QUICK REFERENCE GUIDE

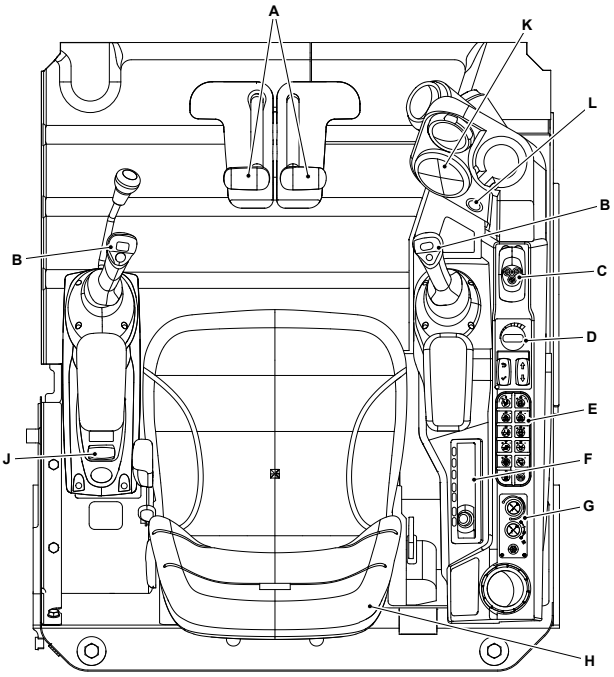
35Z-1, 36C-1

EN - 9828/GAT00 - ISSUE 1 - 01/2025

The information shown in this Quick Reference Guide is taken from the Operator's Manual (9841/2050).

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.

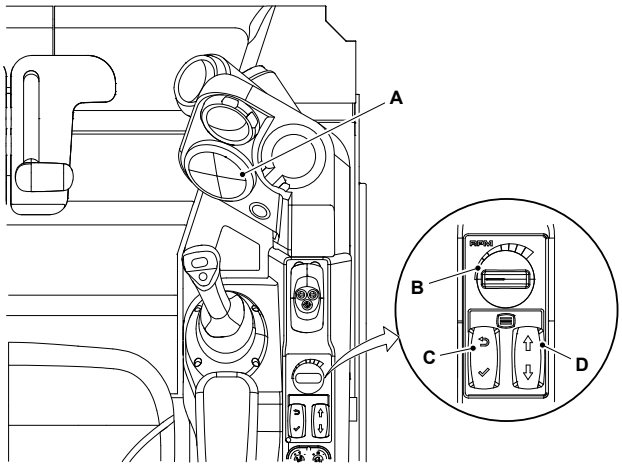
Component Locations



A Track controls
B Excavator controls
C Dozer blade control lever
D Throttle control
E Switch console
F Entertainment system
G HVAC (Heating Ventilation Air Conditioning) controls
H Operator seat
J ISO (International Organization for Standardization)/SAE (Society of Automotive Engineers) control pattern switch
K Instrument panel
L 12V Power socket

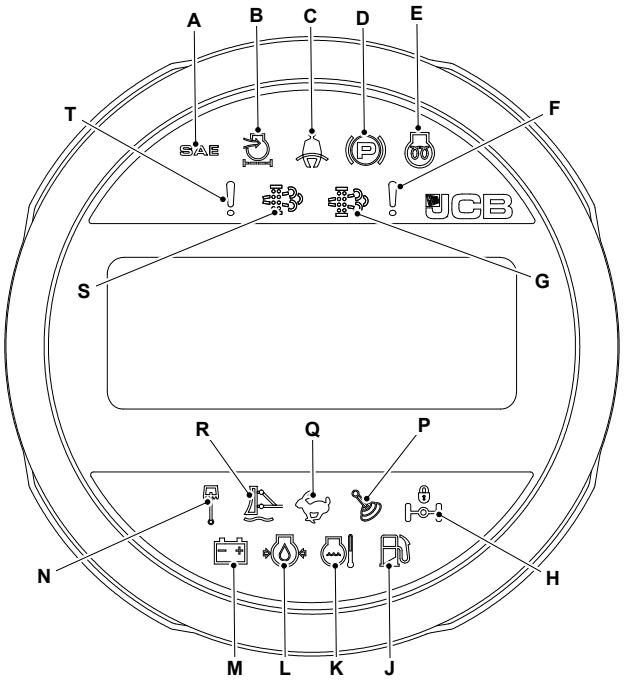
Instrument Panel

The display is located at the front of the cab in the line of sight from the operator's seat. It provides the interface with the machines electronic system. The display shows machine information such as machine settings, display settings, diagnostic information and service information.



A Display
B Throttle control
C Return / back and enter / select button
D Up / down arrow button

Display Icons



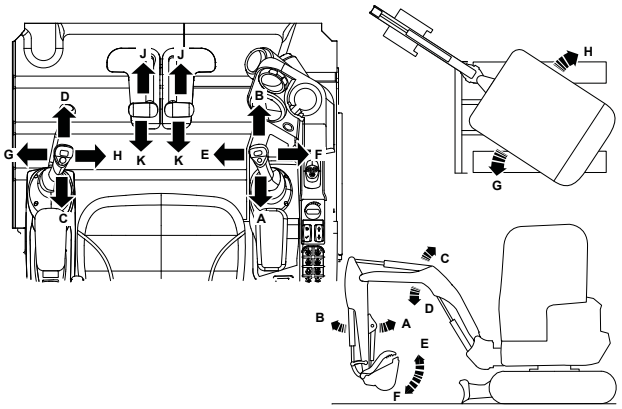
A	SAE active	Illuminate green when SAE is active.
B	Air filter (blocked) indicator	Illuminate amber when the air filter is blocked.
C	Seat belt	Visual. Illuminate red if the seat belt is not fastened or the operator is not sitting on the seat.

D	Park brake	Audible/Visual. Comes on when the park brake is engaged. The buzzer operates if the lamp is on and the transmission is not in neutral. If the lamp flashes, this indicates a fault with this function and is accompanied with a fault code on the LCD.
E	Engine pre-heat	Illuminate amber when engine pre-heater is on.
F	Master warning	Audible/Visual. If red light illuminate then contact JCB dealer. If red light illuminate then stop the machine immediately and contact your JCB dealer.
G	After treatment critical warning	Critical DPF (Diesel Particulate Filter) soot loading level. Contact JCB dealer for high level refresh (red).
H	Axle lock	Illuminate amber when axle lock is on
J	Fuel indicator	Illuminate red when fuel level is low.
K	Coolant temperature	Illuminate red when coolant temperature exceeds the pre-set value.
L	Engine oil pressure	Illuminate red when oil pressure drop too low. Illuminate when the ignition switch is set to position "I" before starting the engine but should be extinguish when the engine starts. If remains 'ON' then stop the engine immediately and contact your JCB Dealer.
M	Battery charging condition	Audible/Visual. The lamp illuminate red and buzzer will sound, if battery is not charging while engine is running. If battery is charging, the lamp and buzzer should go off a few seconds after the engine is started.
N	Swing active	Illuminate green when swing function is active.
P	Hydraulic active	Illuminate green when hydraulic services is active.
Q	High travel speed	Illuminate green when swing function is active.
R	Dozer blade,float	Illuminates green when dozer float is active.
S	After treatment critical warning	Critical DPF soot loading level. Contact JCB dealer for high level refresh (amber).
T	Master warning	Audible/Visual. If amber light illuminate then contact JCB dealer. If red light illuminate then stop the machine immediately and contact your JCB dealer.

