

NEW

JCB SKID STEER & COMPACT TRACK LOADER RANGE



JCB SKID STEER & COMPACT TRACK LOADER | RANGE



REDEFINING skid steers

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STRENGTH AND DURABILITY.

BEFORE YOU BUY A SKID STEER OR COMPACT TRACK LOADER, YOU NEED TO KNOW IT'S GOING TO BE TOUGH ENOUGH TO PERFORM ANY JOB YOU ASK OF IT. FORTUNATELY, WITH JCB, STRENGTH AND DURABILITY COME STANDARD.

One-of-a-kind boom.

- 1 The PowerBoom structure provides a safe route for hydraulic hoses so that they're well protected from damage.
- 2 To ensure optimum precision and build quality, we use advanced manufacturing and assembly processes during the manufacture of key components.

Built to last.

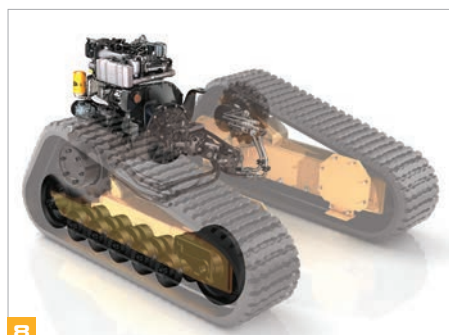
- 3 Our engine technology is tried and proven; we've built 200,000 DIESELMAX units since 2004. To ensure similar longevity, the EcoMAX T4 Final/ Stage 3B engine has been tested for 110,000 hours in 70 different machines across the toughest applications and environments.
- 4 A large loader arm cross-member provides added strength: vital for when you're using a standard mechanical quickhitch or the optional powered variant.



UNEARTHED: KEY FACT
A single JCB PowerBoom boasts up to 20% more steel than our rivals' twin-arm designs.

Structural strength.

- 6 We've designed the door to be stiff and durable for added structural strength and rigidity.
- 6 Another area that boosts rigidity and service life is the single-piece chassis.
- 7 Expect durable forged steel axles and a strong chain (100 HS on LP models, 80 HS on SP models).
- 6 Track retention is excellent on our compact track loaders, courtesy of a solid undercarriage with cast steel triple-flanged rollers.
- 9 To keep the fuel tank protected, it's mounted inside the loader tower; there's also an easily accessible drain port.



UNIQUE DESIGN.

THE JCB SKID STEER AND COMPACT TRACK LOADER RANGE HELP YOU TO WORK HARDER WITH LESS EFFORT. FOR EXAMPLE, THANKS TO JCB'S INNOVATIVE DESIGN, OPERATORS CAN ACCESS THE MACHINE WITHOUT NEEDING TO REMOVE LOADS OF MATERIAL.

Safely does it.

- 1 JCB's exclusive left-hand-side entry system allows operators to access the loader without having to climb over large cumbersome attachments or under an unsupported boom.
- 2 The emergency exit on a JCB skid steer or compact track loader is via the front of the machine, as opposed to via the small rear window as per traditional twin-arm designs.



UNEARTHED: KEY FACT
We use laminate glass instead of mesh, providing operators with unhindered all-around visibility.

Visibly better.

- 3 With a 270° field of vision, our loaders have up to 60% better visibility than rival machines (which offer around 165°).
- 4 PowerBoom's single-arm low-slung design means there's excellent visibility to both the left and right side of the machine.
- 5 There's a standard-fit rear view mirror at the operator's eye level for easy rearward visibility.
- 6 Part of the reason why visibility is so good on a JCB skid steer or compact track loader is that our EcoMAX engine doesn't require bulky after-treatment, making installation more compact.

Because JCB's unique PowerBoom design doesn't need a rear torque tube on vertical lift models, visibility is further improved.



Ordinary Skid Steer 165° Visibility



3

JCB Skid Loader 270° Visibility



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POWER AND PERFORMANCE.

POWER AND PERFORMANCE ARE QUALITIES EVERYONE WANTS IN A SKID STEER OR COMPACT TRACKED LOADER. WITH PLENTY OF POWER AND TONS OF VERSATILE FEATURES, THE JCB RANGE SETS NEW STANDARDS OF EFFICIENCY AND PRODUCTIVITY.



Versed in versatility.

1 For the ultimate in versatile performance, our high flow hydraulics mean you can choose from a huge range of 31 different attachment types.

2 Operators can use an even wider variety of hydraulic attachments with our optional 7-way multi-function joystick.

3 Our standard mechanical or optional powered quickhitches are designed to meet stringent JCB standards; they make for quick and efficient attachment changes.



VERTICAL LIFT:

With maximum lift capacity at maximum height and reach, this is a good choice for load and carry operations like fork work, heavy construction and landscaping.



RADIAL LIFT:

This provides improved digging geometry with more reach at the midpoint of the lift cycle. It's perfect for excavating applications like landscaping, digging, excavation, asphalt work, farming, street construction and industrial tasks.

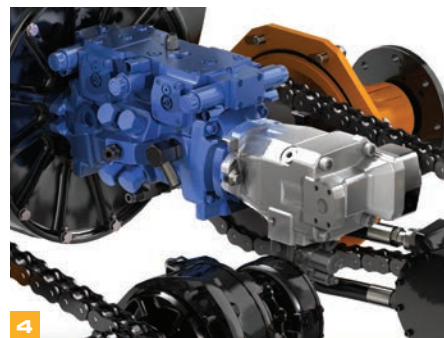


Maximum output.

4 The 300 class models now feature variable displacement piston pump hydraulics for faster cycle times and smoother multi functioning.

5 JCB's Smoothride System (SRS) allows the boom and load to move independently of the chassis, ensuring improved load retention and operator comfort. In turn, this means faster loading cycles and journey times.

6 Optional parallel lift helps to keep loads level throughout the lift cycle, which is ideal for carrying palletized loads.



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A SOUND INVESTMENT

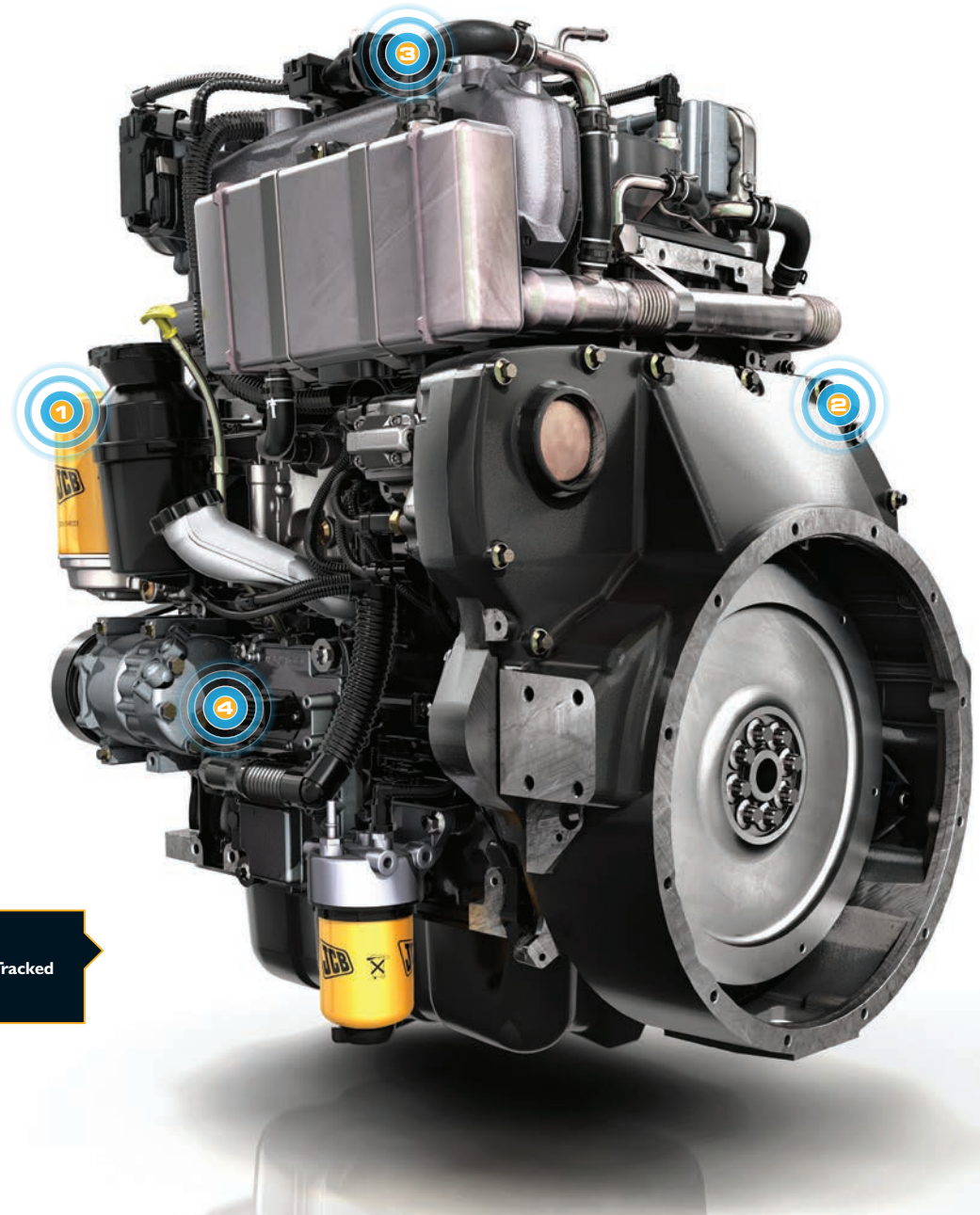
A JCB SKID STEER AND COMPACT TRACK LOADER ISN'T JUST EFFICIENT TO USE – IT'S ALSO EFFICIENT TO OWN AND OPERATE. WE'VE DESIGNED THESE MACHINES TO GIVE YOU GREAT FUEL EFFICIENCY, UNPARALLELED RESALE VALUE AND LOW RUNNING COSTS FOR MAXIMUM RETURN ON INVESTMENT.

EcoMAX efficiency.

- 1 Our T4 Final EcoMAX engine uses up to 9% less fuel than our Tier 3 units, saving you money.
- 2 EcoMAX produces its peak torque at low revs for fuel-efficient matching of the transmission and hydraulics.
- 3 Because this engine doesn't require costly exhaust after-treatment or heat-resistant lube oils, it saves money on servicing.
- 4 EcoMAX can be remapped to operate on low quality fuels. This means these loaders can be resold across different territories, improving residuals.

ECOMAX ENGINE

Wheeled 225, 260, 280, 300, 330 Tracked
225T, 260T, 300T, 320T





More for your money.

6 JCB's optional 2-speed transmission helps these machines achieve quicker travel and cycle times.

6 Cooling is extremely efficient, with lower-temperature air pulled from the top of the cooling pack and expelled through the sides and rear; this improves overall performance.

JCB DIESEL BY KOHLER ENGINE
Wheeled 135, 155, 175, 190, 205 Tracked,
150T, 190T, 205T



JCB Diesel by Kohler engine design.

7 Choose one of our smaller skid steer or compact track loaders and you'll benefit from a JCB Diesel by Kohler KDI T4F engine: it features a maintenance-free diesel-oxidation catalyst (DOC) and offers improved torque and fuel efficiency.

The KDI 1903 TLR and KDI 2504 TLR engines feature an advanced combustion system that significantly reduces emissions and fuel consumption.

Like the JCB EcoMAX unit, JCB Diesel by Kohler's KDI engine doesn't use exhaust after-treatment like a DPF. Operating costs and maintenance are therefore minimized.

OPERATOR COMFORT.

FOR A MACHINE TO PROVIDE MAXIMUM EFFICIENCY, IT NEEDS TO BE INTUITIVE AND COMFORTABLE TO OPERATE. WITH THAT IN MIND, WE'VE DESIGNED THE JCB SKID STEER AND COMPACT TRACK LOADER RANGE TO PROVIDE THE MOST ERGONOMIC OPERATOR ENVIRONMENT POSSIBLE.



Comfort and convenience.

1 Access to a JCB skid steer or compact track loader is provided via a door that's more than double the size of rival offerings.

2 Our cab is quite simply in a class of its own; we offer a 33% larger operator environment in our large platform machines. On small platform models, meanwhile, the cab is as much as 46% bigger.

3 There's a fully adjustable mechanical suspension seat (or an optional heated air suspension variant) for optimum comfort.

4 Ventilation is excellent on all models fitted with a cab, thanks to a sliding window on the left side.

5 To make the cab an even better working environment, there's handy storage in the left arm rest as well as a 12V socket.





Always in control.

6 Three settings allow operators to choose the sensitivity of joystick movement; this makes it quick and straightforward to tailor controls to specific tasks or conditions.

7 Low effort controls make it easier to operate one of these loaders. An optional multi-function joystick enables operators to use a wide array of hydraulic attachments.

8 For increased ergonomics, we offer optional switchable ISO/H-pattern controls.

9 Controls to various machine options are ergonomically placed at roof level in the operator's line of sight.

10 The right control panel features machine diagnostics, an electronic throttle and the skid steer's ignition switch.



SERVICEABILITY.

WE'VE DESIGNED JCB SKID STEER AND COMPACT TRACK LOADERS TO BE AFFORDABLE, EFFICIENT AND HIGHLY PRODUCTIVE IN ALL SORTS OF AREAS. NOT LEAST BY MAKING THEM LOW MAINTENANCE AND EASY TO SERVICE.



Simple servicing.

- 1 The T4F JCB EcoMAX engine doesn't require a Diesel Particulate Filter (DPF), which simplifies servicing and reduces operating costs.
- 2 Small platform loaders within the range are fitted with a JCB Diesel by Kohler KDI T4F motor featuring a maintenance-free diesel-oxidation catalyst (DOC).
- 3 All of your loader's daily maintenance points are easily accessed via a large rear service door.



UNEARTHED: KEY FACT
It only takes one person to tilt the cab for excellent access to your loader's internals.

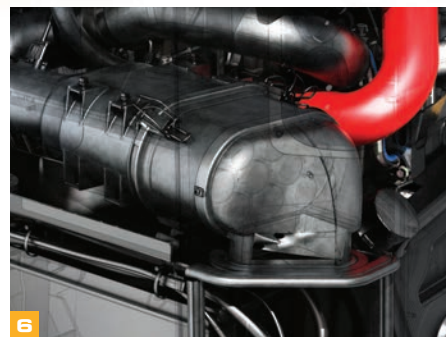


4 When it comes to more complex maintenance, our tilting cab design ensures easy access to key components.

5 To keep vital elements like the cooling pack free of debris, you can opt for a reversing fan that automatically reverses airflow every 30 minutes. This feature can also be operated with a button on the left-hand control panel.

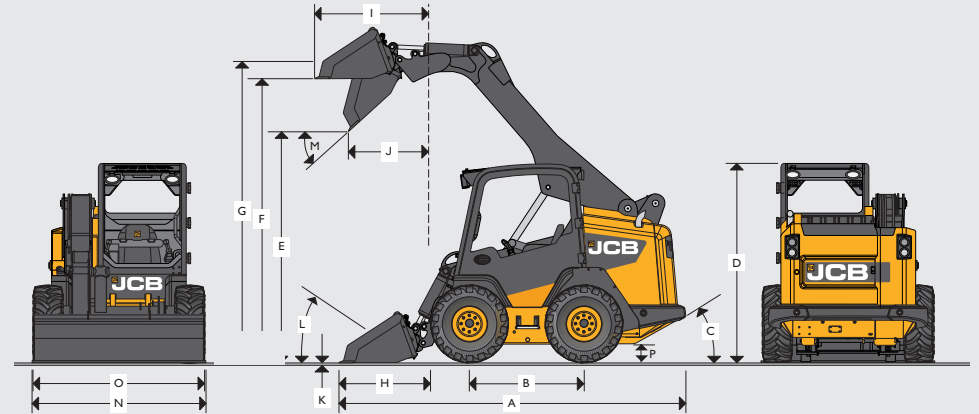
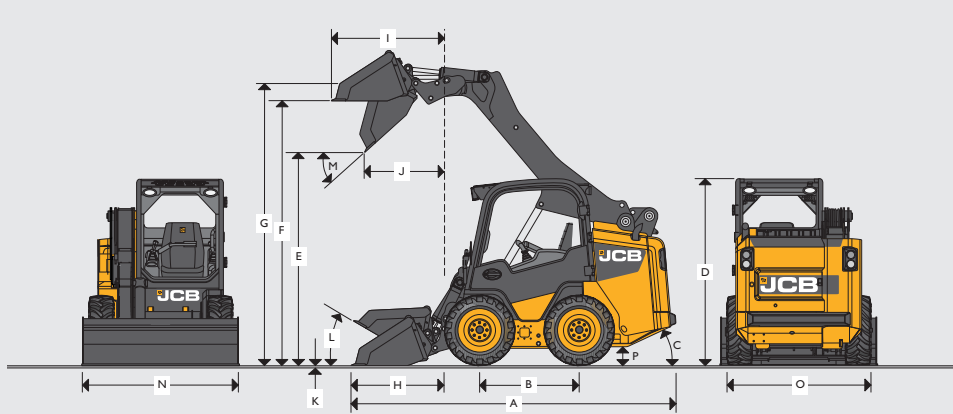
6 On larger skid steer or compact track loaders, there's a standard-fit air intake scavenge system, which keeps debris build-up in the air filter to a minimum. In turn, this extends service intervals.

7 Hydraulics on these loaders use O-ring face seals and incorporate 38 percent fewer parts than outgoing designs. The end result is reduced downtime.



SPECIFICATION

SKID STEER AND COMPACT TRACK LOADER

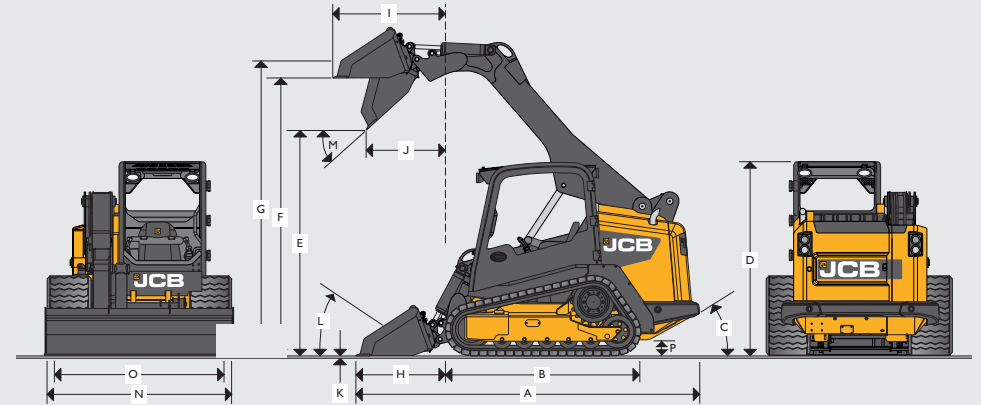
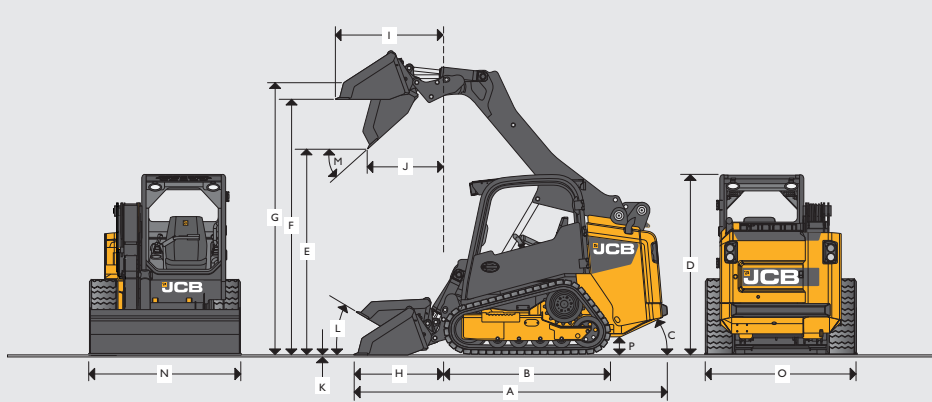


STATIC DIMENSIONS

| Machine model | | 135 | 155 | 175 | 190 | 205 |
|--|-------------|--------------|--------------|--------------|--------------|--------------|
| A Overall Length | ft-in (m) | 11-5 (3.49) | 11-5 (3.49) | 11-7 (3.53) | 11-8 (3.56) | 11-10 (3.61) |
| B Wheel Base | ft-in (m) | 3-6 (1.07) | 3-6 (1.07) | 3-6 (1.07) | 3-6 (1.07) | 3-6 (1.07) |
| C Angle of Departure | degrees | 25° | 25° | 25° | 25° | 25° |
| D Overall Height | ft-in (m) | 6-6 (1.98) | 6-6 (1.98) | 6-6 (1.98) | 6-6 (1.98) | 6-6 (1.98) |
| E Dump Height | ft-in (m) | 7-5 (2.26) | 7-5 (2.26) | 7-5 (2.26) | 7-5 (2.26) | 7-5 (2.26) |
| F Loadover Height | ft-in (m) | 9-4 (2.84) | 9-4 (2.84) | 9-4 (2.84) | 9-4 (2.84) | 9-4 (2.84) |
| G Height to Hinge Pin Fully Raised | ft-in (m) | 9-10 (3.00) | 9-10 (3.00) | 9-10 (3.00) | 9-10 (3.00) | 9-10 (3.00) |
| H Reach @ Ground Level (cutting edge) | ft-in (m) | 3-3 (1.00) | 3-3 (1.00) | 3-3 (1.00) | 3-3 (1.00) | 3-3 (1.00) |
| I Max Reach @ Full Height | ft-in (m) | 3-0 (.91) | 3-0 (.91) | 3-2 (.97) | 3-3 (.99) | 3-5 (1.04) |
| J Reach @ Full Height - Fully Dumped | ft-in (m) | 1-10 (.56) | 1-10 (.56) | 2-9 (.86) | 2-9 (.86) | 2-9 (.86) |
| K Dig Depth (toe plate horizontal) Clearance | in (mm) | -0.4 (-10) | -0.4 (-10) | -0.4 (-10) | -0.4 (-10) | -0.4 (-10) |
| L Rollback @ Ground | degrees | 30° | 30° | 30° | 30° | 30° |
| M Dump Angle | degrees | 42° | 42° | 42° | 42° | 42° |
| N Bucket Width - Standard | ft-in (m) | 5-0 (1.52) | 5-6 (1.68) | 5-6 (1.68) | 5-8 (1.73) | 6-0 (1.83) |
| Bucket Width - Optional | ft-in (m) | 4-6 (1.37) | 5-0 (1.52) | 5-8 (1.73) | 6-0 (1.83) | 5-8 (1.68) |
| O Width Over Tires - Standard | ft-in (m) | 4-11 (1.52) | 5-3 (1.60) | 5-3 (1.60) | 5-3 (1.60) | 5-3 (1.60) |
| Width Over Tires - Optional | ft-in (m) | 4-5 (1.37) | 5-0 (1.52) | 5-0 (1.52) | 5-0 (1.52) | 5-0 (1.52) |
| Rated Operating Capacity 50% | lb SAE (kg) | 1350 (612.3) | 1550 (703.1) | 1750 (793.8) | 1900 (861.8) | 2050 (929.9) |
| Bucket Capacity - Standard | yd³ (m³) | .47 (.36) | .52 (.40) | .52 (.40) | .53 (.41) | .57 (.44) |
| Turning Radius | | | | | | |
| Bucket Corner Radius | ft-in (m) | 6-10 (2.09) | 6-10 (2.09) | 6-10 (2.09) | 6-10 (2.09) | 6-10 (2.09) |
| Quick Hitch Radius | ft-in (m) | 3-7 (1.10) | 3-7 (1.10) | 3-9 (1.14) | 3-9 (1.14) | 3-9 (1.14) |
| Rear Chassis Radius | ft-in (m) | 5-5 (1.65) | 5-5 (1.65) | 5-5 (1.65) | 5-5 (1.65) | 5-5 (1.65) |
| P Ground Clearance | in (mm) | 8.3 (210) | 8.3 (210) | 8.3 (210) | 8.3 (210) | 8.3 (210) |
| Lift Path | | Radial | Radial | Vertical | Vertical | Vertical |

STATIC DIMENSIONS

| Machine model | | 225 | 260 | 280 | 300 | 330 |
|--|-------------|---------------|---------------|---------------|---------------|---------------|
| A Overall Length | ft-in (m) | 12-2 (3.69) | 12-2 (3.69) | 12-4 (3.76) | 12-5 (3.78) | 12-7 (3.80) |
| B Wheel Base | ft-in (m) | 4-0 (1.22) | 4-0 (1.22) | 4-0 (1.22) | 4-0 (1.22) | 4-0 (1.22) |
| C Angle of Departure | degrees | 28.7° | 28.7° | 28.7° | 28.7° | 29.1° |
| D Overall Height | ft-in (m) | 6-10 (2.09) | 6-10 (2.09) | 6-10 (2.09) | 6-10 (2.09) | 6-11 (2.11) |
| E Dump Height | ft-in (m) | 8-1 (2.46) | 8-1 (2.46) | 8-1 (2.46) | 8-1 (2.46) | 8-2 (2.49) |
| F Loadover Height | ft-in (m) | 9-10 (3.02) | 9-10 (3.02) | 9-10 (3.02) | 9-10 (3.02) | 10 (3.05) |
| G Height to Hinge Pin Fully Raised | ft-in (m) | 10-5 (3.175) | 10-5 (3.175) | 10-5 (3.175) | 10-5 (3.175) | 10-6 (3.2) |
| H Reach @ Ground Level | ft-in (m) | 3-2.5 (0.98) | 3-2.5 (0.98) | 3-2.5 (0.98) | 3-5 (1.04) | 3-5 (1.04) |
| I Max Reach @ Full Height | ft-in (m) | 3-2 (.96) | 4-0.5 (1.23) | 4-0.5 (1.23) | 4-0.5 (1.23) | 3-11 (1.2) |
| J Reach @ Full Height - Fully Dumped | ft-in (m) | 1-11 (.59) | 2-10 (0.87) | 2-10 (0.87) | 2-11 (0.90) | 2-11 (0.90) |
| K Dig Depth (toe plate horizontal) Clearance | in (mm) | -3/8 (-10) | -3/8 (-10) | -3/8 (-10) | -3/8 (-10) | 0 |
| L Rollback @ Ground | degrees | 30° | 30° | 30° | 30° | 29° |
| M Dump Angle | degrees | 42° | 42° | 42° | 42° | 42° |
| N Bucket Width - Standard | ft-in (m) | 6-0 (1.82) | 6-0 (1.82) | 6-0 (1.82) | 6-0 (1.82) | 6-6 (1.98) |
| O Width Over Tires - Standard | ft-in (m) | 6-0 (1.82) | 6-0 (1.82) | 6-0 (1.82) | 6-0 (1.82) | 6-2 (1.87) |
| Width Over Tires - Optional | ft-in (m) | 6-2 (1.87) | 6-2 (1.87) | 6-2 (1.87) | 6-2 (1.87) | 6-0 (1.82) |
| Rated Operating Capacity 50% | lb SAE (kg) | 2250 (1021) | 2600 (1179) | 2800 (1270) | 3000 (1361) | 3295 (1495) |
| Bucket Capacity - Standard | yd³ (m³) | .62 (.47) | .62 (.47) | .62 (.47) | .67 (.51) | .67 (.51) |
| Bucket Capacity - Standard | yd³ (m³) | .47 (.36) | .52 (.40) | .52 (.40) | .53 (.41) | .57 (.44) |
| Turning Radius | | | | | | |
| Bucket Corner Radius | ft-in (m) | 7-3 (2.20) | 7-3 (2.20) | 7-3 (2.20) | 7-3 (2.20) | 7-3 (2.20) |
| Quick Hitch Radius | ft-in (m) | 4-10.5 (1.48) | 4-10.5 (1.48) | 4-10.5 (1.48) | 4-10.5 (1.48) | 4-10.5 (1.48) |
| Rear Chassis Radius | ft-in (m) | 5-9.5 (1.76) | 5-9.5 (1.76) | 5-9.5 (1.76) | 5-9.5 (1.76) | 5-9.5 (1.76) |
| P Ground Clearance | in (mm) | 9.4 (238) | 9.4 (238) | 9.4 (238) | 9.4 (238) | 9.8 (248) |
| Lift Path | | Radial | Vertical | Vertical | Vertical | Vertical |



STATIC DIMENSIONS - SMALL PLATFORM TRACKED

| Machine model | | 150T | 190T | 205T |
|---|-----------------------------------|--------------|--------------|--------------|
| A Overall Length | ft-in (m) | 11-5 (3.49) | 11-7 (3.53) | 11-9 (3.58) |
| B Track Base | ft-in (m) | 5-10 (1.78) | 5-10 (1.78) | 5-10 (1.78) |
| C Angle of Departure | degrees | 27° | 27° | 27° |
| D Overall Height | ft-in (m) | 6-7 (2.00) | 6-7 (2.00) | 6-7 (2.00) |
| E Dump Height | ft-in (m) | 7-6 (2.29) | 7-6 (2.29) | 7-6 (2.29) |
| F Loadover Height | ft-in (m) | 9-4 (2.85) | 9-4 (2.85) | 9-4 (2.85) |
| G Height to Hinge Pin Fully Raised | ft-in (m) | 9-11 (3.02) | 9-11 (3.02) | 9-11 (3.02) |
| H Reach @ Ground Level | ft-in (m) | 3-7 (1.09) | 3-3 (1.00) | 3-3 (1.00) |
| I Max Reach @ Full Height | ft-in (m) | 3-3 (0.99) | 4-0 (1.21) | 4-0 (1.21) |
| J Reach @ Full Height - Fully Dumped | ft-in (m) | 2-1 (0.64) | 2-9 (0.85) | 2-9 (0.85) |
| K Dig Depth Clearance | in (mm) | -0.4 (-10) | -0.4 (-10) | -0.4 (-10) |
| L Rollback @ Ground | degrees | 30° | 30° | 30° |
| M Dump Angle | degrees | 42° | 42° | 42° |
| N Bucket Width - Standard | ft-in (m) | 5-8 (1.73) | 5-8 (1.73) | 6-0 (1.83) |
| Bucket Width - Optional | ft-in (m) | 5-6 (1.68) | 6-0 (1.83) | 5-8 (1.73) |
| O Width Over Tracks - Standard | ft-in (m) | 5-5 (1.65) | 5-5 (1.65) | 5-5 (1.65) |
| Rated Operating Capacity 35% | lb SAE (kg) | 1500 (680.4) | 1900 (861.8) | 2050 (929.9) |
| Rated Operating Capacity 50% | lb SAE (kg) | 2167 (982) | 2714 (1231) | 2928 (1328) |
| Bucket Capacity - Standard | yd ³ (m ³) | .53 (.41) | .53 (.41) | .57 (.44) |
| Turning Radius | | | | |
| Bucket Corner Radius | ft-in (m) | 6-10 (2.09) | 6-10 (2.09) | 6-10 (2.09) |
| Quick Hitch Radius | ft-in (m) | 3-9 (1.10) | 3-9 (1.14) | 3-9 (1.14) |
| Rear Chassis Radius | ft-in (m) | 5-5 (1.65) | 5-5 (1.65) | 5-5 (1.65) |
| P Ground Clearance | in (mm) | 9.1 (230) | 9.1 (230) | 9.1 (230) |
| Ground Bearing Pressure* | psi (Kp) | 6.75 (46.6) | 6.20 (42.6) | 6.50 (44.5) |
| Lift Path | | Radial | Vertical | Vertical |

STATIC DIMENSIONS - LARGE PLATFORM TRACKED

| Machine model | | 225T | 260T | 300T | 320T |
|---|-----------------------------------|---------------|---------------|---------------|---------------|
| A Overall Length | ft-in (m) | 12-2 (3.69) | 12-2 (3.69) | 12-5 (3.78) | 12-5 (3.78) |
| B Track Base | ft-in (m) | 6-11 (2.1) | 6-11 (2.1) | 6-11 (2.1) | 6-11 (2.1) |
| C Angle of Departure | degrees | 28.7° | 28.7° | 28.7° | 28.7° |
| D Overall Height | ft-in (m) | 6-10 (2.08) | 6-10 (2.08) | 6-10 (2.08) | 6-10 (2.08) |
| E Dump Height | ft-in (m) | 7-11 (2.42) | 7-11 (2.42) | 7-10 (2.39) | 7-10 (2.39) |
| F Loadover Height | ft-in (m) | 9-10 (2.99) | 9-10 (2.99) | 9-10 (2.99) | 9-10 (2.99) |
| G Height to Hinge Pin Fully Raised | ft-in (m) | 10-5 (3.18) | 10-5 (3.18) | 10-5 (3.18) | 10-5 (3.18) |
| H Reach @ Ground Level | ft-in (m) | 3-2 (0.96) | 3-2 (0.96) | 3-5 (1.04) | 3-5 (1.04) |
| I Max Reach @ Full Height | ft-in (m) | 3-1 (.935) | 4 (1.21) | 4.3 (1.30) | 4.3 (1.30) |
| J Reach @ Full Height - Fully Dumped | ft-in (m) | 1-11 (.585) | 2-10.5 (0.87) | 2-11 (0.90) | 2-11 (0.90) |
| K Dig Depth Clearance | in (mm) | -3/8 (-10) | -3/8 (-10) | -3/8 (-10) | -3/8 (-10) |
| L Rollback @ Ground | degrees | 30° | 30° | 30° | 30° |
| M Dump Angle | degrees | 42° | 42° | 42° | 42° |
| N Bucket Width - Standard | ft-in (m) | 6-6 (1.98) | 6-6 (1.98) | 7-0 (2.13) | 7-0 (2.13) |
| O Width Over Tracks - Standard | ft-in (m) | 6-1 (1.85) | 6-6 (1.98) | 6-6 (1.98) | 6-6 (1.98) |
| Rated Operating Capacity 35% | lb (kg) | 2250 (1021) | 2600 (1179) | 3000 (1361) | 3200 (1452) |
| Rated Operating Capacity 50% | lb (kg) | 3214 (1458) | 3994 (1812) | 4314 (1957) | 4573 (2074) |
| Bucket Capacity - Standard | yd ³ (m ³) | .79 (.59) | .79 (.59) | .84 (.64) | .84 (.64) |
| Bucket Capacity - Optional | yd ³ (m ³) | .52 (.40) | .52 (.40) | .53 (.41) | .57 (.44) |
| Turning Radius | | | | | |
| Bucket Corner Radius | ft-in (m) | 7-4.5 (2.24) | 7-4.5 (2.24) | 7-4.5 (2.24) | 7-4.5 (2.24) |
| Quick Hitch Radius | ft-in (m) | 4-10.5 (1.48) | 4-10.5 (1.48) | 4-10.5 (1.48) | 4-10.5 (1.48) |
| Rear Chassis Radius | ft-in (m) | 5.95 (1.76) | 5.95 (1.76) | 5.95 (1.76) | 5.95 (1.76) |
| P Ground Clearance | in (mm) | 9.8 (248) | 9.8 (248) | 9.8 (248) | 9.8 (248) |
| Ground Bearing Pressure* | psi (Kp) | 4.36 (30.1) | 4.6 (31.7) | 4.8 (33.1) | 4.9 (33.8) |
| Lift Path | | Radial | Vertical | Vertical | Vertical |

SPECIFICATION

SKID STEER AND COMPACT TRACK LOADER

HYDRAULIC PERFORMANCE - SMALL PLATFORM

| Machine model | R.O.C lb (kg) | Tipping Load lb (kg) | Loader Lift lb (kg) | Bucket Tilt lb (kg) |
|---------------|---------------|----------------------|---------------------|---------------------|
| 135 | 1350 (612) | 2989 (1356) | 3175 (1440) | 4012 (1820) |
| 155 | 1550 (703) | 3100 (1406) | 3902 (1770) | 4012 (1820) |
| 175 | 1750 (794) | 3500 (1587) | 3461 (1570) | 4718 (2140) |
| 190 | 1900 (862) | 3800 (1723) | 3461 (1570) | 4718 (2140) |
| 205 | 2050 (930) | 4100 (1859) | 3461 (1570) | 4718 (2140) |
| 150T | 1500 (680) | 4334 (1966) | 3902 (1770) | 4012 (1820) |
| 190T | 1900 (862) | 5429 (2462) | 3461 (1570) | 4718 (2140) |
| 205T | 2050 (930) | 5857 (2656) | 3461 (1570) | 4718 (2140) |

HYDRAULICS - SMALL PLATFORM

In addition to the main hydrostatic drive pumps, there is a dedicated loader and attachments supply pump (auxiliary hydraulics circuit standard on all base models). High flow is optional on all models except the 135.

Pump Flow: 18.5 gpm (70 lpm) @ 2800 rpm engine speed
 Main relief pressure 3335 psi (230 bar)
 HYD HP Low Flow (36.0)*
 HYD HP High Flow (51.4)* *calculated

- Low lever efforts give excellent and easy control of transmission loader and attachments.
- Auxiliary hydraulics are actuated via the right hand controller giving progressive control of oil flow for precise attachment control (left hand controller location on optional 7 way multi-function joysticks).
- Loader arm hydraulic lines under protective steel guard on PowerBoom.
- Canister style, full flow, hydraulic oil filter.
- JCB engine oil for engine and chain case.
- JCB hydraulic oil.
- The optional High Flow circuit provides 26.4 gal/min (100 liters/min) pump flow to the front of the machine for operation of high capacity attachments such as trenchers and cold planers.

CAPACITIES - SMALL PLATFORM

| | gal (l) |
|--------------------------------------|-----------|
| Hydraulic System (including tank) | 11.1 (42) |
| Fuel Tank | 25.9 (98) |
| Engine Coolant | 4.0 (15) |
| Engine Oil | 2.6 (10) |
| LH Chaincase (wheeled machines only) | 2.0 (7.6) |
| RH Chaincase (wheeled machines only) | 2.0 (7.6) |

HYDRAULIC PERFORMANCE - LARGE PLATFORM

| Machine model | R.O.C lb (kg) | Tipping Load lb (kg) | Loader Lift lb (kg) | Bucket Tilt lb (kg) |
|---------------|---------------|----------------------|---------------------|---------------------|
| 225 | 2250 (1021) | 4908 (2226) | 5884 (2669) | 5699 (2585) |
| 260 | 2600 (1179) | 5448 (2471) | 5884 (2669) | 5699 (2585) |
| 280 | 2800 (1270) | 5608 (2543) | 5884 (2669) | 5699 (2585) |
| 300 | 3000 (1361) | 6024 (2732) | 5809 (2634) | 7187 (3260) |
| 330 | 3295 (1495) | 6590 (2989) | 5809 (2634) | 7187 (3260) |
| 225 T | 2250 (1021) | 6428 (2915) | 5884 (2669) | 5699 (2585) |
| 260 T | 2600 (1179) | 7991 (3624) | 5809 (2634) | 7187 (3260) |
| 300 T | 3000 (1361) | 8628 (3913) | 5809 (2634) | 7187 (3260) |
| 320 T | 3200 (1452) | 9145 (4148) | 5809 (2634) | 7187 (3260) |

HYDRAULICS - LARGE PLATFORM

In addition to the main hydrostatic drive pumps, there is a dedicated loader and attachments supply pump (auxiliary hydraulics circuit standard on all base models).

Pump Flow: 24 gpm (90 lpm) @ 2200 rpm engine speed
 Main relief pressure 3335 psi (230 bar)
 HYD HP Low Flow (46.7)*
 HYD HP High Flow (64.2)* *calculated

- Low lever efforts give excellent and easy control of transmission loader and attachments.
- Auxiliary hydraulics are actuated via the right hand controller giving progressive control of oil flow for precise attachment control.
- Loader arm hydraulic lines under protective steel guard on PowerBoom.
- Canister style, full flow, hydraulic oil filter.
- JCB engine oil for engine and chain case.
- JCB hydraulic oil.
- The optional High Flow circuit provides 33 gal/min (125 liters/min) pump flow to the front of the machine for operation of high capacity attachments such as trenchers and cold planers.

CAPACITIES - LARGE PLATFORM

| | gal (l) |
|--------------------------------------|------------|
| Hydraulic System (including tank) | 15.9 (60) |
| Fuel Tank | 27.2 (103) |
| Engine Coolant | 4.1 (15.5) |
| Engine Oil | 3.7 (14) |
| LH Chaincase (wheeled machines only) | 3.1 (11.7) |
| RH Chaincase (wheeled machines only) | 3.1 (11.7) |

ENGINE - SMALL PLATFORM

| | | 135 | 155/175/150T | 190/205/190T/205T |
|---|------------|---------------------|---------------------|---------------------|
| Model | | Kohler KDI 1903 TCR | Kohler KDI 1903 TCR | Kohler KDI 2504 TCR |
| Displacement | in3 (cm3) | 113.5 (1,860) | 113.5 (1,860) | 151.4 (2,481) |
| Fuel | | Diesel | Diesel | Diesel |
| Cooling | | Liquid | Liquid | Liquid |
| Aspiration | | Turbo | Turbo | Turbo |
| Gross Power @ 2800 rpm | | | | |
| SAE J1995 | hp (kW) | 48 (36) | 56 (42) | 62 (46) |
| Gross Torque @ 1200 rpm | | | | |
| SAE J1995 | lb/ft (Nm) | 165.9 (225) | 165.9 (225) | 221.2 (300) |
| Starter Motor | hp (kW) | 2.72 (2) | 2.72 (2) | 2.72 (2) |
| Battery | V/Ah | 12/109 | 12/109 | 12/109 |
| Alternator | amps | 80 | 100 | 100 |
| Emission Certification | | EPA-T4F (EU St3B) | EPA-T4F(EU St3B) | EPA-T4F(EU St3B) |
| Engine Oil Service Interval Hours | | 500 | 500 | 500 |
| Variable Speed Hydraulically Driven Fan | | YES | YES | YES |

CAPACITIES - SMALL PLATFORM

A full servo controlled hydrostatic transmission giving zero to maximum speed, both forward and reverse at full power. Independent transmission systems for both the left and right side, controlled through servo controls for both precise and easy operation. Transmission power system maintains full engine power availability maximizing loader and attachment control.

| Model | Single Speed | Two Speed |
|--------------------------------|--------------|-------------------------|
| | mph (km/h) | mph (km/h) / mph (km/h) |
| Travel Speeds 135: | 7.5 (12.0) | N/A |
| Travel Speeds 155/175/190/205: | 7.5 (12.0) | 5.6 (9.0) / 11.5 (18.5) |
| Travel Speeds 150T/190T/205T: | 6.2 (10.0) | 5.6 (9.0) / 7.8 (12.6) |

TIRES / TRACKS - SMALL PLATFORM

TIRES

Standard – 135/155 10 x 16.5 - 8 PR Standard Track Flotation

Standard – 175/190/205 10 x 16.5 x 8 PR Wide Track Flotation

Available Options – Standard Track - Wide Track
 Lifemaster Industrial Pneumatic
 31.5 / 13 x 16.5 Extra Flotation
 Brawler
 Solid Industrial

Flotation tires are fitted for most applications.

*For arduous conditions and hostile environments solid tires are recommended.

TRACKS

All Track Models
 12.6 in (320 mm) traction lug

ENGINE - LARGE PLATFORM

| | | 225/260/280/225T/260T/300/330/300T/320T |
|---|------------|---|
| Model | | EcoMAX TCAE-55 |
| Displacement in3 (cm3) | | 268 (4399) |
| Fuel | | Diesel |
| Cooling | | Water |
| Aspiration | | Turbo |
| Gross Power @ 2400 rpm | | |
| SAE J1995 | hp (kW) | 74 (55) |
| Gross Torque @ 1200 rpm | | |
| SAE J1995 | lb/ft (Nm) | 295 (400) |
| Starter Motor | hp (kW) | 5.63 (4.2) |
| Battery | V/Ah | 12 / 109 |
| Alternator | amps | 95 |
| Emission Certification | | EPA-T4F (EU St3B) |
| Engine Oil Service Interval Hours | | 500 |
| Variable Speed Hydraulically Driven Fan | | YES |

CAPACITIES - LARGE PLATFORM

A full servo controlled hydrostatic transmission giving zero to maximum speed, both forward and reverse at full power. Independent transmission systems for both the left and right side, controlled through servo controls for both precise and easy operation. Transmission power system maintains full engine power availability maximizing loader and attachment control.

| Model | Single Speed | Two Speed |
|------------------------------------|--------------|--------------------------|
| | mph (km/h) | mph (km/h) / mph (km/h) |
| Travel Speeds 225/260/280/300: | 6.8 (10.9) | 6.8 (10.9) / 12.4 (20) |
| Travel Speeds 330: | 7.3 (11.7) | 7.3 (11.7) / 13.5 (21.7) |
| Travel Speeds 225T/260T/300T/320T: | 5.7 (9.2) | 4.8 (7.7) / 7.8 (12.6) |

TIRES / TRACKS - LARGE PLATFORM

TIRES

Standard – 225/260/280/300 12 x 16.5 - 10 PR

Standard – 330 14 x 17.5 x 10 PR

Available Options – Standard Track - Wide Track
 Lifemaster Industrial Pneumatic
 33 / 15.5 x 16.5 Extra Flotation
 Brawler
 Solid Industrial

Flotation tires are fitted for most applications.

*For arduous conditions and hostile environments solid tires are recommended.

TRACKS

225T/260T
 12.6 in (320 mm) traction lug
 17.7 in (450 mm) traction lug

300T/320T
 17.7 in (450 mm) traction lug

SPECIFICATION

SKID STEER AND COMPACT TRACK LOADER

WEIGHT - SMALL PLATFORM

SAE Operating Weight

Fully operational with quickhitch, standard shovel, full fuel tank, open canopy + 165 lb (75 kg) operator:

| | | | | | |
|------------|-------------------|------------|-------------------|-------------|-------------------|
| 135 | 6153 lb (2791 kg) | 190 | 7054 lb (3200 kg) | 150T | 8137 lb (3691 kg) |
| 155 | 6355 lb (2883 kg) | 205 | 7297 lb (3310 kg) | 190T | 8355 lb (3790 kg) |
| 175 | 6724 lb (3050 kg) | | | 205T | 8734 lb (3962 kg) |

LIGHTING AND ELECTRICS- SMALL PLATFORM

12 V, negative ground system

1,000 cold cranking amp (CCA) battery

135 80 amp alternator Cab mounted instrument panel with ignition, fuel gauge, hour meter, and electronic throttle
155 and Above 100 amp alternator

Also incorporated into the instrument panel, is a warning light cluster which also has audible alarms for:

| | |
|--------------------------|---------------------|
| Low charge pressure | Blocked air filter |
| Engine water temperature | Engine oil pressure |
| Hydraulic oil pressure | Alternator |

Cab mounted fuse and relay box designed to keep dirt and water out;
IP 69 external connections; standard battery isolater.

STARNDARD EQUIPMENT - ALL MODELS

Isolation mounted canopy. ROPS and FOPS. Full audible and visual warning systems. Restraint activated safety system. Loader arm safety strut. Centrifugal dry type engine air filter with safety element. Mechanical quickhitch. Electronic hand throttle. Two front and one rear worklight. Emergency lower valve. Fuel gauge. Hydraulic park brake. Standard Flow auxliary hydraulics. Three way joysticks. Rear service access door. Tilting cab. Static seat in wheeled. Mechanical suspension in tracked. Float. Pod storage area. Cup holder. Power socket. Rear view mirror. Interior light. Battery isolater.

OPERATOR ENVIRNMENT - ALL MODELS

Full ROPS and Level 1 FOPS with optional Level 2 FOPS guard for demolition, full audio and visual warning system. Soundproofing gives noise levels complying with EC regulations. Cab access through side door due to JCB's PowerBoom design.

- Deluxe environment available in either open canopy, cab with heat, or cab with heat and A/C (155 and Above)
- Unequalled all-around visibility.
- Fully adjustable seat.
- Retractable seat belt fitted as standard.
- Drainage cover for easy drainage of cab.
- Full servo control with either standard (3 way) joysticks or optional JCB multi-function (7-way) joysticks.

WEIGHT - LARGE PLATFORM

SAE Operating Weight

Fully operational with quickhitch, standard shovel, full fuel tank, open canopy + 165 lb (75 kg) operator:

| | | | | | |
|------------|-------------------|------------|-------------------|-------------|---------------------|
| 225 | 7954 lb (3608 kg) | 300 | 9054 lb (4107 kg) | 225T | 10,216 lb (4634 kg) |
| 260 | 8232 lb (3734 kg) | 330 | 9354 lb (4243 kg) | 260T | 10,756 lb (4879 kg) |
| 280 | 8368 lb (3796 kg) | | | 300T | 11,287 lb (5120 kg) |
| | | | | 320T | 11,596 lb (5260 kg) |

LIGHTING AND ELECTRICS - LARGE PLATFORM

12 V, negative ground system

1,000 cold cranking amp (CCA) battery

95 amp alternator

Cab mounted instrument panel with ignition, fuel gauge, hour meter, and electronic throttle

Also incorporated into the instrument panel, is a warning light cluster which also has audible alarms for:

| | |
|--------------------------|---------------------|
| Low charge pressure | Blocked air filter |
| Engine water temperature | Engine oil pressure |
| Hydraulic oil pressure | Alternator |

Cab mounted fuse and relay box designed to keep dirt and water out;
IP 69 external connections; standard battery isolater.

OPTIONAL EQUIPMENT - ALL MODELS

Sealed and pressurized cab with heater/defroster. Air conditioning (155 and above). Mechanical and air suspension seats. Road lights. Beacon. Foot throttle. Fire extinguisher. Toolkit. Self leveling. Level 2 FOPS guard. Heavy-duty rear door guard. Front screen guard. High Flow auxiliary hydraulics (155 and above). Spark arrestor. Tooth guard. Powered quickhitch. Smooth Ride System (155 and above). Lexan screen. Radio. Twine cutter (wheeled units only). Three inch seat belt. Creep speed. ISO/H pattern changeover. Fenders. Reversing fan. Pre-cleaner.

CONTROLS - ALL MODELS

JCB servo control (ISO) pattern, provides all drive functions on left and loader function on right joystick. The left hand control pod pivots rearwards, providing unparalleled machine entry / exit.

ATTACHMENTS

Over 31 different families of attachments provides ultimate versatility. A brochure listing the full range of attachments is available.

VALUE ADDED.

JCB'S WORLDWIDE CUSTOMER SUPPORT IS FIRST CLASS. WHATEVER YOU NEED AND WHEREVER YOU ARE, WE'LL BE AVAILABLE QUICKLY AND EFFICIENTLY TO HELP MAKE SURE YOUR MACHINERY IS PERFORMING TO ITS FULL POTENTIAL.

