

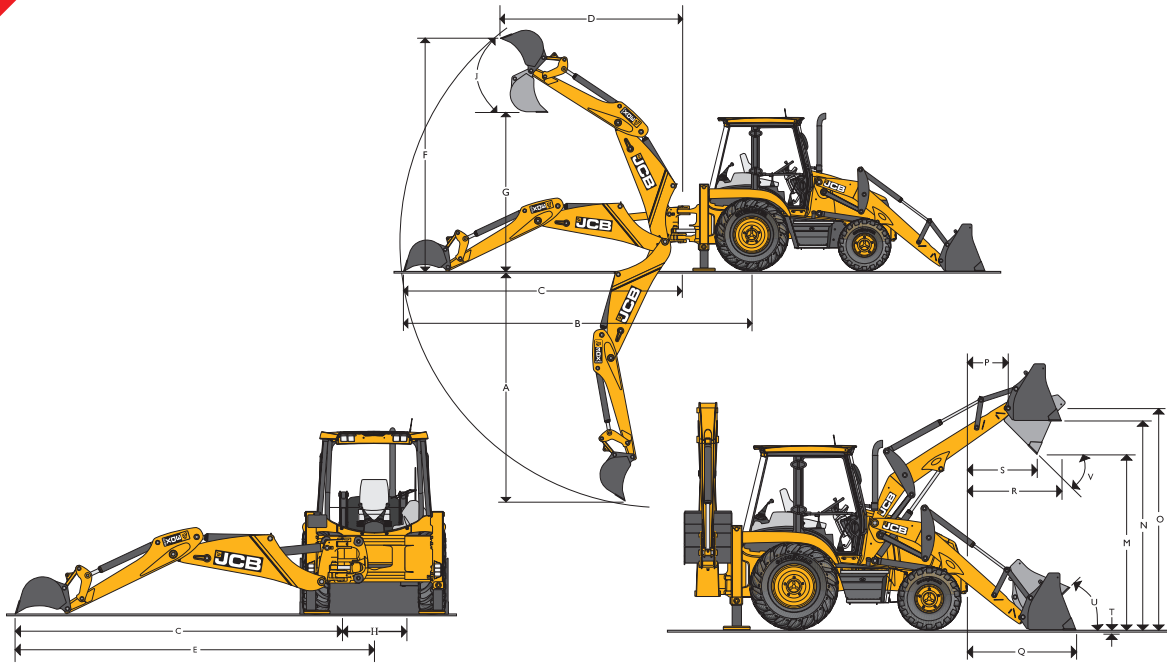
NEW



3DX SUPER | SPECIFICATION

Super Power. Super Utility. Super Value.

PERFORMANCE DIMENSIONS



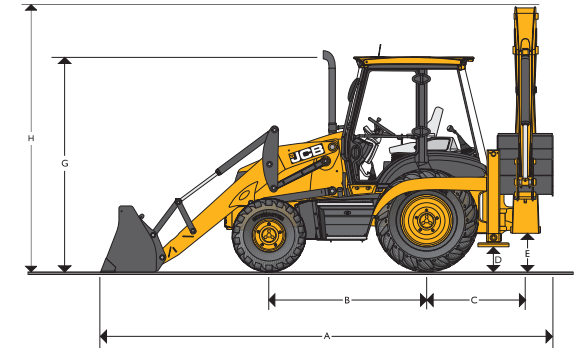
EXCAVATOR PERFORMANCE

A Max. dig depth	5.05 m
B Reach-ground level to rear wheel centre	6.93 m
C Reach-ground level to slew centre	5.61 m
D Reach at full height to slew centre	2.65 m
E Side reach to centre line of machine	6.14 m
F Max. working height	6.01 m
G Max. load over height	4.35 m
H King post travel	1.06 m
J Bucket rotation - power	185°
Bucket tear out force	5700 kgf
Dipper tear out force	3010 kgf
Lift capacity to bucket pivot at full reach (no bucket fitted) (SAE J31) (Data with standard dipper)	1490 kgs
Standard bucket capacity	0.30 cu.m

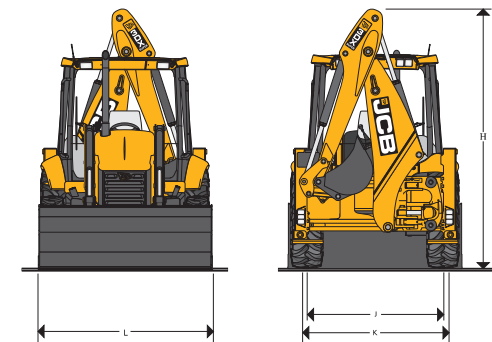
LOADER PERFORMANCE

M Dump height	2.91 m
N Load over height	3.37 m
O Pin height	3.64 m
P Pin forward reach	0.41 m
Q Reach at ground	1.58 m
R Max. reach at full height	1.22 m
S Reach at full height - Bucket dumped	0.90 m
T Below ground level dig depth	0.15 m
U Rollback at ground	43°
V Dump angle	max 43°
Shovel break-out force	6600 kgf
Loader arm break-out force	4550 kgf
Pay Load	1650 kgs
Lift capacity at full height	3050 kgs
Standard shovel	6-in-1 Shovel (1.0 cu.m)

STATIC DIMENSIONS



A Overall length	6.10 m
B Wheelbase	2.24 m
C Slew center to rear axle center	1.32 m
D Minimum ground clearance	0.36 m
E Slew ground clearance	0.53 m
G Height to top of cab	2.87 m
H Overall height	3.90 m
J Track width - Rear	1.73 m
K Track width - Front	1.91 m
L Width over bucket	2.23 m



ENGINE

JCB 444, Turbo Charged, 4 cylinder, Water Cooled, Diesel Engine

Displacement : 4.4 litres

Gross Power : 68.6 KW (92 HP) @ 2200 RPM

Max Torque : 408 nm (41.6 kgm) @ 1200 RPM

TRANSMISSION

The JCB synchroshuttle transmission provides superb drive power in all conditions. It consists of a 4-speed, fully synchromesh, smooth shift gearbox with integral torque converter and electrically operated reversing shuttle.

