



# JCB MIDI EXCAVATOR | 8060

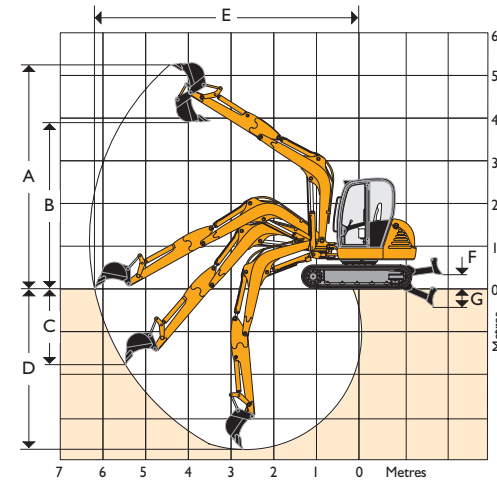
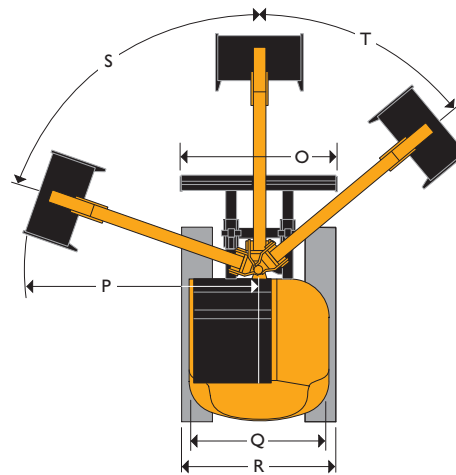
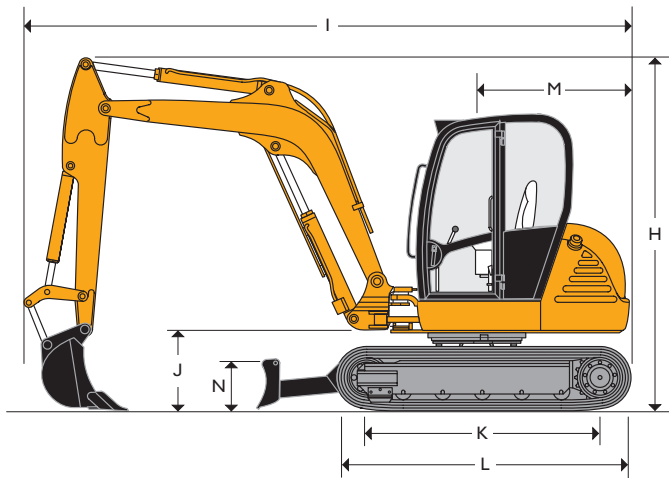


MAX. OPERATING WEIGHT

13210lb (5991kg)

MAX. DIG DEPTH:

13ft 7in (4.1 meters)



## PERFORMANCE AND DIMENSIONS

Machine model	8060	
Dipper size	ft-in (mm)	4-11 (1500) 6-3 (1900)
A Max dig height	ft-in (mm)	17-10 (5437) 18-7 (5679)
B Max dump height	ft-in (mm)	12-4 (3750) 13-1 (3988)
C Max vertical dig depth	ft-in (mm)	7-0 (2132) 8-2 (2486)
D Max dig depth-dozer up	ft-in (mm)	12-3 (3733) 13-7 (4133)
E Max ground level reach	ft-in (mm)	19-0 (5790) 20-3 (6182)
Bucket rotation	degrees	201°
F Dozer cut above ground	ft-in (mm)	1-5 (432)
G Dozer cut below ground	ft-in (mm)	1-8 (505)
H Overall Height (trans pos)	ft-in (mm)	8-9 (2662)
I Overall Length (trans pos)	ft-in (mm)	15-9 (4808)
J Kingpost clearance	ft-in (mm)	2-1 (642)
K Sprocket idler centers (Rubber)	ft-in (mm)	6-6 (1991)
K Sprocket idler centers (Steel)	ft-in (mm)	6-7 (2006)
L Undercarriage length (Rubber)	ft-in (mm)	8-3 (2516)
L Undercarriage length (Steel)	ft-in (mm)	8-4 (2531)

## PERFORMANCE AND DIMENSIONS

Machine model	8060	
M Tailswing	ft-in (mm)	4-3 (1300)
N Dozer height	ft-in (mm)	1-4 (411)
O Dozer width	ft-in (mm)	6-8 (2020)
P Min. Slew radius (no bucket)	ft-in (mm)	6-8 (2021)
Q Superstructure width	ft-in (mm)	5-11 (1800)
R Width over tracks	ft-in (mm)	6-7 (2000)
S Boom swing left	degrees	70°
T Boom swing right	degrees	50°
Min Slew radius (no offset)	ft-in (mm)	8-0 (2443)
Max Bucket tearout (3CX bucket) (SAE J1179)	lbf (kN)	9149 (40.7)
Max Bucket tearout (8052 bucket) (SAE J1179)	lbf (kN)	10768 (47.9)
Max dipper tearout (SAE J1179) 1500mm	lbf (kN)	7283 (32.4)
Max dipper tearout (SAE J1179) 1900mm	lbf (kN)	5912 (26.3)
Travel speeds kph 1st Gear	mph (kph)	1.56 (2.5)
Travel speeds kph 2nd Gear	mph (kph)	2.7 (4.4)
Slew speed	rpm	9.4

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## ENGINE

4 cylinder: 4JG1, 4 stroke, diesel engine, direct injection, naturally aspirated, 3 liters displacement. Water cooled

		8060
Engine		Isuzu
Model		4JG1
Gross power @ 2300rpm	hp (kW)	59.6 (44.5)
NET power @ 2300rpm	hp (kW)	57.6 (43)
Gross torque @ 1800rpm	lb/ft (Nm)	141.6 (192)
Displacement	cc	3059

Engine oil service intervals: 500 hours. E4\* 97/68 GA\* 97/68\* 0042\* 00 (tier 2 compliant)

## UNDERCARRIAGE

Machine model		8060
No. of bottom rollers		5
Track width	in (mm)	15.7 / 21.6 (400 / 550)
Ground pressure	psi (kg/cm <sup>2</sup> )	5.26 (0.37)
Track tensioning		Grease

## HYDRAULICS

Variable displacement load sensed Rexroth pump with power control system.

Machine model		8060
Nominal output (no load)	US gal (lpm)	39.6 (150)
Excavator/track main relief	psi (bar)	3335 (230)
Slew main relief	psi (bar)	2900 (200)
Auxiliary hydraulic flow	US gal (lpm)	25 (95)
Hydraulic motors		2 speed piston type

Swing brake: hydraulic braking plus automatic spring applied disk type parking brake

## SERVICE CAPACITIES

Machine model		8060
Water system capacity-cab	US gal (liter)	2.9 (11)
Fuel tank capacity	US gal (liter)	18.5 (70)
Engine oil capacity	US gal (liter)	2.5 (9.6)
Hydraulic tank capacity	US gal (liter)	17.7 (67)

## MACHINE WEIGHTS

Machine model		8060
Operating weight	lb (kg)	13210 (5991)
With 400mm steel tracks	lb (kg)	176 (+80)
With wide steel tracks	lb (kg)	551 (+250)

Operating weight includes: standard machine with cab, rubber tracks, 74.8in (1900mm) dipper, full tanks 24in (610mm) bucket and 165lb (75kg) operator.

## STANDARD EQUIPMENT

Cab: TOPS (tip over protective structure), heater and defroster, windshield washer/wiper. Track lever pedals. Single Acting circuit (for breakers). Second auxiliary circuit 11.9 US gal (0-45 liters). 2 Speed tracking. Full audible systems. Slew lock. Boom work light. Ergonomically designed Rexroth servo controls. Steel Tracks (1ft 4in / 400mm). Suspension seat.

## OPTIONAL EQUIPMENT

Short dipper (4ft 11in / 1500mm). FOGS guard (Falling object guard structure). Cab/Canopy working lights (2 front, 1 rear). Air conditioning. Wide steel tracks (1ft 10in / 550mm). Rubber tracks (1ft 4in / 400mm). Stereo Radio Cassette. Engine fan guard. Flashing Beacon. Double Acting circuit. Buckets in widths (in/mm): 3CX (standard) 9"/230, 1ft/305, 1ft 2in/350, 1ft 4in/400, 1ft 6in/460, 2ft/610, 3ft/915, 8052 (higher tearout) 1ft/300, 1ft 2in/350, 1ft 4in/400, 1ft 6in/460, 2ft/600, 2ft 6in/750, 3ft/900. Ditching/grading bucket (ft/mm): 5ft/1525. Attachments: JCB 260/360 breaker, earth drill, mechanical quickhitch.



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