1 Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.



2 The global network of JCB Parts Center is another model of efficiency; with 15 regional bases, we can deliver around 95% of all parts anywhere in the world within 24 hours. Our genuine JCB parts are designed to work in perfect harmony with your machine for optimum performance and productivity.



3 JCB Assetcare offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. Regardless of what you opt for, our maintenance teams around the world charge competitive labor rates, and offer non-obligation quotations as well as fast, efficient insurance repair work.



A few words about JCB



Sir Anthony Bamford, the son of Mr. JCB, still runs the company today.

A family company on a global scale

JCB is no ordinary company. From the dreams of one man, Joseph Cyril Bamford, we have grown into the world's largest privately owned construction equipment company by volume. Since 1945, the same attention to detail, passion for progress and family spirit has taken us from strength to strength. Nowadays, JCB operates across all five continents, manufacturing at 22 factories in the UK, Brazil, Germany, China, North America and India. With 1,500 dealerships and depots selling and supporting our products in over 150 countries, we are one of the top three manufacturers of construction equipment with some of the finest engineering facilities in the world.

A history of world-class innovation

Our business has always been driven by innovation, using only the most advanced technology, components and processes, meticulous design and rigorous testing. Evidence of this doesn't come much more powerful than our revolutionary JCB Dieselmix engine. Having grabbed the headlines when it smashed the world land speed record at 350.092 mph, it is now providing our customers with tomorrow's performance today.

Sustainability in all we do

As a manufacturer of working machinery, operating in both established and emerging markets, we accept the

challenge of helping to deliver economic and environmental sustainability. Product innovations that provide the right solutions to our customers have been a vital part of our history and will be key to our sustainable future. But in addition to developing cleaner and more efficient machines, we have a commitment to ensuring our manufacturing facilities meet the highest environmental standards.

A commitment to our customers that goes on

That's a fact we remind ourselves of constantly, and it's the reason our customers are at the heart of everything we do. Whatever a customer needs, we make it our mission to provide world-class support and 100% satisfaction. At the heart of this is a dedication to minimizing machine downtime. So our state-of-the-art World Parts Center dispatches more than a million genuine parts and attachments every week, with an 'Anywhere in 24 hours' strategy. Our JCB-trained technicians provide excellent, expert customer care, whether it's routine servicing or something more urgent.



Almost 1 out of every 2 backhoe loaders sold in the world is a JCB.

1940's



Joseph Cyril Bamford builds his first two-wheeled tipping trailer using a war-surplus Jeep axle and wheels in this rented garage in the United Kingdom.

1950's



JCB continues to expand its product line and moves its factory to larger quarters. By inventing the first backhoe loader, JCB revolutionizes the construction industry by giving contractors access to simple, powerful earthmovers.

1960's



JCB expands its factory, virtually doubling production capabilities. The company launches the forerunner of today's Jet Visit Program, acquiring an airplane and flying in customers for factory tours.

1970's



As demand for JCB products soars, the company exports its machines to Germany, Holland, Italy, Spain and Canada. JCB's Loadall Telescopic Handler revolutionizes the building industry by enabling bricks to be lifted on pallets.

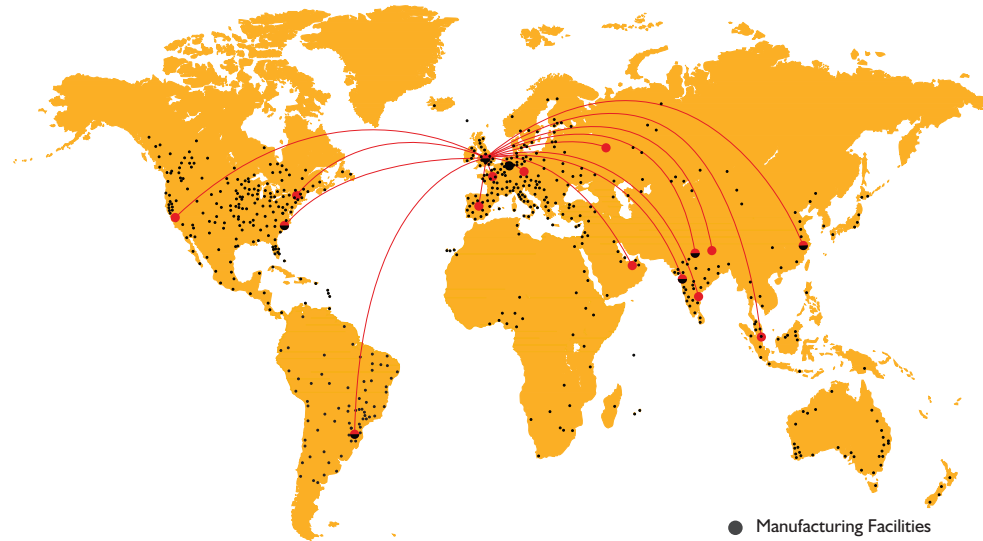


Built in 2000, the JCB North American Headquarters in Savannah, Georgia supports all United States and Canadian dealers and manufactures the world's safest skid steer and compact tracked loader.

JCB in North America

JCB has been in North America for over 40 years, but made a huge commitment to the market in 2000, when the North American business and manufacturing center was built in Savannah, Georgia. From this 500,000 square foot facility, JCB supports over 120 dealers in the United States and Canada, providing parts, training and expertise. The Savannah manufacturing floor produces the world's safest skid steer and compact tracked loader.

From Savannah, we are also proud to manufacture the High Mobility Engineer Excavator (HMEE), a high-speed fully armored backhoe loader currently in use by the U.S. Army.



- Manufacturing Facilities
- Parts Distribution Centers
- Dealers

To find out more about the full range of JCB construction equipment, and to find the dealer nearest you, please visit www.jcbna.com.



Built in Savannah, the fully armored JCB High Mobility Engineer Excavator (HMEE) is the world's toughest backhoe.

Protection comes standard

- Industry best standard 2-year warranty
- Includes 3-year structural warranty
- Full JCB machine range covered
- First year warranty covers unlimited hours, second year covers up to 2000 hours



JCB is committed to the best aftersales support in the industry. The 2 year standard warranty can be serviced by any authorized JCB dealership and is transferable during the standard 2 year period.

2 YEAR WARRANTY

1980's



JCB expands its product range to wheeled and tracked excavators. The company develops the first – and still the only – true, high-speed tractor, the Fastrac. JCB launches its telescopic handler in the U.S.

1990's



The revolutionary monoboom skid steer is introduced to the compact range of equipment, quickly heralded as the safest skid steer on the market because of its unique side-door entry.

2000's



JCB builds its North American headquarters near Savannah. The JCB Dieselmax engine breaks the land speed record. The company begins manufacturing its own diesel engines. The U.S. Army contracts 800 HMEES, to be built in Savannah.

Tomorrow

JCB's commitment to be 'Never Content' will remain. We will continue to develop innovative machines that will better help our customers get the job done. Our family of dealers will continue to grow, insuring you the world-class service and support no matter where you operate your JCB.



ONE COMPANY, OVER 300 MACHINES.

Your nearest JCB Dealer

JCB North American - Headquarters

Savannah, 2000 Bamford Blvd., Savannah, Georgia, 31322 Tel: (912) 447-2000

Download the very latest information on this product range at www.jcb.com

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