- Easy-to-use, column mounted electric reversing shuttle switch can change machine direction while allowing operator to keep hands on the steering wheel leading to fast cycle times.
- The pedals layout and conventional 4-pattern gear lever with transmission disconnect switch adds to the overall ease of operation. On-the-move gear changes are possible.
- Torque converter stall ratio is 2.52 : 1.
- Electrical selection of 4WD allows on-the-move changes.

AXLES

- **Rear** : Drive axle rigidly mounted, incorporates JCB Max-Trac torque proportioning differential, driven by short propshaft from gear box.
- **Front** : 4WD steer axle, centrally pivoted, with oscillation angle of 16°.

BRAKES

- **Service** : JCB 'Q' brakes, hydraulically actuated, dual line, self adjusting (compensated), oil immersed, multi-disc type on the rear axle, well protected from dirt, water etc. requiring no maintenance. Operated through independent pedals linked together for normal use.
- Two independently operatable foot pedals enable machine to maneuver in tight spaces.
- Option exists on the machine to automatically switch from 2WD to 4WD for effective transmission braking.
- **Parking** : Hand operated, disc brakes on rear axle input disc.

STEERING

Power track steering rod system provides equal turn steering & quick response with less operating force. Manual capability in the event of engine or hydraulic power failure.

Hydraulic supply from independent steering pump. Working pressure 1750 p.s.i. (121 bar).

ELECTRICALS

130 Ampere-hour 12 volts battery system with alternator and full road lighting.

TYRES

Front : 12.5 x 18 - 12 PR

Rear : 16.9 x 28 - 12 PR (Industrial)

TURNING CIRCLE

Inner wheels braked

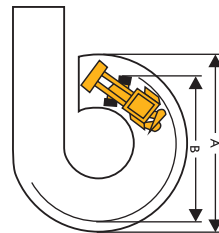
A Outside loader bucket 10.4 m

B Outside Wheels 7.21 m

Inner wheels not braked

A Outside loader bucket 11.5 m

B Outside Wheels 8.32 m



* Standard bucket in travel position

SPEED

Gear	Forward Km/hr	Reverse Km/hr
1st	7.26	7.26
2nd	11.72	11.72
3rd	22.01	Not Recommended
4th	40.36	Not Recommended

(Standard tyres, with zero torque converter slip @ 2200 rpm)

HYDRAULICS

3300 p.s.i. (228 Bar) system ; Pump flow : 118 lpm at 2200 rpm.

Filtration through suction strainer and return line 'JCB Filtromatic Filter'.

* All dimensions, weights and timings are variable within 1.5% JCB reserves the right to change specifications without prior notice.

SHIPPING WEIGHT

8010 kgs

SERVICE CAPACITIES

Hydraulic System : 130 Lt.

Fuel Tank : 128 Lt.

Engine Coolant : 16.5 Lt.

Engine Oil : 15 Lt.

Transmission : 17.5 Lt.

Rear Axle : 21 Lt.

Front Axle : 11 Lt.

CABIN

- Tinted cab glasses provide excellent all-round visibility & sun protection.
- **Option** of servo operated Excavator controls for hassle free operations.
- **Option** of air conditioning in cabin for rested operator in extreme weather conditions.
- Auto shut off for fuel saving.
- Floor mats and plenty of legroom minimises fatigue.
- A fully adjustable seat combined with ergonomically positioned controls and soft touch steering wheel.
- Cab provides easy 'walk through' two door access. Other features include seat belt, large convex rear view mirror, interior light, front screen wiper, front and rear horn, hazard warning system, tool box and helper seats.
- Instrumentation panel is positioned on the right hand side and includes engine speed, engine hours, fuel level, water temperature and mobile charger. Easily visible while both end operation.
- Audible and visual fault warning system for alternator charge, coolant temperature, engine oil pressure, blocked air filter, transmission oil pressure and temperature and hand-brake on.

OPTIONS

- 2WD
- General Purpose Shovel (1.1 cu.m)
- Excavator Buckets
Capacities - 0.06 cu.m., 0.09 cu.m., 0.12 cu.m., 0.18 cu.m., 0.26 cu.m.
- Ditch Cleaning Bucket
- Taper Ditching Bucket
- Square Hole Bucket
- Rock Breaker
- Ripper Tooth
- JCB Telescopic Dipper

Provides up to 1m of extra reach when compared with the standard dipper. Maximum dig depth, extended 5.77 m. Reach at ground from slew centre, extended 6.53 m. Maximum loadover height, extended 5.05m. Lift capacity at bucket pivot at maximum extended reach, no bucket fitted 825 kg. Auxiliary valve block enable fitment of JCB Telescopic Dipper.

- Smooth Ride System (SRS)
- Heavy duty Rear Tyres 14x25-20 PR
- Tipping Lever - Speed : 201° Bucket Rotation
- Tipping Lever Hook
- **Hydraulic Tool Circuit (HTC)**
Provision to hydraulically operate hand held tools viz. Road Breaker, Disc Cutter and Submersible Pump.

Dealer's Stamp: