



QUICK REFERENCE GUIDE

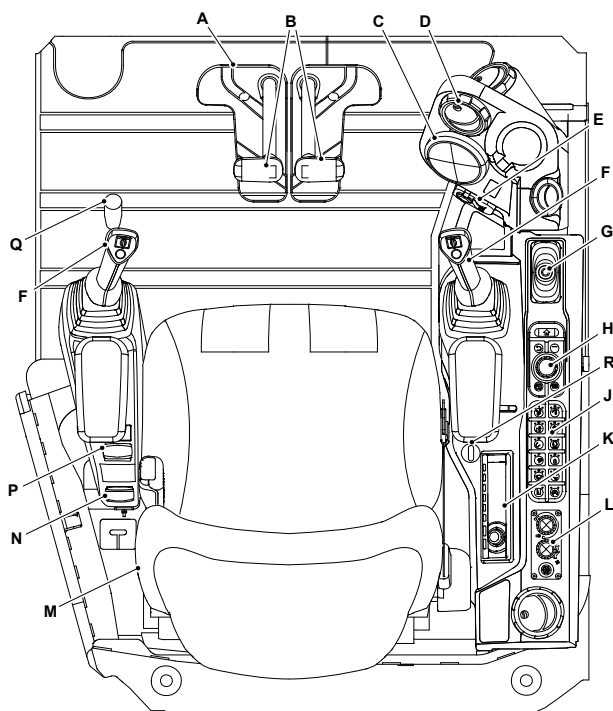
25Z-1, 26C-1

EN - 9828/GBE00 - ISSUE 1 - 01/2024

The information shown in this Quick Reference Guide is taken from the Operator's Manual (9841/8200).

This Quick Reference Guide DOES NOT replace the Operator's Manual. You MUST read ALL the disclaimers and safety and other instructions in the Operator's 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.

Component Locations



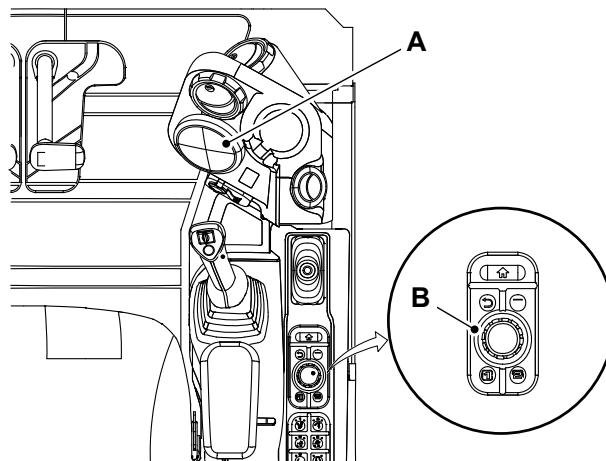
- | | |
|---|---|
| A Track controls (foot operation) | B Track controls (hand operation) |
| C Instrument panel | D HVAC ducts |
| E Auxiliary power socket and multimedia interface | F Excavator controls |
| G Dozer blade control lever | H Rotary controller |
| J Console switches | K Entertainment system |
| L HVAC (Heating Ventilation Air Conditioning) controls | M Operator seat |
| N Reverse horn on/off | P ISO (International Organization for Standardization)/SAE (Society of |

