JS205 SC/LC Hydraulic Excavator

Engine Power: 104 kW (140 hp)  Bucket Capacity: 0.9 – 1.02m³  Operating Weight: 21000 – 21500kg
STRENGTH INSIDE AND OUT

BEFORE YOU BUY AN EXCAVATOR, YOU NEED TO KNOW IT’S GOING TO BE TOUGH ENOUGH TO PERFORM ANY JOB YOU ASK OF IT. FORTUNATELY, WITH A JCB JS205, STRENGTH AND DURABILITY COME AS STANDARD.

Boom and dipper
1. We’ve designed an all-new heavy-duty boom and dipper that’s made up of bigger sections for high durability and strength. Robust cast ends and pivot bosses make the new JS205’s boom and dipper extremely strong.
2. Our advanced manufacturing and assembly processes produce high precision and quality assembled components.

Componentry
JCB JS205s boast the best components in the industry, including Berco running gear, Kawasaki pumps, Cummins engine and Kayaba main control valves.

We use Finite Element Analysis with extensive rig and endurance testing to make key components last longer.
Structural strength

1. The new JS205 features a heavy-duty X-type frame with sloped side members to stop material build-up. Our Long Carriage version has a double-plate strengthened idler area.

2. A closed box section revolving frame increases strength and reduces stress. It is also highly resistant to impact damage.

3. The JS205’s high-strength rigid upper frame provides maximum durability and support.

4. Our stiff, durable door design gives great strength and rigidity.

5. We’ve fitted under belly guards on the lower frame to give additional protection to key components.

6. A damage protection plate and wear ribs on the dipper guard against external damage.

UNEARTHED: KEY FACT
The JCB JS205 turret is welded to both the upper and lower undercarriage frame.
MAXIMUM PRODUCTIVITY, MINIMUM SPEND

IT’S MORE IMPORTANT THAN EVER TO SAVE MONEY AND TIME; THE JCB JS205 RANGE IS DESIGNED TO MAKE THE MOST OF BOTH.

Upping output
1 A bucket tearout of 13205Kgf and a dipper tearout of 11700Kgf mean the JS205 can really get the job done quickly, even in very hard strata.
2 Simultaneous tracking and excavating is smooth and fast with an intuitive multifunction operation.

Efficiency
The new JS205 is highly fuel efficient, courtesy of JCB’s advanced hydraulic system – this only uses as much power as it requires.

1 Optimised hydraulic pump settings and a revised spool configuration within the main valve block, only delivers the required oil flow, preventing wasted energy.
2 The proven and efficient Cummins engine is designed and developed to work in hot and dusty conditions making it reliable and durable.

With two operating modes, you can optimise both power and economy on the JS205. Economy mode saves fuel without sacrificing too much performance, while Power mode provides increased engine power and pump flow for fast, high output operations.
Stability, hydraulics and attachments

1. JCB’s innovative hydraulic regeneration system means oil is recycled across the cylinders for faster cycle times and reduced fuel consumption.

2. For versatility, JCB offers auxiliary pipework for hammers.

3. A JCB JS205 has cushioned boom and dipper ends to prevent shock loadings, protect your machine and increase operator comfort.

4. A JCB JS205 has a solid, stable work platform for fast cycle times.
A COMFORTABLE FAVOURITE

WE’VE DESIGNED THE JCB JS205 TO BE COMFORTABLE, ERGONOMIC, SIMPLE AND INTUITIVE TO OPERATE. WHICH IS GOOD FOR YOUR OPERATORS BUT EVEN BETTER FOR YOU; AFTER ALL, GREAT EASE OF USE EQUALS GREAT PRODUCTIVITY.

Visibly better

1. JCB JS205s have excellent all round visibility allowing a safe working environment.

2. Visibility is enhanced with the additional glass provided at the top corner for high visibility whilst working at heights.

3. The JS205 range’s distinctive low bonnet line gives excellent rear visibility.
Comfortably in control

1. Light, intuitive and smooth controls improve comfort and productivity.

Even more comfort

2. The cab of a JS205 is a comfortable, and therefore productive, place to be, with a rear stowage box, bottle holder and file holder.

3. JCB JS205 cabs use 6 viscous rubber mounts to minimise noise and vibration.

4. A large floor area with large high grip pedals give easy and precise tracking.

5. We’ve fitted the new JS205 with an all-day comfy fully adjustable deluxe seat that boasts hand recline rests.

6. An opening roof hatch and rear sliding window provide excellent ventilation.

7. Air conditioning is available as an option.

The JS205’s cab and controls are independently adjustable so that it’s easy to find the perfect operating position.
WE’VE DESIGNED JCB JS205S TO BE LOW MAINTENANCE AND EASILY SERVICEABLE. WHICH MAKES THEM AFFORDABLE, EFFICIENT AND HIGHLY PRODUCTIVE. HELPING YOU GET THE BEST SERVICE FROM YOUR MACHINE.

Easy does it

1. Replacing the air filter element of a JS205 is easy; a radial seal provides error-free sealing on installation. Meanwhile, wire mesh elements make for easy storage, handling and cleaning.

2. The filters on a JCB JS205 (engine oil, hydraulic oil and fuel) are centrally located for fast, easy servicing.

3. JCB’s Plexus Oil Filter System extends oil life to 5000hrs by constantly filtering hydraulic fluid down to 1.5 microns, reducing risk of contamination.

By using graphite impregnated bronze bushes, we’ve reduced the JS205’s boom and dipper greasing intervals to 1000 hours for normal applications.
To keep downtime to a minimum, the new JS205’s high capacity fuel pre-filter also acts as a water separator, catching dust and impurities and helping to avoid blockages in the main fuel filters.

Equipment safety – audio and visual alerts provided in instrument panel for: low coolant level; air filter clog; high hydraulic oil temperature.

Because they’re mounted side by side on a JCB JS200, the engine radiator, hydraulic cooler and intercooler can be serviced individually yet cleaned easily.

An air pre-cleaner assembly keeps dust particles out of the cab and reduces maintenance costs by increasing the life of the air filter and the engine.

### Service Intervals

<table>
<thead>
<tr>
<th>Service Item</th>
<th>Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine oil and oil filter</td>
<td>Every 250 hours</td>
</tr>
<tr>
<td>Hydraulic oil</td>
<td>Every 5000 hours</td>
</tr>
<tr>
<td>Hydraulic oil filter</td>
<td>Every 500 hours</td>
</tr>
</tbody>
</table>

**UNEARTHED: KEY FACT**

JCB JS205 grease points are centralised for safe and easy access to high level pivots.

JCB JS205 bonnets open and close easily with gas-assisted cylinders, and the service bays are large and wide for good access.

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**JS205 SC/LC HYDRAULIC EXCAVATOR**

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LIVELINK, WORK SMARTER

LIVELINK IS AN INNOVATIVE SOFTWARE SYSTEM THAT LETS YOU MANAGE JCB MACHINES REMOTELY – ONLINE, BY EMAIL OR BY MOBILE PHONE. ACCESS EVERYTHING FROM MACHINE ALERTS AND HISTORY INFORMATION, WITH ALL DATA STORED AT A SECURE CENTRE.

Manage machine maintenance easily
Manage machine maintenance easily – accurate hours monitoring and service alerts improve maintenance planning, while real-time location data helps you manage your fleet. Critical machine alerts and maintenance history records are also available.

Security benefits
Livelink’s real-time geofencing alerts tell you when machines move out of predetermined zones, and real-time curfew alerts inform you of unauthorised usage.
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 Centres 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. Irrespective of what you opt for, our maintenance teams around the world charge competitive labour rates, and offer non-obligation quotations as well as fast, efficient insurance repair work.

Note: JCB LIVELINK and JCB ASSETCARE may not be available in your region, so please check with your local dealer.
**STATIC DIMENSIONS**

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>JS205LC</th>
<th>JS205</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(LC track, 600mm track shoe)</td>
<td>(Std track, 800mm track shoe)</td>
</tr>
<tr>
<td></td>
<td>2.4m arm</td>
<td>3m arm</td>
</tr>
<tr>
<td>A Track length on ground</td>
<td>3660</td>
<td>3660</td>
</tr>
<tr>
<td>B Undercarriage overall length</td>
<td>4460</td>
<td>4460</td>
</tr>
<tr>
<td>C Track gauge</td>
<td>2390</td>
<td>2390</td>
</tr>
<tr>
<td>D Width over tracks</td>
<td>2990</td>
<td>2990</td>
</tr>
</tbody>
</table>

**Dipper lengths**

<table>
<thead>
<tr>
<th></th>
<th>JS205LC</th>
<th>JS205</th>
</tr>
</thead>
<tbody>
<tr>
<td>E Transport length with Monoboom and arm</td>
<td>9634</td>
<td>9562</td>
</tr>
<tr>
<td>F Transport height with Monoboom and dipper</td>
<td>3122</td>
<td>3122</td>
</tr>
</tbody>
</table>

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>JS205LC</th>
<th>JS205</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(LC track, 600mm track shoe)</td>
<td>(Std track, 800mm track shoe)</td>
</tr>
<tr>
<td></td>
<td>2.4m arm</td>
<td>3m arm</td>
</tr>
<tr>
<td>G Counterweight clearance</td>
<td>1079</td>
<td>1079</td>
</tr>
<tr>
<td>H Tailswing radius</td>
<td>2825</td>
<td>2825</td>
</tr>
<tr>
<td>I Width of superstructure</td>
<td>2549</td>
<td>2549</td>
</tr>
<tr>
<td>J Height over cab</td>
<td>3060</td>
<td>3060</td>
</tr>
<tr>
<td>L Ground clearance</td>
<td>435</td>
<td>435</td>
</tr>
<tr>
<td>M Track height</td>
<td>885</td>
<td>885</td>
</tr>
</tbody>
</table>

*Machine in transport position

**ENGINE**

| Model | CUMMINS 6BT 5.9C |
| Type | Water Cooled, 4 stroke, 6-cylinder in-line, direct injection, turbocharged diesel |
| Nett power | Gross power: 104 kW (140 hp) |
| Piston displacement | 5.88 litres |
| Air filtration | Dry element with secondary safety element plus air pre-cleaner |
| Cooling | Water cooled via large capacity radiator |
| Starting system | 24 volt |
| Alternator | 24 V, 75 amp, Heavy duty |

**UNDERCARRIAGE**

| Track shoe | 600 / 800mm |
| Upper & lower rollers | Heat treated, sealed and lubricated |
| Track adjustment | Grease cylinder type |
| Track idler | Sealed and lubricated, with spring enhanced recoil |
| No. of track guides | 2 per side |
| No. of lower rollers | 8 Per side (JS205LC), 7 per side (JS205SC) |
| No. of upper rollers | 2 per side |
| No. of track shoes | 49 per side (JS205LC), 46 per side (JS205SC) |

**SERVICE CAPACITIES**

<table>
<thead>
<tr>
<th>Machine model</th>
<th>Litres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel tank</td>
<td>343</td>
</tr>
<tr>
<td>Engine coolant</td>
<td>25.5</td>
</tr>
<tr>
<td>Engine oil</td>
<td>19</td>
</tr>
<tr>
<td>Hydraulic system</td>
<td>203</td>
</tr>
<tr>
<td>Hydraulic tank</td>
<td>120</td>
</tr>
<tr>
<td>Swing device</td>
<td>5</td>
</tr>
<tr>
<td>Travel device</td>
<td>2 x 5</td>
</tr>
</tbody>
</table>

**WEIGHTS AND GROUND BEARING PRESSURES**

<table>
<thead>
<tr>
<th></th>
<th>JS205SC</th>
<th>JS205LC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Weight</td>
<td>21000 kg</td>
<td>21500 kg</td>
</tr>
<tr>
<td>Ground bearing pressure</td>
<td>0.39 kg/sq cm</td>
<td>0.49 kg/sq cm</td>
</tr>
</tbody>
</table>
### TRACK DRIVE

<table>
<thead>
<tr>
<th>Type</th>
<th>Fully hydrostatic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel motors</td>
<td>Axial piston type, fully guarded within undercarriage frame</td>
</tr>
<tr>
<td>Final drive</td>
<td>Planetary reduction, bolt-on sprackets</td>
</tr>
<tr>
<td>Service brake</td>
<td>Hydraulic counter balance valve to prevent speeding on gradients</td>
</tr>
<tr>
<td>Park brake</td>
<td>Disc type, spring applied, automatic hydraulic release</td>
</tr>
<tr>
<td>Gradeability</td>
<td>70% (35 deg.) continuous</td>
</tr>
<tr>
<td>Travel speed</td>
<td>3.8 kph</td>
</tr>
<tr>
<td>Tractive effort</td>
<td>166 kN</td>
</tr>
</tbody>
</table>

### HYDRAULIC SYSTEM

<table>
<thead>
<tr>
<th>Pumps</th>
<th>2 variable displacement axial piston type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum flow</td>
<td>2 x 220 L/min</td>
</tr>
<tr>
<td>Servo pump</td>
<td>Gear type</td>
</tr>
<tr>
<td>Maximum flow</td>
<td>20 L/min</td>
</tr>
<tr>
<td>Control valve</td>
<td>A combined four and five spool control valve with auxiliary service spool as standard</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Relief valve settings</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom/Arm/Bucket</td>
<td>343 bar</td>
</tr>
<tr>
<td>Swing circuit</td>
<td>289 bar</td>
</tr>
<tr>
<td>Travel circuit</td>
<td>343 bar</td>
</tr>
<tr>
<td>Pilot control</td>
<td>40 bar</td>
</tr>
</tbody>
</table>

### SWING SYSTEM

<table>
<thead>
<tr>
<th>Swing motor</th>
<th>Axial piston type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swing brake</td>
<td>Hydraulic braking, electrically operated spring applied disc type parking brake</td>
</tr>
<tr>
<td>Final drive</td>
<td>Planetary reduction</td>
</tr>
<tr>
<td>Swing torque</td>
<td>65.2 kN</td>
</tr>
<tr>
<td>Swing gear</td>
<td>Large diameter, internally toothed fully sealed grease bath lubricated.</td>
</tr>
<tr>
<td>Swing speed</td>
<td>12 RPM</td>
</tr>
</tbody>
</table>

### CAB & CAB GUARD


### STANDARD / OPTIONAL EQUIPMENT

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Standard/Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto-lader</td>
<td>Standard</td>
</tr>
<tr>
<td>Work lights: 1 each on boom and main frame</td>
<td>Standard</td>
</tr>
<tr>
<td>Additional lights: 2 nos. on cab &amp; 1 no. on Counterweight</td>
<td>Standard</td>
</tr>
<tr>
<td>Windscreen wiper</td>
<td>Standard</td>
</tr>
<tr>
<td>Engine fan guard</td>
<td>Standard</td>
</tr>
<tr>
<td>Undercarriage belly guarding</td>
<td>Standard</td>
</tr>
<tr>
<td>Upper structure under covers</td>
<td>Standard</td>
</tr>
<tr>
<td>Engine pre-cleaner</td>
<td>Standard</td>
</tr>
<tr>
<td>Double element radial type air cleaner with wire mesh protection</td>
<td>Standard</td>
</tr>
<tr>
<td>Heavy-duty alternator (75 amp)</td>
<td>Standard</td>
</tr>
<tr>
<td>Cabin fan</td>
<td>Standard</td>
</tr>
<tr>
<td>Suspension seat</td>
<td>Standard</td>
</tr>
<tr>
<td>Cab floor mat</td>
<td>Standard</td>
</tr>
<tr>
<td>Rubber covered track pedals</td>
<td>Standard</td>
</tr>
<tr>
<td>Removable front lower cab glass</td>
<td>Standard</td>
</tr>
<tr>
<td>Hammer pipe mounting brackets</td>
<td>Standard</td>
</tr>
<tr>
<td>Tool kit</td>
<td>Standard</td>
</tr>
<tr>
<td>Handrail and nonslip walk ways</td>
<td>Standard</td>
</tr>
<tr>
<td>Radiator fly screen</td>
<td>Standard</td>
</tr>
<tr>
<td>FM radio and music player with speakers</td>
<td>Optional</td>
</tr>
<tr>
<td>Fully ducted air conditioner unit with heater</td>
<td>Optional</td>
</tr>
<tr>
<td>Cabin guard (front/top)</td>
<td>Optional</td>
</tr>
<tr>
<td>Rock breaker pipe work</td>
<td>Optional</td>
</tr>
<tr>
<td>General purpose buckets (0.9 cum, 1.02 cum)</td>
<td>Optional</td>
</tr>
<tr>
<td>First aid kit</td>
<td>Optional</td>
</tr>
<tr>
<td>Fire extinguisher</td>
<td>Optional</td>
</tr>
<tr>
<td>3m arm</td>
<td>Optional</td>
</tr>
</tbody>
</table>
**SPECIFICATION JS205 SC/LC HYDRAULIC EXCAVATOR**

### FILTRATION SYSTEM

| In tank | 150 micron, suction strainer. |
| Main return line | 10 micron, fibre form element. |
| Flexus bypass line | 1.5 micron, paper element. |
| Pilot line | 10 micron, paper element. |
| Hydraulic hammer return | 10 micron, reinforced microform element. |
| **Cooling** | Worldwide cooling is provided via a full return line air blast cooler with anti-block wavy cooling fins. Fly mesh provided to avoid clogging of radiator and cooler fins. |

### EXCAVATOR BUCKET

<table>
<thead>
<tr>
<th>Bucket</th>
<th>Toe plate width (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.9 cum (GP)</td>
<td>1198</td>
</tr>
<tr>
<td>1.02 cum (GP)</td>
<td>1350</td>
</tr>
</tbody>
</table>

### TRAVEL SPEED & TRACTIVE EFFORT

| Travel speed | 3.8 km/h |
| Ttractive force | 166 KN |

### WORKING RANGE

<table>
<thead>
<tr>
<th>JS205LC / JS205</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Boom length:</strong></td>
</tr>
<tr>
<td><strong>Dipper length:</strong></td>
</tr>
<tr>
<td>A Maximum digging reach</td>
</tr>
<tr>
<td>B Maximum digging reach (on ground)</td>
</tr>
<tr>
<td>C Maximum digging depth</td>
</tr>
<tr>
<td>D Maximum digging height</td>
</tr>
<tr>
<td>E Maximum dumping height</td>
</tr>
<tr>
<td>F Maximum vertical wall cut depth</td>
</tr>
<tr>
<td>G Minimum swing radius</td>
</tr>
<tr>
<td><strong>Bucket rotation</strong></td>
</tr>
<tr>
<td><strong>Maximum dipper tearout (ISO 6015)</strong></td>
</tr>
<tr>
<td><strong>Maximum bucket tearout (ISO 6015)</strong></td>
</tr>
</tbody>
</table>
### JS205 LC Lift Capacities: Arm 2.4M, Tracks: 49 Links, Track Shoes: 600MM, Without Bucket

<table>
<thead>
<tr>
<th>Reach</th>
<th>Load Point Ht.</th>
<th>3m</th>
<th>4.5m</th>
<th>6m</th>
<th>7.5m</th>
<th>Capacity at Max Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5m</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
</tr>
<tr>
<td>6.0m</td>
<td>7624*</td>
<td>7427</td>
<td>6573*</td>
<td>4775</td>
<td>4786*</td>
<td>3346</td>
</tr>
<tr>
<td>4.5m</td>
<td>9624*</td>
<td>6864</td>
<td>7250</td>
<td>4539</td>
<td>5134</td>
<td>3264</td>
</tr>
<tr>
<td>3.0m</td>
<td>11036</td>
<td>6144</td>
<td>6999</td>
<td>4317</td>
<td>5023</td>
<td>3163</td>
</tr>
<tr>
<td>1.5m</td>
<td>10789</td>
<td>6210</td>
<td>6837</td>
<td>4174</td>
<td>4949</td>
<td>3096</td>
</tr>
<tr>
<td>0m</td>
<td>10531*</td>
<td>10531*</td>
<td>10753</td>
<td>6175</td>
<td>6789</td>
<td>4134</td>
</tr>
<tr>
<td>– 1.5m</td>
<td>14788*</td>
<td>12217</td>
<td>10778*</td>
<td>6279</td>
<td>6882</td>
<td>4214</td>
</tr>
<tr>
<td>– 3.0m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7449*</td>
</tr>
<tr>
<td>– 4.5m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4711</td>
</tr>
</tbody>
</table>

### JS205 Lift Capacities: Arm 3M, Tracks: 49 Links, Track Shoes: 600MM, Without Bucket

<table>
<thead>
<tr>
<th>Reach</th>
<th>Load Point Ht.</th>
<th>3m</th>
<th>4.5m</th>
<th>6m</th>
<th>7m</th>
<th>Capacity at Max Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5m</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
</tr>
<tr>
<td>6.0m</td>
<td>8795*</td>
<td>6931</td>
<td>6992*</td>
<td>4514</td>
<td>5090</td>
<td>3214</td>
</tr>
<tr>
<td>4.5m</td>
<td>10714*</td>
<td>6399</td>
<td>6945</td>
<td>4256</td>
<td>4949</td>
<td>3084</td>
</tr>
<tr>
<td>3.0m</td>
<td>10680</td>
<td>6098</td>
<td>6736</td>
<td>4071</td>
<td>4840</td>
<td>2986</td>
</tr>
<tr>
<td>1.5m</td>
<td>9085*</td>
<td>9085*</td>
<td>10562</td>
<td>6000</td>
<td>6640</td>
<td>3986</td>
</tr>
<tr>
<td>0m</td>
<td>11815</td>
<td>11815</td>
<td>10618</td>
<td>6047</td>
<td>6669</td>
<td>4012</td>
</tr>
<tr>
<td>– 1.5m</td>
<td>15226*</td>
<td>11815</td>
<td>10618</td>
<td>6047</td>
<td>6669</td>
<td>4012</td>
</tr>
<tr>
<td>– 3.0m</td>
<td>13221*</td>
<td>12180</td>
<td>9478*</td>
<td>6252</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– 4.5m</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### JS205 Lift Capacities: Arm 3M, Tracks: 46 Links, Track Shoes: 800MM, Without Bucket

<table>
<thead>
<tr>
<th>Reach</th>
<th>Load Point Ht.</th>
<th>3m</th>
<th>4.5m</th>
<th>6m</th>
<th>7.5m</th>
<th>Capacity at Max Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5m</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
</tr>
<tr>
<td>6.0m</td>
<td>8795*</td>
<td>6147</td>
<td>6430</td>
<td>4029</td>
<td>4545</td>
<td>2866</td>
</tr>
<tr>
<td>4.5m</td>
<td>9609*</td>
<td>5633</td>
<td>6148</td>
<td>3776</td>
<td>4007</td>
<td>2739</td>
</tr>
<tr>
<td>3.0m</td>
<td>9265</td>
<td>5342</td>
<td>5945</td>
<td>3595</td>
<td>4301</td>
<td>2642</td>
</tr>
<tr>
<td>1.5m</td>
<td>9085*</td>
<td>9085*</td>
<td>9153</td>
<td>5247</td>
<td>5853</td>
<td>3513</td>
</tr>
<tr>
<td>0m</td>
<td>15226*</td>
<td>10094</td>
<td>9206</td>
<td>5293</td>
<td>5881</td>
<td>3538</td>
</tr>
<tr>
<td>– 1.5m</td>
<td>13221*</td>
<td>10438</td>
<td>9441</td>
<td>5491</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
1. For lifting capacity including bucket, subtract total weight of bucket or bucket and quickhitch from above values.
2. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
3. Lift capacities assume that the machine is on firm, level ground.
4. Lift capacities may be limited by local regulations. Please refer to your dealer.

"All dimensions, weights, timings, features & measures mentioned in the brochure could have variance. JCB reserves the right to change specification without prior notice."
JS205 SC/LC Hydraulic Excavator

Engine Power: 104 kW (140 hp)
Bucket Capacity: 0.9 – 1.02m³
Operating Weight: 21000 – 21500kg