



JCB MIDI EXCAVATOR | 8052

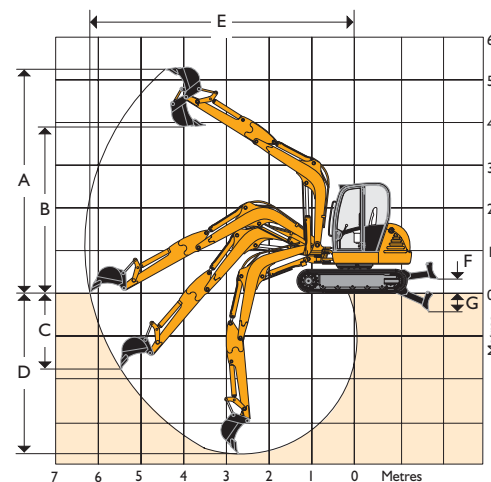
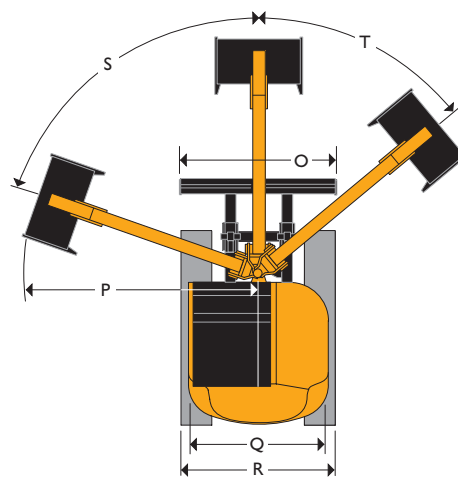
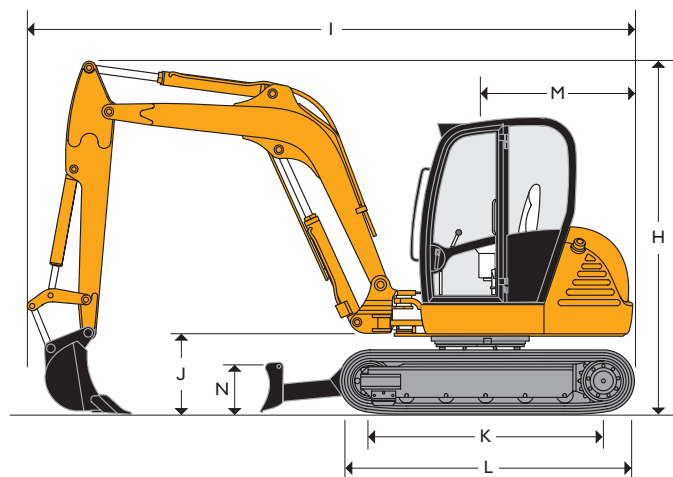


MAX. OPERATING WEIGHT

11464lb (5200kg)

MAX. DIG DEPTH:

13ft 1in (4.0 metres)



PERFORMANCE AND DIMENSIONS

| Machine model | | 8052 |
|-----------------------------------|------------|--------------|
| Dipper size | ft-in (mm) | 6-3 (1900) |
| A Max dig height | ft-in (mm) | 18-2 (5547) |
| B Max dump height | ft-in (mm) | 13-5 (4088) |
| C Max vertical dig depth | ft-in (mm) | 8-0 (2434) |
| D Max dig depth-dozer up | ft-in (mm) | 13-1 (3995) |
| E Max reach (ground level) | ft-in (mm) | 19-10 (6056) |
| Bucket rotation Degrees | degrees | 201° |
| F Dozer cut above ground | ft-in (mm) | 1-5 (432) |
| G Dozer cut below ground | ft-in (mm) | 1-10 (553) |
| H Overall Height (trans pos) | ft-in (mm) | 8-5 (2555) |
| 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) |

PERFORMANCE AND DIMENSIONS

| Machine model | | 8052 |
|--------------------------------|------------|-------------|
| L Undercarriage length (Steel) | ft-in (mm) | 8-4 (2531) |
| M Tailswing | ft-in (mm) | 4-3 (1300) |
| N Dozer height | ft-in (mm) | 1-4 (411) |
| O Dozer width | ft-in (mm) | 6-7 (2020) |
| P Min slew radius (no bucket) | ft-in (mm) | 6-7 (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) | 7-11 (2405) |
| Max bucket tearout (SAE J1179) | lbft (kgf) | 8988 (4077) |
| Max dipper tearout (SAE J1179) | lbft (kgf) | 5829 (2644) |
| Travel speeds 1st Gear | mph (kph) | 1.6 (2.5) |
| Travel speeds 2nd Gear | mph (kph) | 2.7 (4.3) |
| Slew speed | rpm | 10 |

JCB MIDI EXCAVATOR | 8052

Helping You Get
the Job Done!

ENGINE

4 cylinder: 404-22, Tier 2 emissions compliant, 4 stroke, diesel engine. Indirect injection, naturally aspirated – 134 cu. in (2.2 liters) displacement. Water cooled.

| | | 8052 |
|-------------------------------|------------|-------------|
| Gross power @ 2600rpm | | |
| SAE J1995 | hp (kW) | 47.8 (35.7) |
| NET power @ 2600rpm | | |
| SAE J1349 EEC 80/1269 | hp (kW) | 46.5 (34.7) |
| Gross torque @ 2000rpm | | |
| SAE J1995 | lb/ft (Nm) | 104 (135) |
| NET torque @ 2000rpm | | |
| SAE J1349 EEC 80/1269 | lb/ft (Nm) | 100 (130) |

Exhaust smoke R24.03. Exhaust emissions 91/542/CEE – 'EURO I'. Engine oil service intervals: 250 hours.

| | | 8052 |
|-------------------------|----------|------|
| EEC Noise Levels | | |
| Cab internal | dB (LPA) | 81 |
| Cab external | dB (LWA) | 100 |

UNDERCARRIAGE

| Machine model | | 8052 |
|-----------------------|--------------------------------|-------------|
| No. of bottom rollers | | 5 |
| Track width | in. (mm) | 15.7 (400) |
| Ground pressure | lb/sq.in (kg/cm ²) | 4.69 (0.33) |
| Ground clearance | in. (mm) | 13.4 (340) |
| Track tensioning | | Grease |

HYDRAULIC SYSTEM

Pump: Variable displacement load sensed Rexroth pump with power control system.

| Machine model | | 8052 |
|--|------------------|------------|
| Nominal output (no load) | US gal/min (lpm) | 33 (126) |
| Excavator/track main relief | psi (bar) | 3626 (250) |
| Slew main relief | psi (bar) | 2611 (180) |
| Auxiliary hydraulic flow @ rated speed | US gal/min (lpm) | 27 (90) |
| Hydraulic motors type | | Piston |

SERVICE CAPACITIES

| Machine model | | 8052 |
|-----------------------------|-----------------|-----------|
| Water system capacity – cab | US gal (liters) | 2.11 (8) |
| Fuel tank capacity | US gal (liters) | 18.5 (70) |
| Engine oil capacity | US gal (liters) | 1.32 (5) |
| Hydraulic tank capacity | US gal (liters) | 17.7 (67) |

MACHINE WEIGHTS

| Machine model | | 8052 |
|-------------------|---------|--------------|
| Operating weight | lb (kg) | 11466 (5200) |
| With steel tracks | lb (kg) | 176 (+80) |

Note: 8052 – operating weight to ISO 6016 including cab, rubber tracks, 6ft 3in (1900mm) dipper, 2ft 6in (750mm) bucket, full tanks and 165lb (75kg) operator.

STANDARD EQUIPMENT

Cab - TOPS. Rubber tracks. Full audible systems. Slew lock. Boom work light. Ergonomically designed servo control. Single acting pipework. 2 speed auto-kickdown tracking. Seat: suspension.

OPTIONAL EQUIPMENT

Short dipper (1500mm). Cab – FOGS. Steel tracks. Double acting pipework. Stereo radio cassette. Mirror. Cab working lights (2 front, 1 rear). Flashing beacon. Single or double-acting auxiliary circuit. Buckets in widths: 14in (350mm), 16in (400mm), 18in (450mm), 24in (600mm), 30in (750mm), 36in (900mm). Ditching buckets: 10ft 7in (1525mm). Attachments: breaker, earth auger, Mechanical quickhitch. Fan guard. Toolkit.



JCB Headquarters Savannah, 2000 Bamford Blvd., Pooler, GA 31322. Tel: 912.447.2000. Fax: 912.447.2299. www.jcb.com

JCB reserves the right to change design, materials and/or specifications without notice. Specifications are applicable to units sold in the United States and Canada. The JCB logo is a registered trademark of J C Bamford Excavators Ltd.

USA 21044-1/05

Helping You Get
the Job Done!



JCB MIDI EXCAVATOR | 8052