Automotive Engineers) control pattern switch
R Ignition switch

Q Hydraulic controls isolation lever

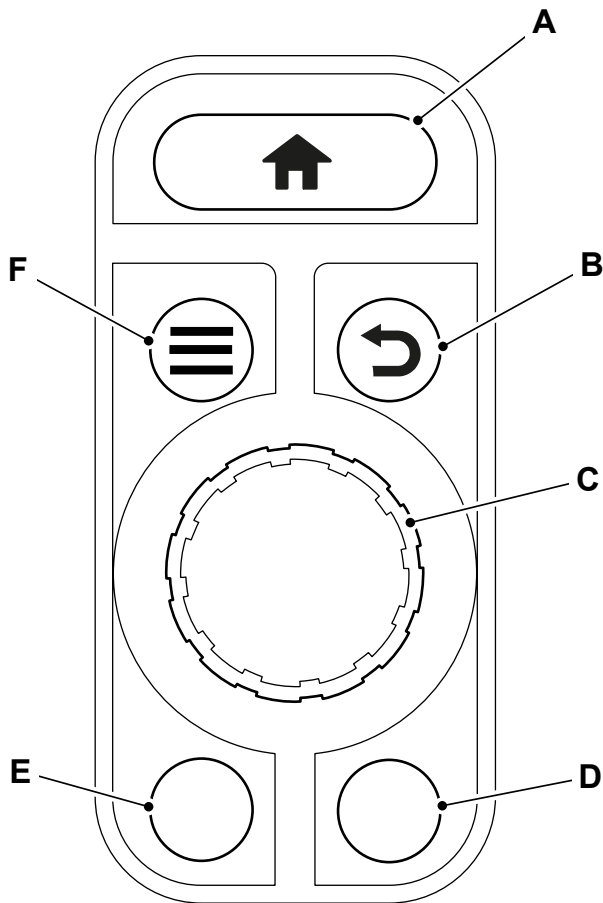
Instrument Panel

The display panel and the rotary controller provide an interface with the machine electronic system. Use the rotary controller to navigate the screens in the display panel.



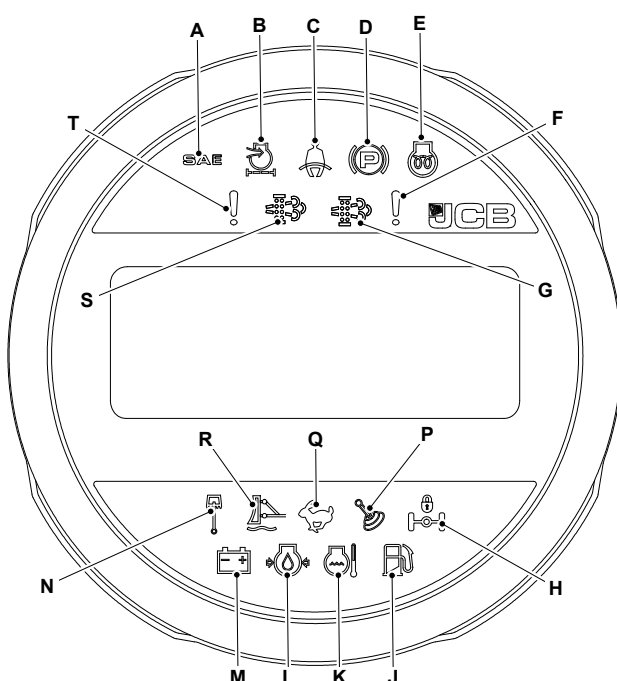
- A** Display panel
B Rotary controller

Rotary Controller



- A** Home
- B** Back/return
- C** Rotary dial
- D** Not used
- E** Not used
- F** Menu

Display Lamps

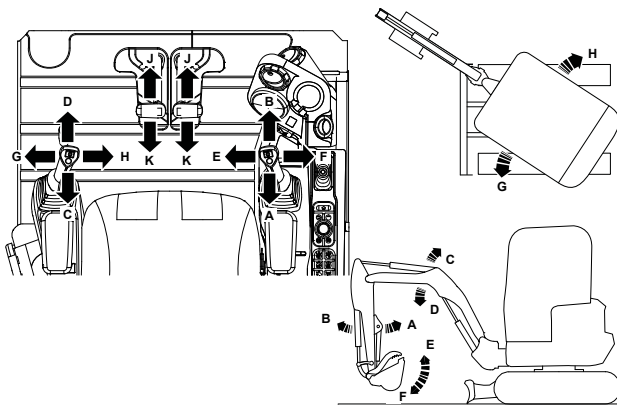


A	SAE active	Illuminates green when SAE control pattern is active.
B	Air filter (blocked) indicator	Illuminates amber when the air filter is blocked.
C	Seat belt	Illuminates red if the seat belt is not fastened or the operator is not sitting on the seat.
D	Not used	-
E	Engine pre-heat	Illuminates amber when engine pre-heater is on.
F	Red master warning	Audible/Visual. Illuminates red. Stop the machine immediately and contact your JCB dealer.
G	Not used	-
H	Not used	-
J	Fuel indicator	Illuminates red when the fuel level is low.
K	Coolant temperature	Illuminates red when the coolant temperature is too high.
L	Engine oil pressure	Illuminates red when the engine oil pressure is too low. Illuminates when the ignition switch is set to position I before starting the engine and should be extinguished when the engine starts. If the lamp remains on stop the engine immediately and contact your JCB dealer.
M	Battery charging condition	Audible/Visual. Illuminates red if the battery is not charging while the engine is running. If the battery is charging, the lamp and buzzer should go off a few seconds after the engine is started.
N	Swing active	Illuminates green when the swing function is active. When the lamp is not illuminated, auxiliary is active.
P	Hydraulic active	Illuminates green when hydraulic services are active.
Q	High travel speed	Illuminates green when high speed travel speed it selected.
R	Dozer blade float	Illuminates green when dozer float is active.
S	Not used	-
T	Amber warning	Audible/Visual. Correct the fault before continuing.