Basic Controls

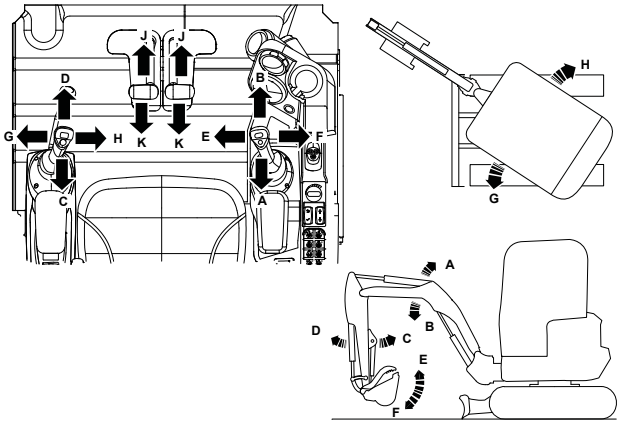
Excavator Controls

Excavator Levers (SAE Control Pattern)



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

Excavator Levers (ISO Control Pattern)



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B Lower boom
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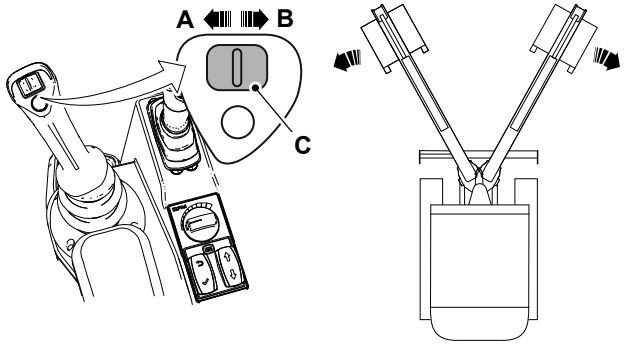
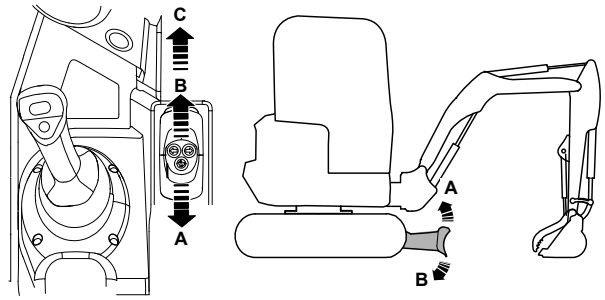
Swing Control Switch

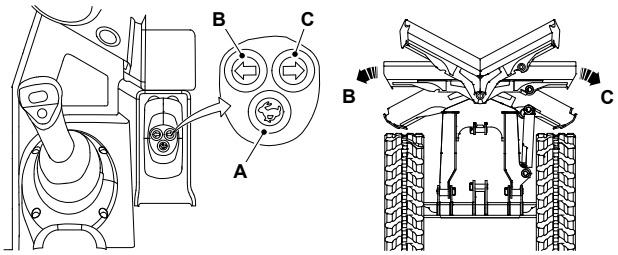


A Swing left
B Swing right
C Swing control switch

Dozer Blade Controls

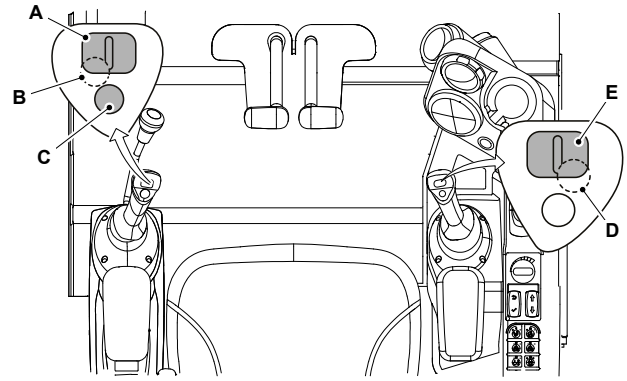


A Raise the dozer
B Lower the dozer
C Dozer float



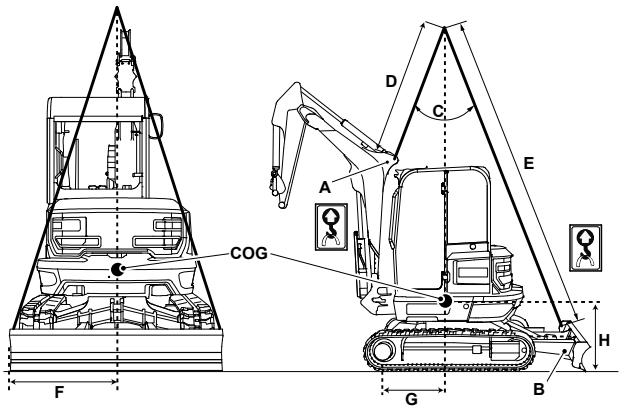
A Travel speed selector button
B 4-Way dozer rotate left
C 4-Way dozer rotate right

Auxiliary Circuit Controls



A Left electro-proportional switch for aux 2 (low flow)
B Tilt/grab changeover for tilt-rotator
C Boom swing / AUX changeover
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)

Lifting Points



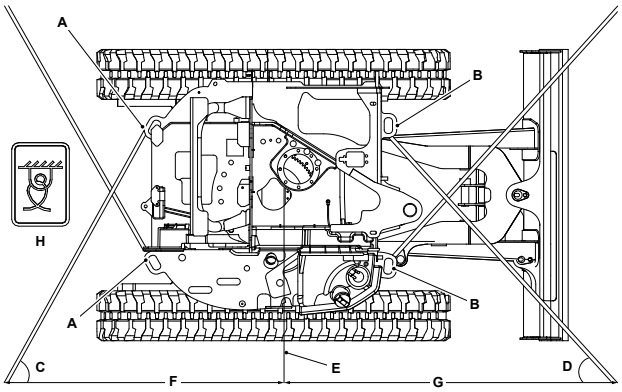
A Boom lift point
B Dozer blade lift point

Item	35Z/36C
C	38°
D	2,148mm
E	4,653mm
F	875mm
G	764mm
H	880mm

Tie Down Points

Tie Down Points

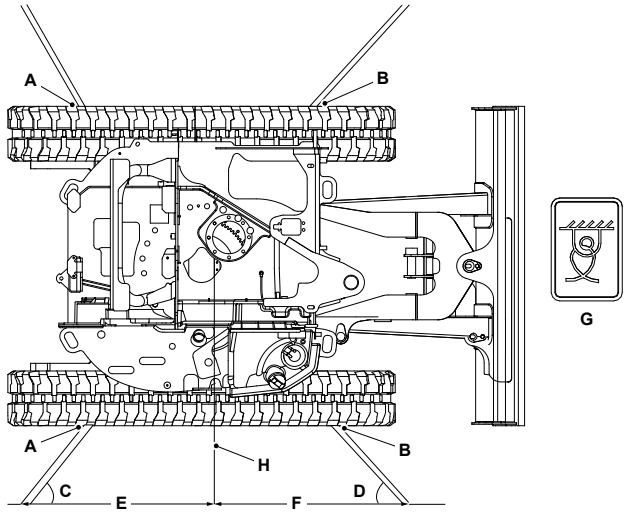
Method 1



A Front slew spine tie-down points
B Rear slew spine tie-down points
C Angle = 43° to 65°
D Angle = 38° to 51°
E Slew ring centre line
F Length = 2,500mm to 1,500mm
G Length = 2,850mm to 2,050mm
Lashing capacity = 41,000N
H Tie down decal

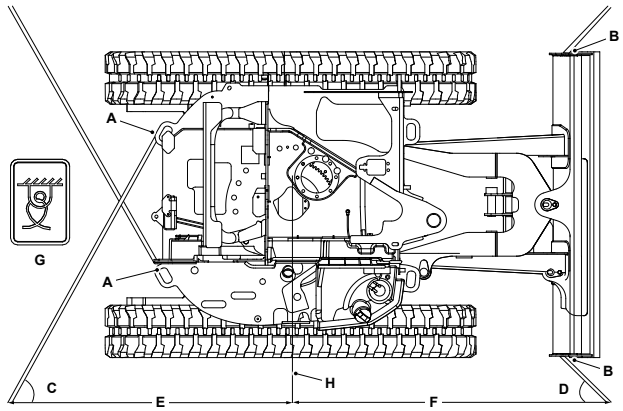
Minimum Lashing Breaking Force = 65,000N

Method 2



A Front undercarriage track leg tie-down points
B Rear undercarriage track leg tie-down points
C Angle = 21° to 61°
D Angle = 24° to 52°
E Length = 1,485mm to 860mm
F Length = 1,450mm to 850mm
G Tie down decal Lashing capacity = 34,000N
H Slew ring centre line Minimum Lashing Breaking Force = 55,000N

Method 3



A Front slew spine tie-down points
B Dozer blade tie-down points
C Angle = 45° to 60°
D Angle = 29° to 62°
E Length = 2,350mm to 1,600mm
F Length = 2,250mm to 1,750mm
G Tie down decal Lashing capacity = 40,000N
H Slew ring centre line Minimum Lashing Breaking Force = 64,000N

Operator Maintenance Tasks

Pre-start Cold Checks, Service Points and Fluid Levels

Component	Task	10h	50h
Bodywork and Operator Station			
Slew ring remote greasing - bearing	Lubricate		O
Electrics			
Window washer fluid level	Check	O	O
Engine, Fuel and Cooling System			
Oil level	Check	O	O
Fuel level[1]	Check	O	O
Fuel filter/Water separator	Drain	O	O
Coolant level[1]	Check	O	O
Hydraulics			
Oil level	Check	O	O

(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	O	O
Fuel System - Leaks and Contamination	Check	O	O
Fuel System			
Fuel System	Check (leaks)		O
Hydraulics			
Operation All Services - Excavator, Dozer etc.	Check (operation)	O	O
Hoses and Pipework- Damage/Leaks[3]	Check (operation)		O
Electrics			
All Electrical Equipment Operation (e.g. warning lights, beacon, alarms, horns, wipers etc.	Check (operation)	O	O
Hourmeter	Check (operation)	O	O
Undercarriage			
Track and running gear	Check (operation)	O	O

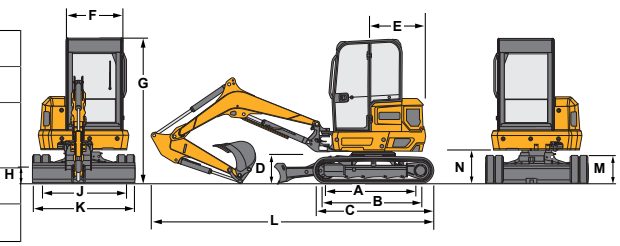
(3) Check the emergency boom lowering operation using accumulator stored pressure. Do not use engine power.

Fuses and Relays

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

Dimensions

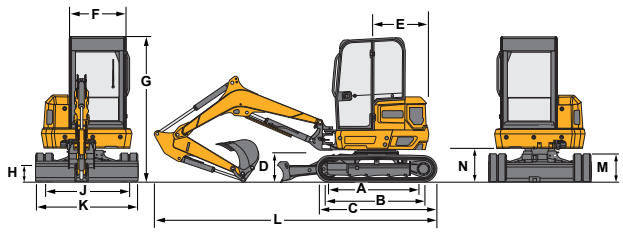
(For: 35Z-1 [GE0], 35Z-1 [JCB])



Machine Dimensions

Item	Description	Dimension
A	Sprocket idler centres	1,590mm
B	Track length on ground - Rubber	1,590mm
C	Undercarriage overall length	2,049mm
D	Kingpost clearance	555mm
E	Tailswing radius - Light CW	900mm
	Tailswing radius - Heavy CW	1,000mm
F	Overall width of superstructure	1,550mm
G	Height over cab	2,482mm
H	Ground clearance	275mm
J	Track gauge	1,400mm
K	Width over tracks	1,750mm
L	Transport length- standard dipper	4,851
M	Track height - Rubber	480mm
N	Counterweight clearance	563mm

(For: 36C-1 [GE0], 36C-1 [JCB])



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B	Track length on ground - Rubber	1,590mm
C	Undercarriage overall length	2,049mm
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E	Tailswing radius - Light CW	1,200mm
	Tailswing radius - Heavy CW	1,300mm
F	Overall width of superstructure	1,550mm
G	Height over cab	2,482mm
H	Ground clearance	275mm
J	Track gauge	1,200mm
K	Width over tracks	1,550mm
L	Transport length - standard dipper	4,806mm
M	Track height - Rubber	480mm
N	Counterweight clearance	563mm

Notes: