Smooth, precise, versatile

Working at height has never been so easy

When you need to get your people up to inaccessible areas, you need a combination of flexibility and safety; you need a JCB aerial platform.

Our work platforms can be specified on JCB 540-140 and 540-170 Loadalls, enabling personnel working heights from 14 to 18.12 metres. Combine this with three platform options of 2.5m fixed, 2.5m to 4m extending, and 2.5m to 4m extending incorporating close-coupled 180º slewing and you can see that we have every access need covered.

All JCB work platforms offer a 300kg payload* with full radio remote control, allowing unhindered machine working with no cables to protect for consummate reliability and machine uptime. By using a uniquely encoded signal, communication between the work platform and the machine is constantly maintained resulting in seamless, safe operation.

Platform movements are extremely smooth and precise thanks to proportional, electrohydraulic control of all normal lifting functions and selectable engine rpm control. This latter feature gives idle, pre-set and automatic functions; in auto mode engine rpm automatically rises from idle to the preset speed only when a movement of the platform is selected, allowing accurate, responsive movements and low noise and fuel use.

In addition, front-end auxiliary services can be operated from the platform to provide either platform slewing or hydraulic power for other attachments.

*300kg max payload, when occupied with up to two people plus equipment
Nothing is more important than the safety of your people

Which is why we put them first

Working at height requires 100% trust in your equipment. We pay close attention to safety details to give you peace of mind that your workforce are fully protected.

The safety devices on all aerial work platforms include interlocks on the park brake, stabilisers and single key remote activation.

Using a single key to transfer control from ‘machine’ to ‘platform’ mode ensures the operator maintains control at all times - there is no danger of someone getting into the cab and starting the engine with personnel in the platform. Once the key has been removed from the machine cab, the only function that can be operated from the ground is the emergency ‘getdown’ facility.

This ‘getdown’ feature uses an integrated, electrically-driven pump to quickly and easily lower and retract the platform to ground level – an emergency backup feature in the event of the machine running out of diesel.

In addition, a built-in motion control system protects the work platform against forward overload, and all platform and machine combinations conform to harmonised European standard EN280 for complete peace of mind.

Platform options range from 2.5m fixed to 2.5m to 4m extending, allowing easy transport around site and on the road. Close-coupled 180° slewing can be specified on the larger platform to allow even greater flexibility.
<table>
<thead>
<tr>
<th>Max. lift height (m)</th>
<th>Max. forward reach (m)</th>
<th>Rated capacity (kg)</th>
<th>Max. forward reach (slewed platform) (m)</th>
<th>Personnel work height (m)</th>
<th>Max. forward reach (slewed platform) (m)</th>
<th>Rated capacity (kg)</th>
<th>2.5m Fixed basket</th>
<th>2.5m-4m Extending basket</th>
<th>2.5m-4m Extending &amp; slewing basket</th>
<th>Radio control</th>
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<tbody>
<tr>
<td><strong>STANDARD MACHINE</strong></td>
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<td>540-140</td>
<td>13.8</td>
<td>9.52</td>
<td>4000</td>
<td>15.11</td>
<td>9.77 (11.46)</td>
<td>300</td>
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<tr>
<td>540-170</td>
<td>16.7</td>
<td>12.5</td>
<td>4000</td>
<td>18.12</td>
<td>11.43 (11.49)</td>
<td>300</td>
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○ = Optional  ● = Standard
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 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 17 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 Dieselmax engine. Having grabbed the headlines when it smashed the world diesel land-speed record at 350.092mph, 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 and 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 minimising machine downtime. So our state-of-the-art World Parts Centre 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. And we are constantly looking at new, innovative ways to help you get the most out of your machine.