Basic Controls

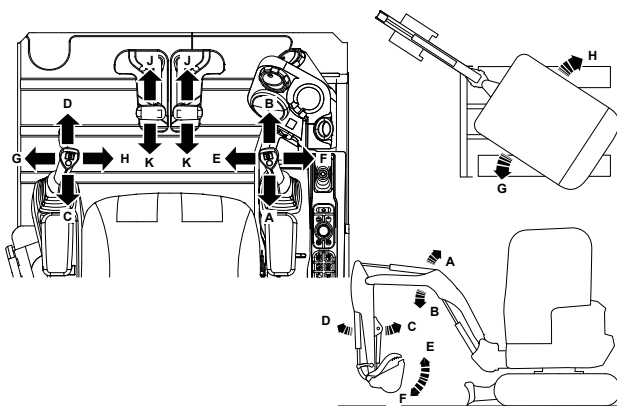
Excavator Controls

Excavator Levers (SAE Control Pattern)



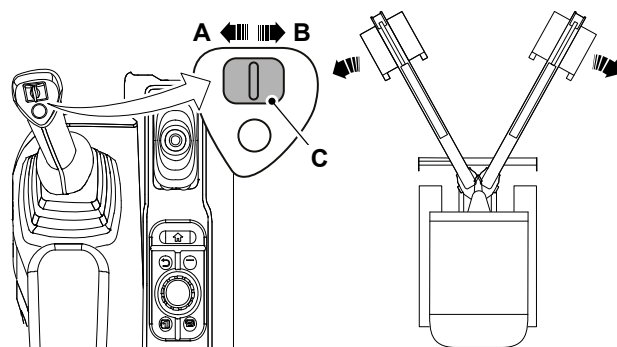
- A Dipper in
- C Raise boom
- E Crowd bucket (to gather a load)
- G Slew cab left
- J Track forward
- B Dipper out
- D Lower boom
- F Dump bucket (to dump a load)
- H Slew cab right
- K Track backward

Excavator Levers (ISO Control Pattern)



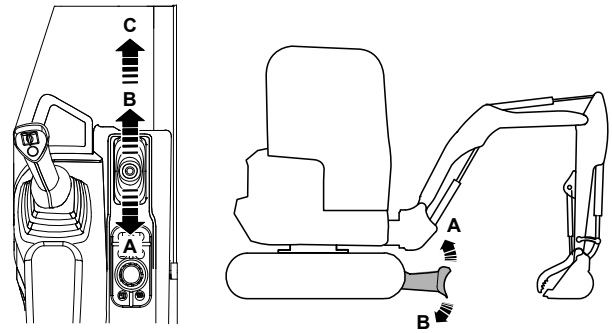
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- C Dipper in
- E Crowd bucket (to gather a load)
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- H Slew cab right
- K Track backward

