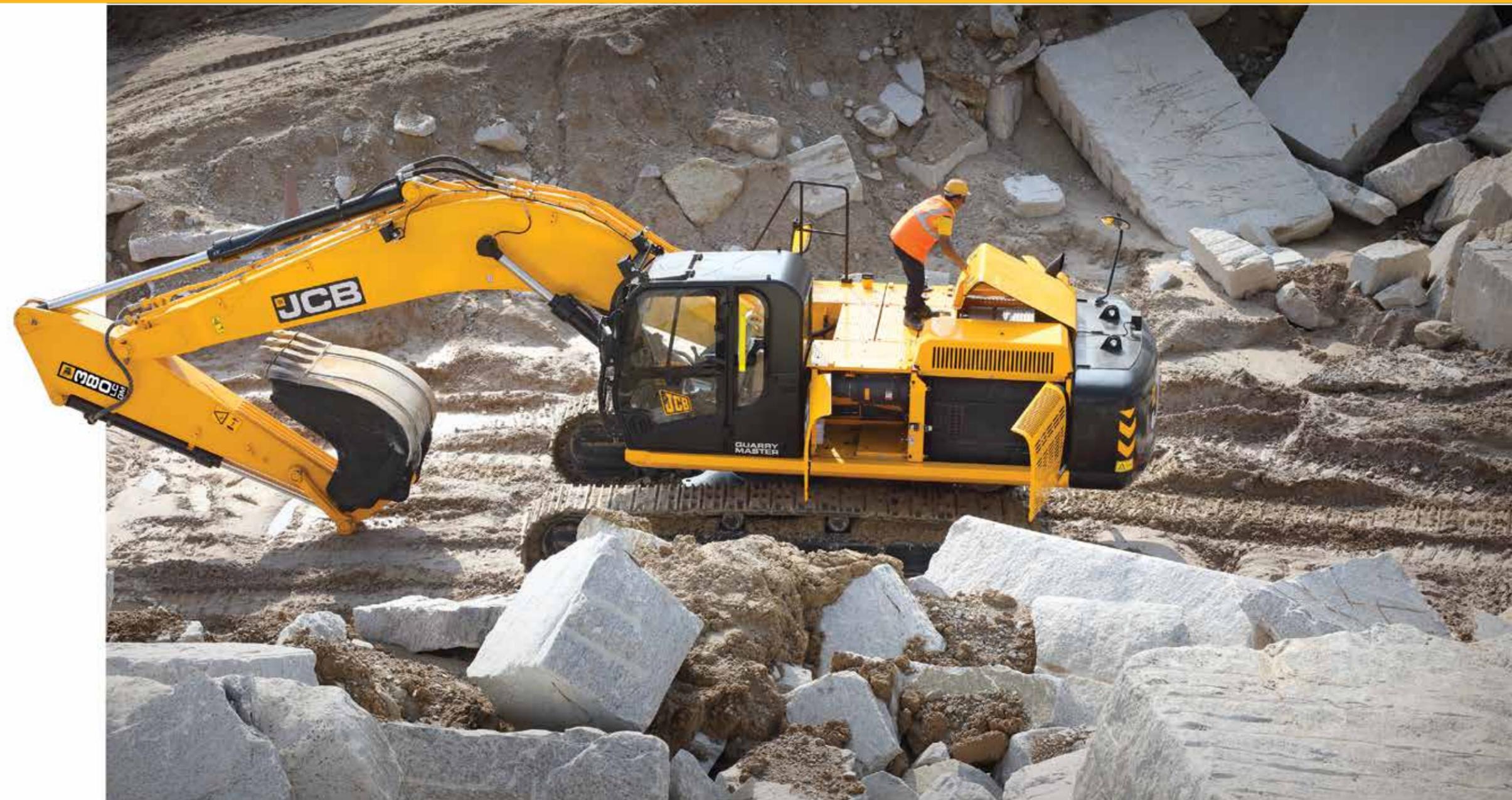
6 The engine bonnet is compact in size and opens front-to-rear, providing easy & safe engine service access. Supported by a gas strut, it minimises the effort while opening and closing the bonnet.

7 Air filter clog alert system enables to plan air filter maintenance or replacement when it is clogged. This ensures better output, up-time & a higher engine performance.

8 Save possible repair costs of hydraulics/ engine and ensure high uptime with maintenance reminders on the display. It helps you to plan maintenance as per recommended schedule.

9 Refuel pump makes fuel refilling easy, quick and hassle-free.

10 Filters are grouped together in the pump bay for fast and easy on ground service.



LOW MAINTENANCE COST

WITH LONGER SERVICE HOURS YOU ACTUALLY SAVE ON MAINTENANCE AND GET THE POWER TO DO MORE WORK IN HIGHER UPTIME.

1 JCB's special oil filter systems keep hydraulic oil clean and extend its life up to 5,000 hours. It also enhances hydraulic filter life to 1,000 hours, significantly reducing maintenance costs while enhancing machine uptime.

2 Engine maintenance intervals are extended as fuel filters, engine oil & filters require replacement only after 500 hours leading to high machine uptime and low maintenance costs.

3 Specially designed air filter elements ensure high dust holding capacity. The auto scavenging system continually removes dust particles from air filter preventing it from clogging even in high dust environment. In addition, it also increases the interval of filter maintenance/change.

4 JCB DIESELMAX Engine has an advanced multi-stage fuel filtration system including water separation at the first stage with water in fuel sensor to alert presence of water in fuel. The filtration system thus, protects the fuel system from contaminants and enhances life of the fuel system components.

5 Graphite infused bushes are used for pivot pins at both ends of boom to increase greasing interval to 1,000 hours, thus, reducing maintenance cost and enhancing machine uptime.

	SERVICE INTERVALS
Engine oil, oil filter and fuel filters	Every 500 hours
Hydraulic main filter	Every 1,000 hours
Hydraulic oil	Every 5,000 hours



By using graphite impregnated bronze bushes, JCB has increased the boom and dipper greasing intervals to 1,000 hours for normal applications.



SAFETY

WITH MANY PROTECTIVE FEATURES JCB 380LC QM ENSURES UTMOST SAFETY OF THE OPERATOR EVEN IN ARDUOUS SITUATIONS, GIVING YOU MORE PEACE OF MIND.

1 LiveLink provides easy & remote monitoring of the machine on & off-site, thus, ensuring higher output and lower maintenance costs. It helps machine owners to know service, operation & security aspects of the machine including location tracking, health alerts, fuel levels, performance report, fleet management etc.

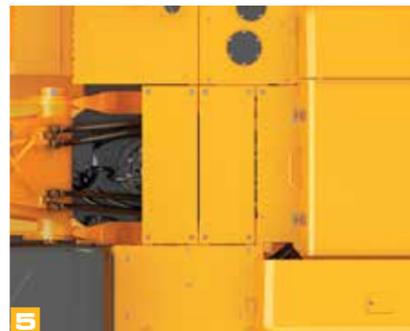
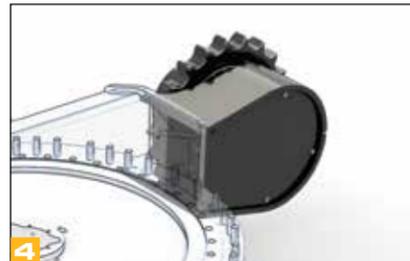
2 Cab front guard ensures machine and operator safety by protecting front wind screen glass from stones.

3 The guards on the working lights protect them from external damage thereby, reducing possible repair cost and ensuring high uptime.

4 The heavy duty plate of track motor guard protects travel motors as it can withstand the damage from rocks.

5 Anti-slip top covers ensure safety with punched steel plates that give optimum grip even in wet conditions. Bolt-on plates have recessed bolts to reduce trip hazards.

6 Anti-engine restart system saves starter from damage, preventing it from starting automatically while the engine is ON, thus, ensuring high uptime and saving possible repair costs.



3

5



Stay Connected 24x7



10



8

7 Swing lock system prevents unintended swing operation, providing greater safety.

8 Belly guards are fitted at the lower frame of the machine to protect against damage to rotary coupling and hoses.

9 Accumulator helps to bring down the boom, arm or bucket back to the ground without starting the engine as well as making parking of the front-end safer by helping to relieve hydraulic pressure.

10 Safety lever lock fully isolates hydraulic functions to avoid unintended movements. Our 2GO system means the servo isolator lock can be released only with two separate inputs.

11 Safe start of the engine is ensured with the Engine Start Safety System. It prevents sudden machine operations by isolating hydraulic system at the start of engine. To ensure safe start of the machine, the engine can be started only when the servo isolator lock is ON.

12 An emergency stop switch is provided to switch off the engine immediately, if required.

13 A full set of side & rear view mirrors are installed in the machine to provide all round visibility to the operator. This enhances operator safety & reduces chances of accident while saving possible repair costs.



11



13



CARE

JCB PREMIER LINE SOLUTIONS ARE A SET OF NEW AND INNOVATIVE SOLUTIONS DESIGNED TO GIVE MAXIMUM VALUE TO JCB'S PRIVILEGED CUSTOMERS. IT IS A COMPREHENSIVE RANGE OF CUSTOMISED SUPPORT PACKAGES, INNOVATIVELY DESIGNED TO OFFER REAL TIME AND PROACTIVE PRODUCT SUPPORT SOLUTIONS. THESE ARE EXCLUSIVE OFFERINGS AND ARE AVAILABLE TO ONLY A PRIVILEGED FEW.

At the heart of JCB Premier Line are:-

1. Uptime guarantee*
2. Express parts
3. Personalised warranty options



Uptime technology

JCB's advanced telematics solution - LiveLink and Tech Web are innovative connectivity solutions that facilitate 24x7 monitoring of machines. Through the use of big data, these help in determining field issues and trends which result in better and faster service mobility. Inputs and analysis of this data help in offering solutions for preventive maintenance, even before a machine needs attention.

Uptime app

The JCB mobile app has been updated with an Uptime+ feature that allows for an instant alert to be sent to JCB engineers, at the simple press of a button. This real time, convenient solution empowers customers to login their service requests instantly and thus, ensuring 24x7 continuity of operations for their business.

*T&C Apply.



Product support

The Premier Line solutions offer unmatched product support to the customers. It offers on-site product support through placement of site engineers to the customers who have a fleet of these machines.

Skilled service engineers

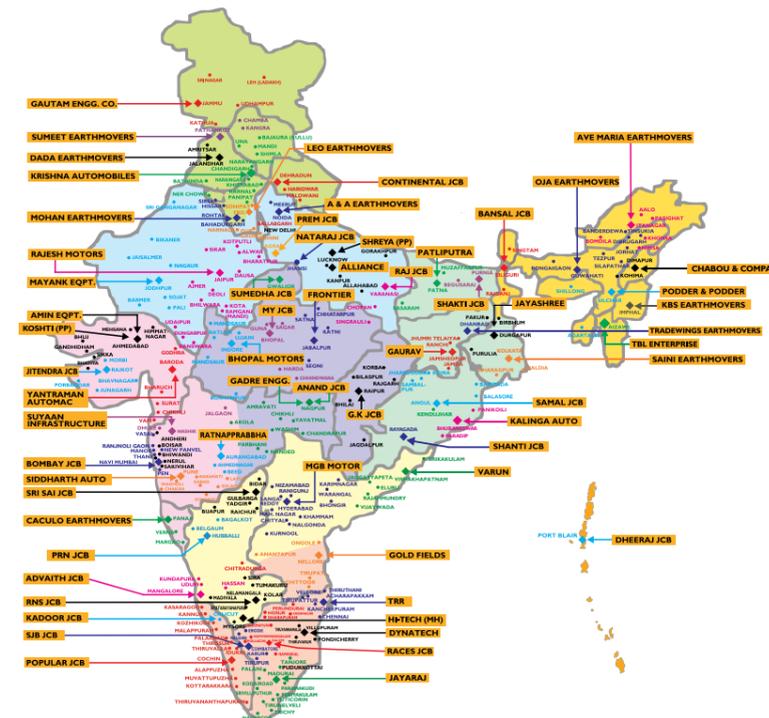
JCB India has a comprehensive and extensive training programs for engineers at its plants and facilities. These are done on a continuous basis to ensure expert support and faster resolution of issues. All engineers are mapped on a skills matrix and regular skills upgrade sessions, are undertaken.

Warranty

JCB machines are innovatively designed and built to deliver business success. JCB offers warranty packages designed specifically to suit your unique business needs.

Assured parts supply

JCB India has built a robust logistics and supply chain management system across the country that facilitates the provision of parts for all machines in the shortest time.



XTRA CONTROL

NOW BE ASSURED OF YOUR JCB EXCAVATOR'S SERVICE, OPERATION AND SECURITY WITH THE ADVANCED TELEMATICS SYSTEM CALLED LIVELINK*.



Operation & performance monitoring

- Provides information on fuel used and hours worked along with fuel consumption in litres/ hours for selected period.
- Idle time monitoring helps in analysing the extent to which engine was idle. This can be used for better site management to minimise idle hours and save fuel consumption.
- Machine usage can be monitored in details including the hours worked in power band which indicates the extent of loads on the machine.

Security

- Helps to locate your machine precisely on map to display its current location. Historic records of machine location and movements are also available.
- Secure your machine by creating a fence around the machine location on the map to get alerts on e-mail and mobile once machine moves out of the geofenced area.
- Control the duration in which the machine should be operated by creating time curfew. Sends alerts on e-mail/SMS when machine is used outside set hours.
- Alerts you in case the machine is being towed away even in engine off condition securing your investment.

Proactive maintenance & usage

- Sends maintenance reminders in advance for planning maintenance so that the machine is serviced as per required schedule.
- Alerts are provided in case any critical health parameter needs attention. Such alerts are displayed on the dashboard of the LiveLink website. These are sent by e-mail/SMS.
- Reports hammer abuse events which can be used for adopting correct method of hammer operation.
- Instantaneous fuel level can be monitored remotely. This can also be reported through customised daily reports.

Reports and Alerts

- Provides customised reports on performance, utilisation, fleet summary, landmark activity, machine hours and service status.
- Machines can be grouped together in a fleet for consolidated views and reports which make fleet management easy.
- Variety of reports can be received on periodic basis be it daily, weekly, monthly, as required.
- Get customised alerts on mobile on machine status and critical health alerts.



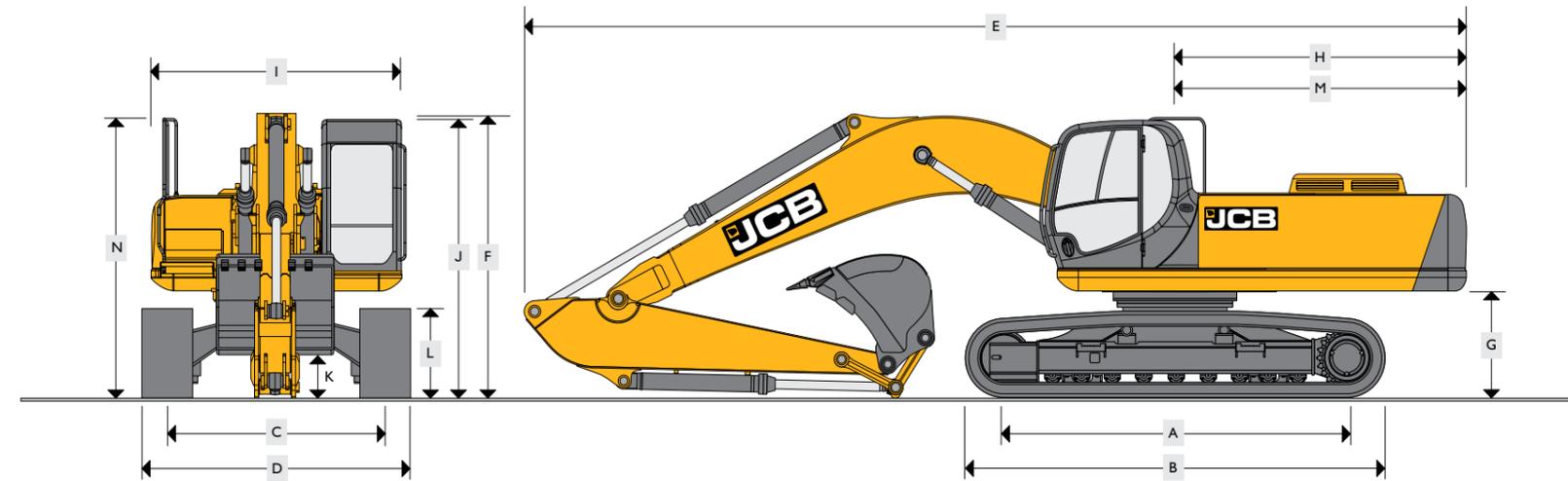
Stay connected 24x7



JCB 380LC QM

POWER TO DO MORE

STATIC DIMENSIONS



STATIC DIMENSIONS		
Model		JCB380LC QM
A	Track length on ground	mm 4022
B	Undercarriage overall length	mm 4947
C	Track gauge	mm 2600
D	Width over tracks (600mm trackshoes)	mm 3200
G	Counterweight clearance	mm 1215
H	Tail swing radius	mm 3571
I	Overall width of super structure	mm 2990
J	Height over cab	mm 3202
K	Ground clearance	mm 530
L	Track height	mm 1024
M	Tail length	mm 3563
N	Height over grab rail	mm 3359
Boom option		Standard Monoboomb 6.45 m
Dipper lengths		2.63m
E	Transport length	mm 11353
F	Transport height	mm 3510

ENGINE	
Model	JCB DIESELMAX 672 TCAE Electronic Engine.
Type	4-stroke, 6-Cylinder, High pressure common rail, ECU, turbocharged, intercooled.
Rated power	212 kW (284 HP) at 2000 rpm.
Engine peak torque	1150 Nm at 1400 rpm
Piston displacement	7.2 litres
Air filtration	Dry element with secondary safety element and in-cab warning indicator.
Starting system	24 volt.
Batteries	2 x 12 volt.
Alternator	24 volt, 55 Amp.

SWING SYSTEM	
Swing motor	Axial piston type.
Swing brake	Hydraulic braking plus automatic spring applied disc type parking brake.
Swing torque	129 kNm
Swing speed	8.9 rpm
Swing gear	Large diameter, internally toothed fully sealed grease bath lubricated.

UNDERCARRIAGE	
Carriage options	LC - Long Carriage.
Construction	Fully welded 'X' frame type with central belly guarding and sloping side members with dirt relief holes under top rollers, strengthening ribs at idler area.
Recovery point	Front and rear.
Track shoe option	600 mm
Upper and lower rollers	Heat treated, sealed and lubricated.
Track adjustment	Grease cylinder type.
Track idler	Sealed and lubricated, with spring cushioned recoil.
Track type	Sealed and lubricated.
Rollers & shoes (each side)	JCB380LC QM
No. of track guides	3 per side
No. of lower rollers	9 per side
No. of upper rollers	2 per side
No. of track shoes	48 per side

TRACK DRIVE	
Type	Fully hydrostatic, three speed with autoshift.
Travel motors	Variable axial piston type, fully guarded within undercarriage frame.
Final drive	Planetary reduction, bolt on sprockets.
Service brake	Hydraulic counter balance valve to prevent overspeeding on declines.
Park brake	Disc type, spring applied, automatic hydraulic release.
Gradeability	70% (35 deg) continuous.
Travel speed	High - 5.3 km/h Mid - 3.1 km/h Low - 2.2 km/h
Tractive effort	287 kN

EXCAVATOR END - MONOBOOM	
Monoboomb available along with a choice of dipper lengths to suit the requirements of reach, dig-depth, loadover height and tearouts. Reserve strength is built into the fully welded structures for hydraulic hammer and other arduous operations. Fabricated bucket tipping links are provided with a choice of lift points.	

SERVICE CAPACITIES		
Fuel tank	Litres	590
Engine coolant	Litres	45
Engine oil	Litres	25
Swing reduction gear	Litres	16
Track reduction gear (each side)	Litres	5
Hydraulic system	Litres	430
Hydraulic tank	Litres	239

HYDRAULIC SYSTEM	
Open centered, negative control hydraulic system with twin variable flow piston pumps providing flow on demand.	
Pumps	
Main pumps	2 variable displacement axial piston type.
Maximum flow	2 x 304 l/min
Servo pump	Gear type.
Maximum flow	28.5 l/min.
Control valve	
A combined four and five spool control valve with auxiliary service spool as standard.	
Relief valve settings	
Boom/Arm/Bucket	319 bar
With power boost	348 bar
Swing circuit	284 bar
Travel circuit	343 bar
Pilot control	45 bar
Filtration	
In tank	150 micron, suction strainer.
Main return line	10 micron, glass fibre element.
Pilot line	10 micron, paper element.
Hydraulic hammer return	10 micron, reinforced microform element.

BUCKET AND ARM COMBINATION					
Bucket capacity	m ³	1.44 marble & granite Bucket	1.4 Rock Bucket	1.61 HD*	1.8 HD*
Bucket weight	kg	1879	1692	1518	1605
Toe plate or trench width	mm	1255	1410	1660	1825
JCB380LC QM					
2.63 m Arm	m	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(Without quickhitch)

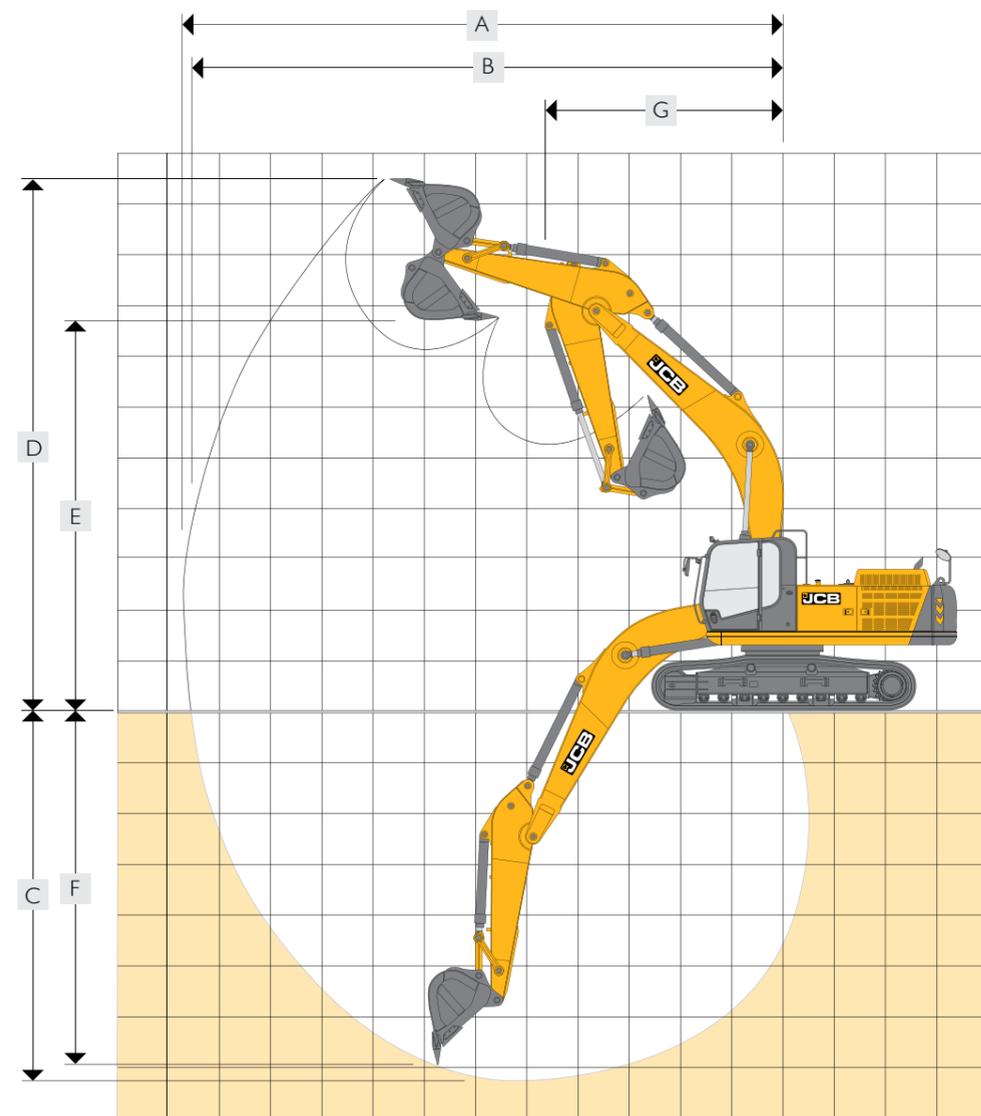
* Suitable for excavation & loading

= Suitable for general excavating (materials up to 2000kg/Cu.m)

WEIGHTS AND GROUND BEARING PRESSURES - JCB380LC QM	
Description of whats included in measurement - 2.63 m Arm, 1.44 cum Granite & Marble bucket, full fuel tank, operator weight 80kg	
	600mm
JCB380LC QM	
Machine weight	kg 36770
Ground bearing pressure	kg/cm ² 0.78

WORKING RANGE - MONOBOOM 6.45M, 1.4 CUM ROCK BUCKET

		JCB380LC QM	
Dipper length:		2.63m	
A	Maximum digging reach	mm	11072
B	Maximum digging reach (on ground)	mm	10866
C	Maximum digging depth	mm	6726
D	Maximum digging height	mm	10007
E	Maximum dumping height	mm	6898
F	Maximum vertical wall cut depth	mm	6202
G	Minimum swing radius	mm	5151
	Bucket rotation	degrees	175
	Dipper tearout with boost	kNm	201.3
	Bucket tearout with boost	kNm	245.6



LIFT CAPACITIES – Dipper length: 2.63m, Boom: 6.45m, Tracks: 600mm triple grouser, without bucket. JCB380LC QM

Load Point	Reach from Swing Centre								Capacity at Max Reach		Reach
	3m		4.5m		6m		7.5m		kg	kg	
Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
7.5m									9170*	8180	7006
6m					9810*	9810*	9000*	7240	8910*	6520	7965
4.5m			14080*	14080*	10960*	9880	9420*	7030	8630	5680	8555
3m					12300*	9290	10050*	6750	8040	5250	8852
1.5m					13340*	8820	10100	6490	7860	5100	8884
0m			18460*	12890	13710*	8550	9900	6310	8080	5210	8657
- 1.5m			17380*	12910	13300*	8470	9850	6270	8790	5640	8146
- 3m	19260*	19260*	15330*	13100	11900*	8580			9200*	6640	7292
- 4.5m			11640*	11640*					8530*	8530*	5945

Lift capacity front and rear. **Notes:** 1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
 Lift capacity full circle. 2. Lift capacities assume that the machine is on firm, level ground.
 3. Lift capacities may be limited by local regulations. Please refer to your dealer.

STANDARD EQUIPMENT

- Belly guard & under covers
- Track motor guard with bolt head protection
- 3 sets of track guides on each side
- Reinforced idler area
- Boom- Heavy duty (6.45 m)
- Arm- 2.63m
- Track shoe width - 600mm
- Power Core air filtration with scavenging
- Engine fan guard
- Refueling pump
- HVAC
- Air conditioned cab
- Cab front guard
- Wiper
- Sun screen on front glass
- 2 nos of 24V auxiliary power point on the machine
- Mirrors-CAB LH, RH hand rail & counterweight
- LiveLink
- 2 lights on boom, 1 no. on c/wt, 1 no. on tool box, 2 nos. on cab
- Light guards
- HSP pressure test points
- Mobile phone holder and power socket for mobile charger
- Coat hook
- Radio (FM) with media player (USB drive based) with speakers
- Health & Safety: Swing lock, pilot lock switch, accumulator, operator seat belt, , anti-slip panels on walking area

OPTIONAL EQUIPMENT

- Full track guide
- Buckets : 1.8 cum, 1.6cum, 1.4cum Rock, 1.44Granite & Marble
- Rear view camera (standalone type)
- RBC / Hammer circuit
- Travel Alarm
- White Noise Alarm
- Quick Hitch
- Selector grab
- Multiprocessor
- Lifting hook on tipping link
- Auxiliary flow (Full & low flow)
- Fire extinguisher



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