



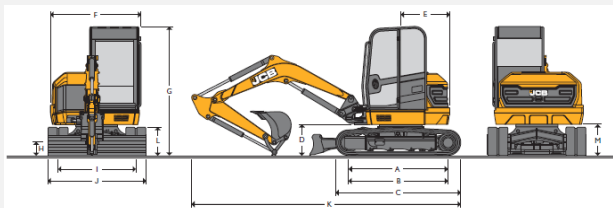
# 48Z, 55Z

## QUICK REFERENCE GUIDE

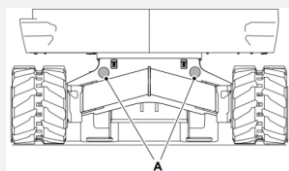
This Quick Reference Guide DOES NOT replace the Operators Manual. You MUST read ALL the disclaimers and safety and other instructions in the Operators Manual before initially operating this product. Accordingly, no legal claims can be entertained based on the data, illustrations or descriptions in this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

### Static Dimensions

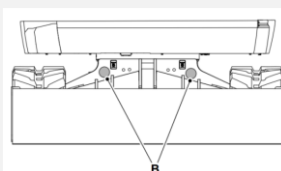
Machine model		45z	55z
A	Sprocket idler centers	ft-in	6-6 6-6
B	Track length on ground	ft-in	6-6 6-6
C	Undercarriage overall length – rubber	ft-in	8-2 8-2
	Undercarriage overall length – steel	ft-in	8-2 8-2
D	Kingpost clearance	ft-in	2-1 2-1
E	Tailswing radius	ft-in	3-2 3-3
F	Overall width of superstructure	ft-in	6 6-1
G	Height over cab	ft-in	8-4 8-4
H	Ground Clearance	ft-in	1 1
J	Track gauge	ft-in	5-1 5-1
I	Width over tracks	ft-in	6-5 6-5
K	Transport length with standard dipper	ft-in	17 17-4
L	Track height	ft-in	1-10 1-10
M	Counterweight clearance	ft-in	2 2



### Tie Down Points

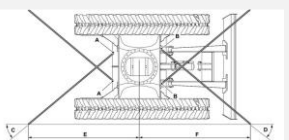


Rear Track Tie-Down Points



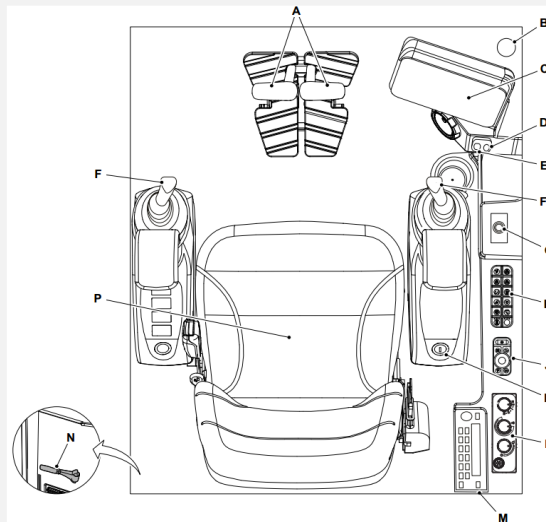
Front Track Tie-Down Points

- A. Rear Track Tie-Down Points
- B. Front Track Tie-Down Points
- C. Angle =  $44.7 \pm 5^\circ$
- D. Angle =  $43 \pm 1.5^\circ$
- E. Length =  $6\text{ft}-11\text{in} \pm 1\text{ft}-4\text{in}$
- F. Length =  $7\text{ft}-3\text{in} \pm 1\text{ft}-4\text{in}$



### Cab and Switch Panel

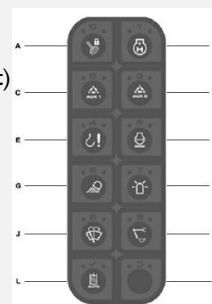
#### Cab



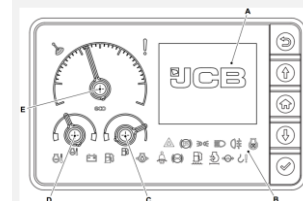
- A. Track controls
- B. Fire extinguisher
- C. Instrument panel
- D. Auxiliary power socket
- E. USB port
- F. Excavator controls
- G. Dozer blade control
- H. Switch panel
- I. Rotary switch
- J. Ignition key switch
- K. HVAC controls
- L. Radio
- M. Glazing breaker
- N. Operator seat

#### Switch Panel

- A. 2 Go
  - B. Heavy + mode
  - C. Aux 1 (high flow) selection switch
  - D. Aux 2 (low flow) selection switch (opt)
  - E. Lift overload on/off switch (opt)
  - F. Auto idle on/off switch (opt)
  - G. Worklights on/off switch
  - H. Beacon on/off switch (opt)
  - J. Wiper & washer on/off switch (opt)
  - K. Q-hitch sequence switch (opt)
  - L. Auto-hydraulic warming switch
  - M. Blank
- Key (opt) – Option



### Instrument Panel



- A. LCD screen
- B. Warning and indicator lamps
- C. Fuel level gauge
- D. Coolant temperature gauge
- E. Engine speed
- F. Back button
- G. Up button
- H. Home button
- J. Down button
- K. Select button

- A. Travel speed status
- B. Power band status
- C. Auto idle status
- D. Dozer float status
- E. Low flow aux status
- F. High flow aux mode
- G. High flow aux status
- H. ISO/SAE status
- J. Swing / aux status
- K. Engine hours status
- L. Trip hours status



Green – Active / selected  
Orange – Status  
Grey – Inactive

### Start Up Sequence

**1 Insert Isolator Key**  
Insert isolator key (A) and turn in a clockwise direction.

**2 Raise LH Arm Rest**  
Ensure the hydraulic isolation lever (left hand arm rest) is in the raised position.

**3 Engage Seat Belt**  
Engage seat belt (A) into latch (B) before starting machine.

**4 Engine Pre Heat**  
Turn ignition to position 1 (A) to pre-heat engine before start. Wait until pre-heat symbol (B) on instrument panel goes off.

**5 Disarm Immobilizer**  
If fitted disarm by entering PIN code using one of the below methods.

**6 Start Machine**  
From ignition position 1 turn ignition to position 3 (A) to start the machine.

**7 Lower LH Arm Rest**  
Lower the LH arm rest to activate the hydraulics. Note: If 2 GO enabled go to step 8. If not go to step 9.

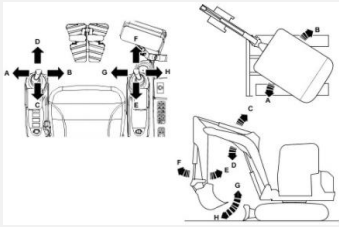
**8 Press 2 GO Button**  
If enabled press 2 GO button (A) to activate hydraulics. Instrument panel will illuminate (B) when active.

**9 Operate Machine**  
All controls are now active and the machine is now ready to use.



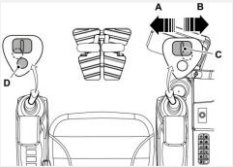
## Joystick & Dozer Lever

### Excavator Levers (SAE)



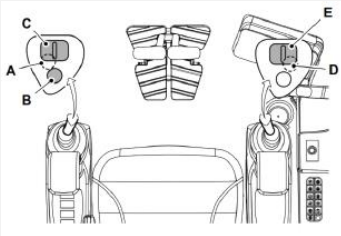
- A. Slew cab left
- B. Slew cab right
- C. Raise boom
- D. Lower boom
- E. Dipper in
- F. Dipper out
- G. Crowd bucket
- H. Dump bucket

### Swing Controls



- A. Swing Left
- B. Swing Right
- C. Swing Thumb Wheel Control
- D. Swing/Aux Change over button

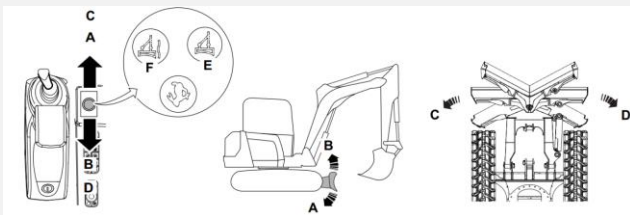
### Auxiliary Controls



- A. Tilt/grab changeover for tilt-rotator
- B. Swing/Aux change over button
- C. Thumb-wheel control – Aux 2 (Low flow)
- D. Continuous flow button – Hammer circuit
- E. Thumb and wheel control – Aux 1 (High flow)

Note: A & D located underside of the joystick

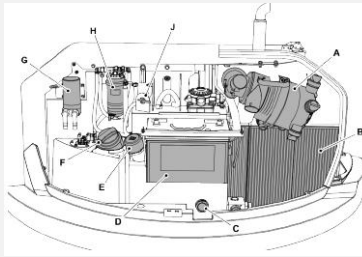
### Dozer Lever



- A. Lower the dozer
- B. Raise the dozer
- C. Angle the dozer (left side in)
- D. Angle the dozer (right side in)
- E. Dozer lift/angle changeover
- F. Dozer float mode on/off
- G. Travel speed selector

## Service Points

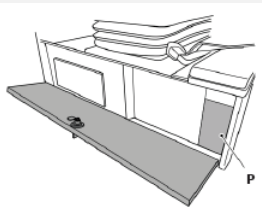
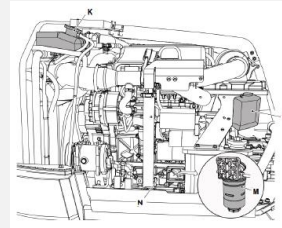
### Hydraulic Compartment



- A. Air Filter
- B. Radiator
- C. Hydraulic Oil Level Indicator
- D. Battery
- E. Hydraulic Oil Filler Cap
- F. Fuel Filler Cap
- G. Refueling Pump (Option)
- H. Fuel Filter
- J. Battery Isolator

### Hydraulic Compartment

- K. Coolant Expansion Bottle
- L. Washer Bottle
- M. Engine Fuel Filter
- N. Engine Oil Dipstick



- P. Relays/ Fuses

## Setting Auxiliary Flows

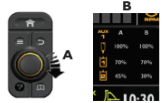
### 1 Enter Menu Mode

Press Menu mode button (A) on rotary dial to access menus, icons will illuminate when active.



### 2 Navigate Menus

Scroll through menus using the rotary dial (A) until on the aux setting menu (B).



### 3 Enter Aux Menu

To enter aux setting menu press rotary dial (A). Orange box will appear when menu active (B).



### 4 Select Aux Mode

Scroll through aux mode settings using the rotary dial (A) until on the Aux value you want to set (B).



### 5 Set Aux Flow

Press rotary dial (A) to select the required aux setting then rotate the dial to adjust setting (B).

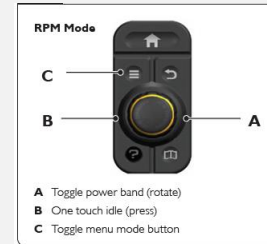


### 6 Operate Machine

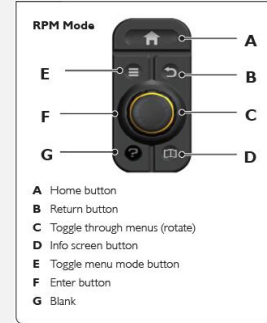
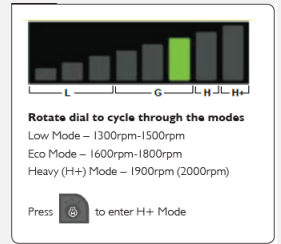
Auxiliary flows are now set to the desired settings and are now ready to be used.



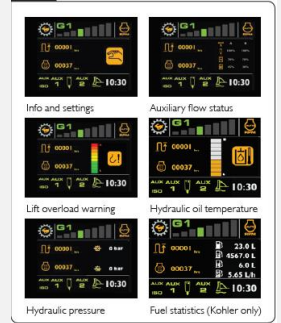
## Rotary Controller & Work Modes



- A Toggle power band (rotate)
- B One touch idle (press)
- C Toggle menu mode button



- A Home button
- B Return button
- C Toggle through menus (rotate)
- D Info screen button
- E Toggle menu mode button
- F Enter button
- G Blank



## Hydraulic Hitch Unlock Sequence

### 1 Start Unlock Process

To start quick hitch unlock process ensure hydraulics are live then press quick hitch sequence button (A).



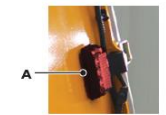
### 2 Confirm Process

Instrument panel will indicate need to confirm process (A). To confirm process press 2 GO button (B).



### 3 Boom LED Indicator

When the sequence is confirmed the LED on the boom will flash red (A).



### 4 Remove Attachment

To disengage the pivot pin, crowd attachment for 3 seconds then remove attachment.



### 5 Change Attachment

Operate the machine to engage the jaw (A) with the attachment (B) and then full crowd the attachment to align latch.



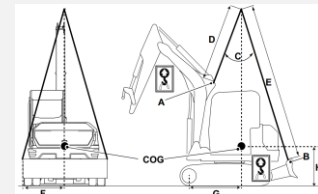
### 6 Lock Quick Hitch

To engage the lock on the quick hitch press one of the following two buttons and visually check hitch is locked.



## Lifting Points

- A. Boom Lift Point
- B. Dozer Lift Point
- C. 35°
- D. 7' 10"
- E. 15' 9"
- F. 3' 3"
- G. 2' 6"
- H. 3' 1"



\*COG = Center of Gravity