Swing Control Switch

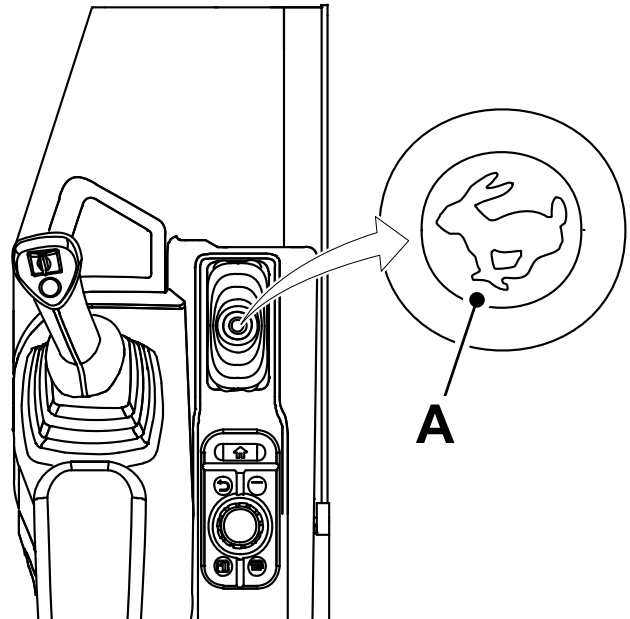


- A Swing left
- B Swing right
- C Swing control switch

Dozer Blade Controls

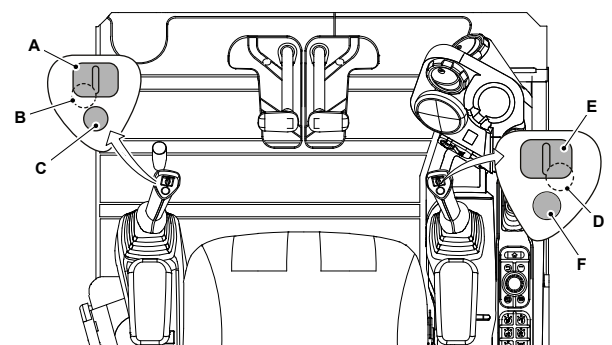


- A Raise the dozer
- C Dozer float
- B Lower the dozer



- A Travel speed selector button

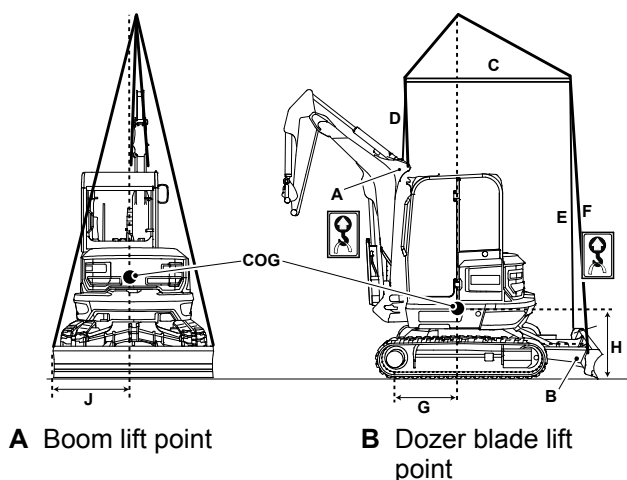
Auxiliary Circuit Controls



- A Left electro-proportional switch for aux 2 (low flow)
- C Boom swing / AUX changeover
- B Left finger button - Tilt/grab changeover for tilt-rotator
- D Right finger button - High Flow Aux maximum preset flow button (momentary/latching)

- depending on settings in menu)
- E** Right electro-proportional switch for aux 1 (high flow)
- F** Machine horn

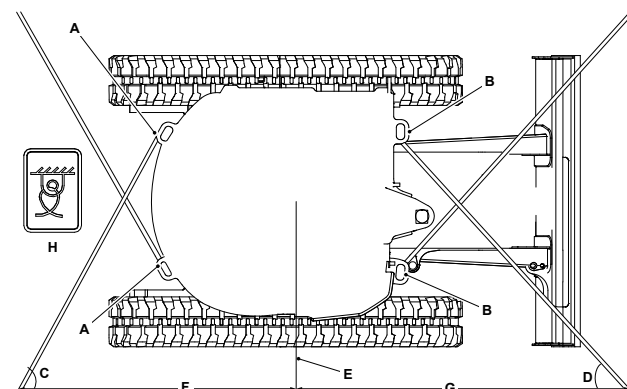
Lifting Points



Item	CTS	ZTS
C	1,710mm	1,520mm
D	665mm	945mm
E	2,465mm	2,465mm
F	2,545mm	2,545mm
G (centre of gravity)	812mm	767mm
H (centre of gravity)	935mm	816mm
J (centre of gravity)	821mm	817.5mm

Tie Down Points

Tie Down Points



- A** Front slew spine tie-down points
- B** Rear slew spine tie-down points
- C** Angle = 45°
- D** Angle = 45°
- E** Slew ring centre line
- F** Length = 2,500mm to 1,500mm
- G** Length = 2,850mm to 2,050mm
- H** Tie down decal
- Lashing capacity = 41,000N
- Minimum Lashing Breaking Force = 65,000N

Operator Maintenance Tasks

Pre-start Cold Checks, Service Points and Fluid Levels

Component	Task	10h	50h	250h
Bodywork and Operator Station				
General Machine Walk-around	Check	○	○	○
Slew ring remote greasing - bearing	Lubricate		○	○
HVAC heater filter	Clean			○
Electrics				
Window washer fluid level	Check	○	○	○
Engine, Fuel and Cooling System				
Oil level	Check	○	○	○
Fuel level ⁽¹⁾	Check	○	○	○
Fuel filter/Water separator	Drain	○	○	○
Coolant level ⁽¹⁾	Check	○	○	○
Cooling pack	Check/clean			○
Hydraulics				
Oil level	Check	○	○	○
Undercarriage/Track				
Track tension	Check			○

(1) If a health check system is present on the machine, a prompt will appear on the display at the point the maintenance interval is required.

Functional Tests and Final Inspection

Component	Task	10	50
Engine			
Exhaust Smoke (excessive)	Check	○	○
Fuel System - Leaks and Contamination	Check	○	○
Fuel System			
Fuel System	Check (leaks)		○
Hydraulics			
Operation All Services - Excavator, Dozer etc.	Check (operation)	○	○
Hoses and Pipework- Damage/Leaks ⁽³⁾	Check (operation)		○
Electrics			
All Electrical Equipment Operation (e.g. warning lights, beacon, alarms, horns, wipers etc.)	Check (operation)	○	○
Hourmeter	Check (operation)	○	○

Component	Task	10	50
Undercarriage			
Track and running gear	Check (operation)	○	○

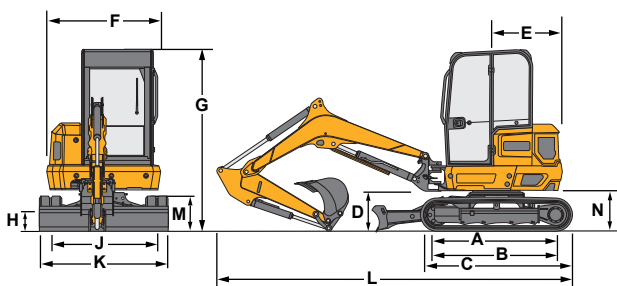
(3) Check the emergency boom lowering operation using accumulator stored pressure. Do not use engine power.

Fuses and Relays

There are fuses and relays behind a panel under the seat.

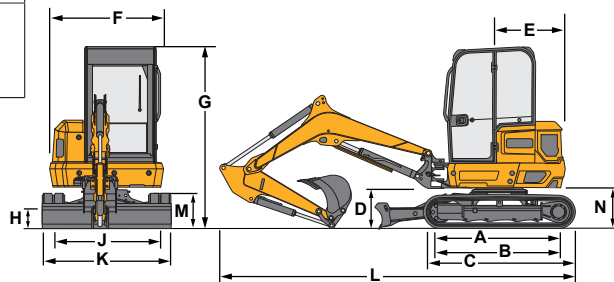
Dimensions

(For: 25Z-1 [STV JCB])



Machine Dimensions

Item	Description	Dimension
A	Sprocket idler centres	1,562mm
B	Track length on ground - Rubber	1,562mm
C	Undercarriage overall length	1,988mm
D	Kingpost clearance	510mm
E	Tailswing radius - (Standard CW	775mm
	Tailswing radius - HD CW	880mm
F	Overall width of superstructure	1,445mm
G	Height over cab	2,478mm
	Height over Canopy	2,474mm
H	Ground clearance	264mm
J	Track gauge	1,250mm
K	Width over tracks - 250 mm tracks	1,500mm
	Width over tracks - 300 mm tracks	1,550mm
L	Transport length	4,200
M	Track height - Rubber	450mm
N	Counterweight clearance	525mm



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A	Sprocket idler centres	1,562mm
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C	Undercarriage overall length	1,988mm
D	Kingpost clearance	510mm
E	Tailswing radius - Standard CW	1,005mm
	Tailswing radius - HD CW	1,110mm
F	Overall width of superstructure	1,445mm
G	Height over cab	2,478mm
	Height over canopy	2,474mm
H	Ground clearance	264mm
J	Track gauge	1,250mm
K	Width over tracks - 250 mm tracks	1,500mm
	Width over tracks - 300 mm tracks	1,550mm
L	Transport length	4,350mm
M	Track height - Rubber	450mm
N	Counterweight clearance	525mm

Notes:
