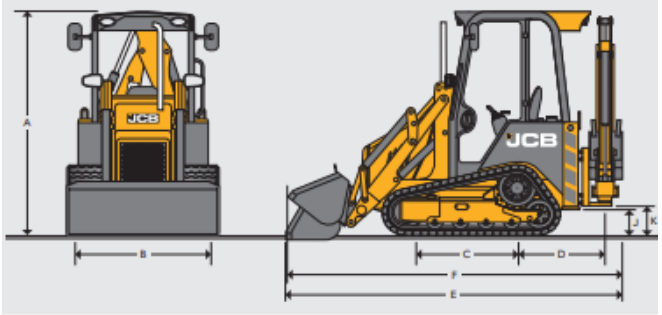
1CXT
QUICK REFERENCE GUIDE

This Quick Reference Guide DOES NOT replace the Operators Manual. You MUST read ALL the disclaimers and safety and other instructions in the Operators Manual before initially operating this product. Accordingly, no legal claims can be entertained based on the data, illustrations or descriptions in this Quick Reference Guide.

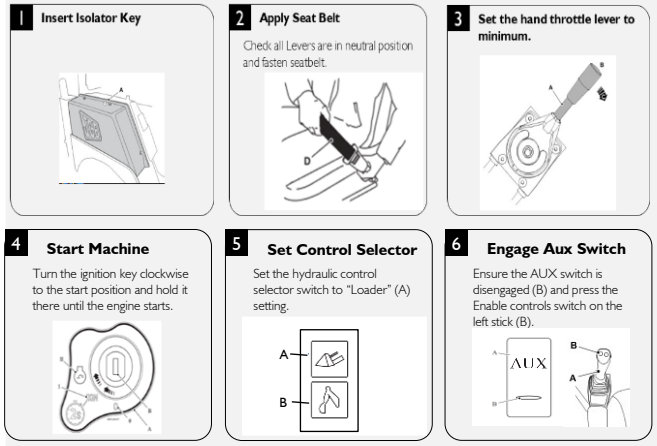
Static Dimensions

Item	Description		1CXT
A	Cab roof height	ft-in (m)	7-10 (2.38)
B	Overall width	ft-in (m)	5-11 (1.8)
E	Total travel length	ft-in (m)	11-9 (3.57)
H	Total travel clearance	ft-in (m)	7-5 (2.27)
J	Ground Clearance	ft-in (m)	0-10 (0.26)

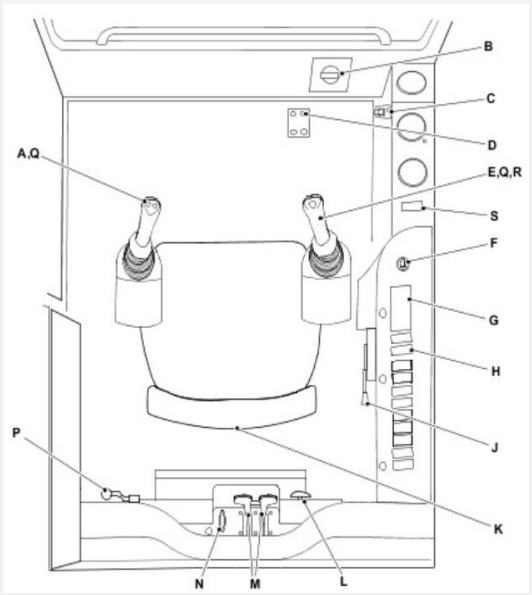


Description		1CXT
Operating weight	lb (kg)	9,572 (4,342)

Start Up Sequence

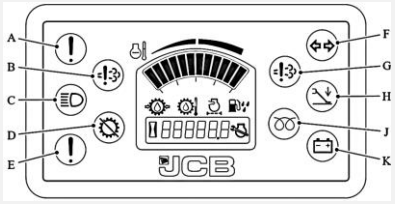


Operator Environment

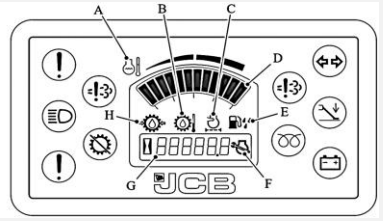


A. Transmission drive lever
B. Anti-stall control switch
C. HVAC control
D. Foot throttle controls
E. Loader controls
F. Ignition switch
G. Instrument Panel
H. Console switches
J. Hand throttle lever
K. Operator seat
L. ISO/SAE change over switch
M. Stabilizer controls
N. Side shift carriage clamp
P. Breaker bypass service
Q. Excavator end controls
R. Auxiliary controls
S. Loader Hi-flow auxiliary switch
T. Loader Float Switch

Instrument Panel



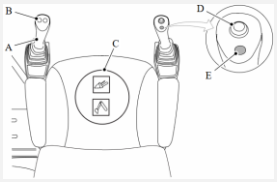
A. Amber warning Lamp
B. After treatment warning
C. Lighting switch
D. PMS error warning light
E. Red critical stop lamp
F. Direction indicator/ Hazard warning
G. After treatment warning
H. Stabilizer down warning
J. Wait to start
K. Battery charging condition



A. Engine coolant temperature
B. Transmission oil temperature
C. Air filter
D. Temperature gauge
E. Water in fuel
F. Service due indicator
G. Hr meter & message display
H. Transmission oil pressure

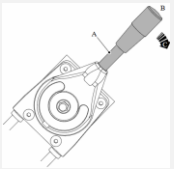
Drive Controls

Servo Control Lever - Activation



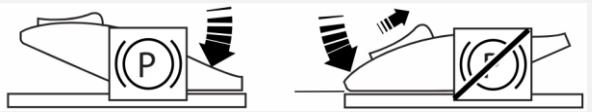
A. Left hand control lever
B. Enable controls switch
C. Console excavator/loader switch
D. Right hand control lever

Hand Throttle



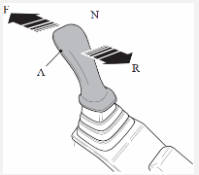
A. Hand throttle control lever
B. Lever – idle position
C. Lever – maximum position

Parking Break



Press down to apply the brakes, slide lock then press up to release the brakes

Transmission Drive Lever



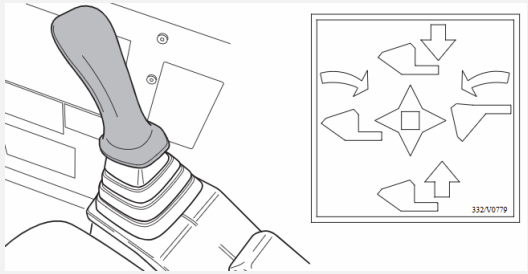
A. Left hand control lever
N. Neutral position
F. Forward lever
R. Reverse lever

Access additional information
www.servicepro.jcb.com

Loader/Excavator End Controls

Operating the Loader End:

1. Lock the operator's seat in the forward position.
2. Set the 'Excavator/Loader Rocker Switch' to the Loader position.
3. Press and hold the 'Enable Controls Switch' located on the left-hand lever, ensuring that the LED on the right-hand joystick is illuminated to activate loader controls.



Operating Excavator End:

1. Lock the operator's seat in the rear facing or the 135-degree position
2. Set the 'Excavator/Loader Rocker Switch' to the Excavator position.
3. Press and hold the 'Enable Controls Switch' located on the left-hand lever, ensuring that the LED on the right-hand joystick is illuminated to activate loader controls.

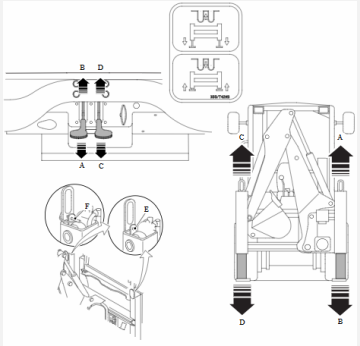
ISO/SAE Changeover Valve

1. See Item L in 'Operator Environment" for location.
2. Rotate switch to select preferred control pattern

(Control pattern diagrams posted inside machine)



Stabilizer Legs

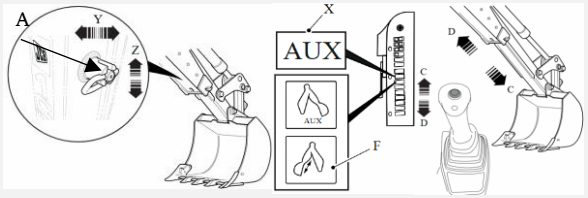


A. Raise stabilizers (Right)
B. Lower stabilizers (Right)
C. Raise stabilizers (Left)
D. Lower Stabilizers (Left)
E. Flag
F. Locking Pin

Additional Excavator End Controls

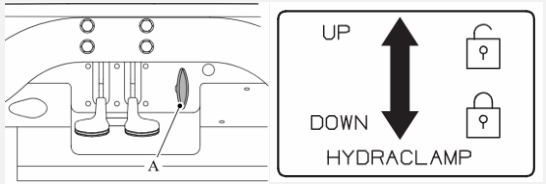
Operating Extending Dipper

1. Rest the bucket on the ground and unlock the dipper locking pin (**A**)
2. Press the switch to activate auxiliary circuit (**X**)
3. Press the switch to extending dipper mode (**F**)
4. Raise the bucket off the ground
5. Push the right-hand thumb switch right to extend the dipper, and left to retract it (**C/D**)



Operating Manual Side Shift

1. Stabilize and level the machine with the Stabilizer Legs
2. Set bucket on the ground straight behind the machine
3. Fully lift knob (**A**) to release the hydraclamps
4. Loosen the kingpost on its rails by operating the boom up and down a few times
5. Raise and slew the excavator directly to one side of the machine, slew left to sideshift right, slew right to sideshift left
6. Set the bucket on the ground with the dipper at a 90-degree angle to the boom
7. Open the bucket, pushing the kingpost across its rails
8. Once the kingpost is positioned, tighten hydraclamps by lowering know fully and operating boom for 2-3s



Breaker Bypass Service

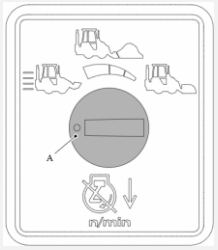
- Hammer Mode: Used for attachments where feed flow is only required in one direction (Ex. Patch Planer)
- Bi-directional Mode: Used for attachments where feed flow is required in both directions (Ex. Augers)



A. Bi-Directional
B. Single acting

(See Item P in 'Operator Environment' for location)

Anti Stall Control Switch



- **Turn counter-clockwise** for higher speed and quicker response, but with **less stall protection**.
- **Turn clockwise** for slower speed and smoother response, with **increased stall protection**.

A - Anti Stall Control Switch

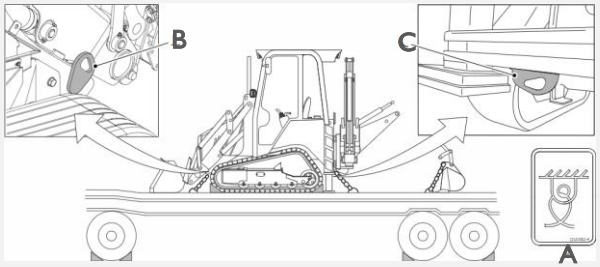
(See Item B in 'Operator Environment' for location)

Service & Maintenance

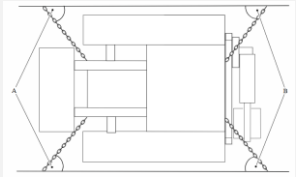
Daily Checks (10 hr)	Action
General	Visual Check
Attachments	Visual/Operate
Seat Belt Operation/Condition	Visual/Operate
Windsheild Washer Level	Visual Check
Quickhitch Locking Peg Option	Visual Check
Park Break Operation	Operate
Oil Level	Physical/Visual
Track Condition	Visual Check
Sprocket nuts Torque	Physical Check
Hoses & Pipework - damage or leaks	Visual Check
Coolant level	Visual Check
Fire Extinguisher	Visual Check

Transport

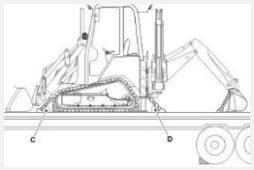
Tie Down Points



A. Tie-down decal
B. Front tie-down points (both sides)
C. Rear tie-down points (both sides)



A. 83 degrees
B. 57 degrees



C. 27 degrees
D. 18 degrees