

SPECIFICATION



TRACKED EXCAVATOR | 245XR

Engine Power: 173 hp (129kW) Operating weight: 55,742 lbs (25,284 kg) - 61,749 lbs (28,009 kg) Bucket capacity: 0.46 y³ (0.35 m³) - 1.64 y³ (1.25 m³)



MINIMUM SWING. MAXIMUM SPACE.

The new JCB 245XR is the latest addition to our highly acclaimed X SERIES. Our engineering teams have obsessed over every detail of this new world-class excavator and produced a machine that boasts a reduced slewing radius, without any compromise on cab space or performance.

MINIMUM SWING.

At just 1,720mm, the 245XR has a 40% shorter tailswing than the conventional 220X making it ideal for contractors working in confined urban sites.



MAXIMUM SPACE.

Despite having reduced tail swing, the new 245XR still boasts one of the biggest, most comfortable, quiet and easy to operate cabs on the market.

EXTREME STRENGTH.

It's taken extensive hydraulic, electrical and structural development and testing to build you a machine that doesn't just look strong, but is strong.



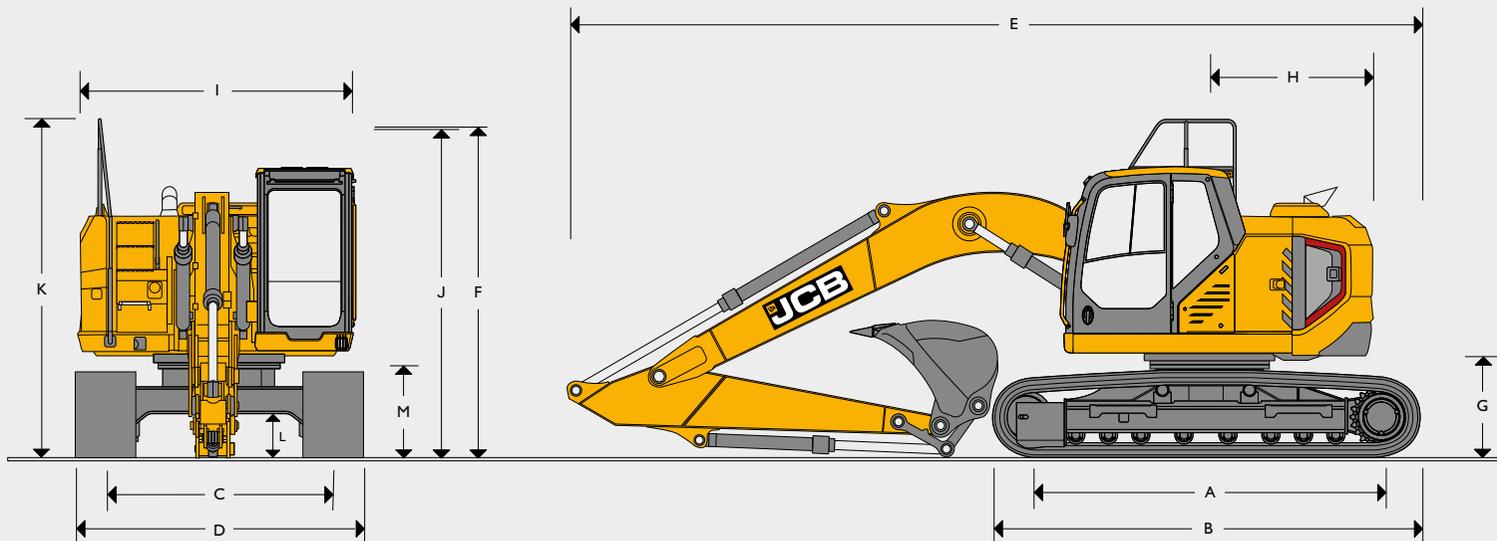
EXTRAORDINARY ATTENTION TO DETAIL.

The 245XR follows the same high quality X Series design ethos and utilises cutting-edge production facilities to bring you not just great excavators, but exceptional ones.

EXCELLENT CONTROL.

Proven Japanese components deliver precise, efficient control. Customisable electro-proportional controls allow operators to set their preference of speed and control of attachments.

STATIC DIMENSIONS



STATIC DIMENSIONS

| Model | | 245 XR | |
|---------------------------------|--|-------------------|-------------------|
| A | Track length on ground | ft-in (mm) | 12-0 (3,660) |
| B | Undercarriage overall length | ft-in (mm) | 14-8 (4,469) |
| C | Track Gauge | ft-in (mm) | 7-10 (2,390) |
| D | Width over tracks (600mm track shoes) | ft-in (mm) | 9-10 (2,990) |
| D | Width over tracks (700mm track shoes) | ft-in (mm) | 10-2 (3,090) |
| D | Width over tracks (800mm track shoes) | ft-in (mm) | 10-6 (3,190) |
| D | Width over tracks (900mm track shoes) | ft-in (mm) | 10-10 (3,290) |
| G | Counterweight clearance | ft-in (mm) | 3-6 (1,069) |
| H | Tail length | ft-in (mm) | 5-8 (1,720) |
| I | Overall width of superstructure | ft-in (mm) | 9-6 (2,889) |
| I | Overall width of superstructure (with Cab Grab Handle) | ft-in (mm) | 9-7 (2,912) |
| J | Height over cab | ft-in (mm) | 9-11 (3,031) |
| K | Ground clearance | ft-in (mm) | 1-7 (486) |
| L | Track height | ft-in (mm) | 2-11 (899) |
| M | Tail swing radius | ft-in (mm) | 5-8 (1,720) |
| N | Overall height of upper structure with std. handrail | ft-in (mm) | 11-7 (3,537) |
| N | Overall height to folded handrail | ft-in (mm) | 10-2 (3,092) |
| | | Mono | |
| Dipper lengths ft-in (m) | | 7-10 (2.4) | 9-10 (3.0) |
| E | Transport length | ft-in (mm) | 29-10 (9,084) |
| F | Transport height with Std Handrail | ft-in (mm) | 11-7 (3,537) |
| F | Transport height with Folding Handrail | ft-in (mm) | 10-3 (3,127) |
| | | | 10-2 (3,092) |

ENGINE

| | |
|---------------------|---|
| Model | JCB EcoMAX 448 Stage IV |
| Type | 4 stroke, 4 cylinder in-line, direct injection, turbocharged diesel |
| Rated Power | 173 hp (129kW) |
| Piston Displacement | 1.27 gal (4.8 litres) |
| Air Filtration | dry element with in cab warning indicator |
| Starting System | 24 volt |
| Batteries | 2 x 12 volt |
| Alternator | 28 volt - 100 ampere |
| Maximum Torque | 509 lbf @ 1500 rpm (690 Nm @ 1500 rpm) |
| Bore & Stroke | 4.17 x 5.31 in (106 x 135mm) |

SWING SYSTEM

| | |
|--------------|---|
| Swing motor | Axial Piston type |
| Swing Brake | Hydraulic braking plus automatic spring applied disc type parking brake |
| Swing torque | 18,322 lbf (81.5 kNm) |
| Swing speed | 10.4 rpm |
| Swing gear | Large diameter, internally toothed fully sealed grease bath lubricated. |
| Swing lock | Switchable brake in cab |

TRACK DRIVE

| | |
|-----------------|--|
| Type | Fully hydrostatic, two speed with autoshift |
| Travel motors | Variable swash axial piston type, fully guarded within undercarriage frame |
| Final drive | Planetary reduction, bolt-on sprockets |
| Service brake | Hydraulic counter balance valve |
| Park brake | Disc type, spring applied, automatic hydraulic release |
| Gradeability | 70% (35°) continuous |
| Travel speed | High - 3.54 mph (5.7 km/h) Low - 1.99 mph (3.2 km/h) |
| Tractive effort | 46,648 lbf (207.5 kN) |

SERVICE CAPACITIES

| | | |
|-------------------------------------|---------|------------|
| Fuel tank | gal (l) | 81.9 (310) |
| Engine coolant | gal (l) | 7.1 (27) |
| Engine oil | gal (l) | 5.4 (20.4) |
| Swing reduction gear | gal (l) | 2.9 (11) |
| Track reduction gear (each side) | gal (l) | 0.9 (3.5) |
| Hydraulic system | gal (l) | 66.0 (250) |
| Hydraulic tank | gal (l) | 31.7 (120) |
| DEF fluid capacity (if applicable.) | gal (l) | 8.3 (31.4) |

HYDRAULIC SYSTEM**Pumps**

| | |
|-------------------------|---|
| Main pumps | 2 variable displacement axial piston type |
| Maximum flow | 2 x 60.23 gpm (228 l/min) |
| Servo pump | Gear type |
| Servo pump maximum flow | 4.23 gpm (16 l/min) |

Control valve

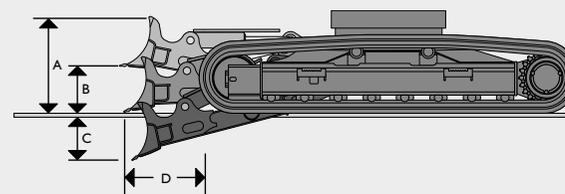
A combined four and five spool control valve with auxiliary service spool as standard

Relief valve settings

| | |
|------------------|---------------------|
| Boom/Arm/Bucket | 4,975 psi (343 bar) |
| With power boost | 5,410 psi (373 bar) |
| Swing circuit | 4,061 psi (280 bar) |
| Travel circuit | 4,975 psi (343 bar) |
| Pilot control | 566 psi (39 bar) |

Filtration

| | |
|-------------------------|---|
| In tank | 105 micron, suction strainer |
| Main return line | 10 micron, glass fibre element |
| Pilot line | 10 micron, glass fibre element |
| Hydraulic hammer return | 10 micron, reinforced microform element |

OPTIONAL BLADE

| | | | |
|---|--------------------------------|------------|--------------|
| A | Blade Height | ft-in (mm) | 2-0 (600) |
| B | Blade lift above ground | ft-in (mm) | 1-8 (500) |
| C | Blade cut below ground | ft-in (mm) | 1-2 (360) |
| D | Blade forward of track | ft-in (mm) | 1-10 (567) |
| | Dozer width - (2ft 0in, 600mm) | ft-in (mm) | 9-10 (2,990) |
| | Dozer width - (2ft 4in, 700mm) | ft-in (mm) | 10-2 (3,110) |

Additional machine weight with blade

| | | |
|--------------|----------|---------------|
| 600mm tracks | lbs (kg) | 3,501 (1,588) |
| 700mm tracks | lbs (kg) | 3,532 (1,602) |

SOUND LEVEL

| | |
|--|------------|
| Sound level in cab according to ISO 6396 | 69 dB LpA |
| External sound level according to ISO 6395 and EU Directive 2000/14/EC | 102 dB LwA |

UNDERCARRIAGE

| | | | | | |
|-----------------------|--|-----------|-----------|-----------|------------|
| Carriage options | LC - Long Carriage | | | | |
| Construction | Fully welded 'X' frame type with central bellyguarding and sloping side members with dirt relief holes under top rollers | | | | |
| Recovery point | Front and rear | | | | |
| Upper & lower rollers | Heat treated sealed and lubricated | | | | |
| Track adjustment | Grease cylinder type | | | | |
| Track idler | Sealed and lubricated, with spring cushioned recoil | | | | |
| Track type | Sealed and lubricated | | | | |
| Track shoes | ft-in (mm) | 2-0 (600) | 2-4 (700) | 2-7 (800) | 2-11 (900) |
| | | | LC | | |
| No. of upper rollers | | | 2 | | |
| No. of lower rollers | | | 8 | | |
| No. of track guides | | | 2 | | |
| No. of track shoes | | | 49 | | |

BUCKET AND ARM COMBINATION 245XR

| Bucket options | | GP Buckets | | | | | | | HD Buckets | | | | | |
|---------------------------------|----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|
| Bucket width | ft-in (mm) | 2-0 (610) | 2-6 (762) | 3-0 (915) | 3-6 (1,067) | 4-0 (1,219) | 4-6 (1,372) | 5-0 (1,524) | 2-6 (750) | 2-11 (900) | 3-7 (1,100) | 3-11 (1,200) | 4-5 (1,350) | 4-11 (1,500) |
| Bucket capacity | y ³ (m ³) | 0.46 (0.35) | 0.67 (0.51) | 0.86 (0.66) | 1.06 (0.81) | 1.26 (0.96) | 1.45 (1.11) | 1.66 (1.27) | 0.68 (0.52) | 0.86 (0.66) | 1.06 (0.81) | 1.26 (0.96) | 1.45 (1.11) | 1.64 (1.25) |
| Bucket weight | lbs (kg) | 1,056 (479) | 1,171 (531) | 1,299 (589) | 1,420 (644) | 1,576 (715) | 1,702 (772) | 1,856 (842) | 1,345 (610) | 1,523 (691) | 1,658 (752) | 1,792 (813) | 1,971 (894) | 2,105 (955) |
| 245XR LC Mono | | | | | | | | | | | | | | |
| 2.4m Quickhitch (No Quickhitch) | | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) |
| 3.0m Quickhitch (No Quickhitch) | | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (■) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (■) | ☐ (■) |
| 245XR LCD Mono | | | | | | | | | | | | | | |
| 2.4m Quickhitch (No Quickhitch) | | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) |
| 3.0m Quickhitch (No Quickhitch) | | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (■) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (☐) | ☐ (■) | ☐ (■) |

- ☐ = Suitable for general excavating material weight up to 2000 kg/m³.
- = Suitable for grading and loading material weight up to 1600 kg/m³.
- = Suitable for light excavating material weight up to 1200 kg/m³.
- X = Not recommended.

These recommendations are given as a guide based on typical operating conditions.
Please contact your distributor for the correct selection of buckets and attachments to suit the application.

WEIGHTS AND GROUND BEARING PRESSURES

Figures include: 1.4 yd (1.1m³) bucket 1,702 lbs (772kg), operator 165 lbs (75kg), full fuel tank and 9ft 10in (2.4m) dipper

| | Track shoe options | | | |
|---|---------------------|---------------------|---------------------|----------------------|
| | 2ft 0 in (600mm) HD | 2ft 4 in (700mm) HD | 2ft 7 in (800mm) HD | 2ft 11 in (900mm) HD |
| 245XR LC MonoBoom | | | | |
| Machine weight lbs (kg) | 55,742 (25,284) | 56,445 (25,603) | 57,190 (25,941) | 57,896 (26,261) |
| Ground bearing pressure psi (kg/cm ²) | 7.1 (0.50) | 6.3 (0.44) | 5.5 (0.39) | 5.0 (0.35) |

245XR LC MonoBoom Dozer

| | | | | |
|---|-----------------|-----------------|---|---|
| Machine weight lbs (kg) | 59,289 (26,893) | 60,023 (27,226) | - | - |
| Ground bearing pressure psi (kg/cm ²) | 7.7 (0.54) | 6.7 (0.47) | - | - |

Figures include: 1.4 yd (1.1m³) bucket 1,702 lbs (772kg), operator 165 lbs (75kg), full fuel tank and 7ft 10in (3.0m) dipper

| | Track shoe options | | | |
|---|---------------------|---------------------|---------------------|----------------------|
| | 2ft 0 in (600mm) HD | 2ft 4 in (700mm) HD | 2ft 7 in (800mm) HD | 2ft 11 in (900mm) HD |
| 245XR LC MonoBoom | | | | |
| Machine weight lbs (kg) | 55,900 (25,356) | 56,606 (25,676) | 57,351 (26,014) | 58,054 (26,333) |
| Ground bearing pressure psi (kg/cm ²) | 7.3 (0.51) | 6.3 (0.44) | 5.5 (0.39) | 5 (0.35) |

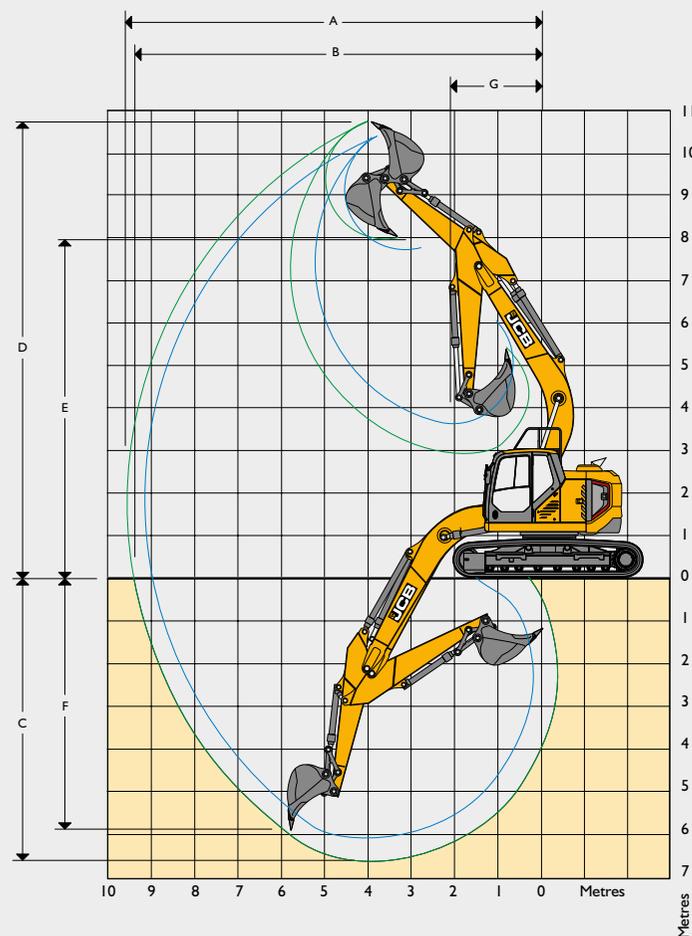
245XR LC MonoBoom Dozer

| | | | | |
|---|-----------------|-----------------|---|---|
| Machine weight lbs (kg) | 59,448 (26,965) | 60,184 (27,299) | - | - |
| Ground bearing pressure psi (kg/cm ²) | 7.7 (0.54) | 6.7 (0.47) | - | - |

WORKING RANGE

245XR LC MONO

| Dipper length: | | 7ft 10in (2.4m) | 9ft 10in (3.0m) |
|----------------|-----------------------------------|--------------------------|-----------------|
| A | Maximum digging reach | ft-in (mm) 30-11 (9,423) | 32-8 (9,952) |
| B | Maximum digging reach (on ground) | ft-in (mm) 30-4 (9,244) | 32-1 (9,784) |
| C | Maximum digging depth | ft-in (mm) 19-9 (6,029) | 21-9 (6,627) |
| D | Maximum digging height | ft-in (mm) 34-0 (10,354) | 35-2 (10,708) |
| E | Maximum dumping height | ft-in (mm) 24-11 (7,593) | 26-1 (7,951) |
| F | Maximum vertical wall cut depth | ft-in (mm) 17-11 (5,459) | 19-9 (6,011) |
| G | Minimum swing radius | ft-in (mm) 8-5 (2,566) | 7-8 (2,345) |
| | Bucket rotation | degrees 183 | 183 |
| | Maximum dipper tearout | lbf (kN) 28,101 (125) | 23,155 (103) |
| | Maximum bucket tearout | lbf (kN) 33,272 (148) | 33,272 (148) |



STANDARD/OPTIONAL EQUIPMENT

ENGINE

| | |
|--|---|
| JCB, Stage IV compliant, SCR, water cooled diesel turbocharged after cooled electronic 4 cylinder 4.8 litre engine | • |
| Start pre-heat | • |
| One touch idle | • |
| Auto-idle function | • |
| Automatic engine shutdown | • |
| Fan guard | • |
| Heavy-duty batteries | • |
| Fuel filter with sedimenter | • |
| Electronic engine control | • |
| Fuel cooler | • |
| Refuelling pump | • |
| Additional fuel filter with water separator | + |

SAFETY

| | |
|---|---|
| Side guard rails on upper structure and steps | • |
| Rear view camera | • |
| Battery isolator | • |
| Key | • |
| Lockable fuel tank cap | • |
| Lockable hydraulic tank cap | • |
| Work lights (2 revolving frame, 2 boom mounted) | • |
| Roll over protective structure (ROPS) | • |
| Travel alarm | • |
| Additional LED light options | + |
| White noise alarm | + |
| Green beacon linked to seat belt | + |
| FOPS Level II guard top and front | + |
| Fire extinguisher (1kg powder) | + |
| Vandal guards | + |
| Chevron counterweight | + |
| Rotating roof beacon | + |
| 2 x counterweight beacons | + |
| Twin camera | • |
| 360 degree camera | + |
| Folding handrails | + |
| Full upper surrounding handrails | + |
| Arm limiter | + |

CAB & INTERIOR

| | |
|---|---|
| Sound-insulated and 4 dual shock mounted cab | • |
| Opening front window and removable lower front window | • |
| Upper door sliding glass in 2 directions | • |
| Upper windscreen wiper | • |
| 4 button joysticks | • |
| Travel pedals and T handle levers | • |
| 2 foot rests | • |
| Immobiliser | • |
| Loudspeakers and connection for radio | • |
| Standard cab filtration | • |
| Electric dual tone horn | • |
| Interior cab light | • |
| 3 x 12V sockets | • |
| 7" colour monitor | • |
| Retractable 2" seat belt | • |
| Fixed roof glass | • |
| Roof blind | • |
| Cool box | • |
| Cup holder | • |
| Climate control | • |
| Rear window blind | • |
| 3" seat belt | + |
| 2" hi vis seat belt | + |
| 3" hi vis seat belt | + |
| Front blind | • |
| Side window blind | • |
| Bluetooth radio (linked to pod controls and screen) | • |
| Carbon air filter | + |
| Deluxe seat: Heated, adjustable air suspension seat with adjustable headrest mechanical lumbar support | • |
| Super deluxe seat: Heated and air ventilation, adjustable air suspension seat with adjustable head rest and electric lumbar support | + |
| Rain guard visor | + |
| Dual front wiper | + |

UNDERCARRIAGE

| | |
|---|---|
| Greased and sealed track links | • |
| Twin track guards | • |
| 600, 700, 800, 900 mm HD triple grousers | + |
| Dozer for LC carriage 600mm or 700mm tracks | + |

HYDRAULIC SYSTEM

| | |
|---|---|
| Boom and arm flow regeneration | • |
| One touch power boost | • |
| Boom/slew priority control | • |
| Cushion control | • |
| Cylinder cushioning and contamination seals | • |
| 2 speed track motors | • |
| Oil cooler | • |
| 10 attachment settings through the display | • |
| High, merged, medium and low flow options (shut off taps as standard) | + |
| Advanced tool select to control flow and pressure | + |
| Proportional control joystick sliders with electronic foot pedal | + |
| Bio oil | + |
| Panolin oil | + |
| Quickhitch pipework | + |
| Hydraulic quickhitch | + |
| ISO/SAE change over | + |
| SAE to BSP converters on high flow auxiliary pipework | + |
| Quick release couplings | + |
| Hose burst check valves (boom, arm & bucket) | + |
| Auxiliary vent to tank | + |
| Attachment case drain | + |

DIG END

| | |
|--------------------------------|---|
| Grouped greasing | • |
| Dippers 2.4m, 3.0m | + |
| Lifting hook tipping link | + |
| Lifting shackle tipping link | + |
| Bucket ram guard | + |
| Guards for boom mounted lights | + |

OTHER

| | |
|--|---|
| Hour meter | • |
| Toolbox and storage tray | • |
| Wide core radiators | • |
| LiveLink telematics | • |
| HD slew bearing seal | • |
| 10mm heavy-duty plates for upper and lower structure | + |
| Pleated radiator flyscreen | + |
| Work light guards | + |
| Service bay and access lighting | + |
| GPS ready | + |

STANDARD •

OPTIONAL +

LIFT CAPACITIES - DIPPER LENGTH 9FT IOIN (3.0M), MONOBOOM, TRACKSHOES: 600HD, NO BUCKET **245XR LC MONO**

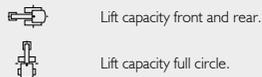
| Reach | 4ft 11in (1.5m) | | 9ft 10in (3m) | | 14ft 9in (4.5m) | | 19ft 8in (6m) | | 24ft 7in (7.5m) | | Capacity at Max. Reach | | ft-in (mm) |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| |  |  |  |  |  |  |  |  |  |  |  |  | |
| Load Point Height | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | ft-in (mm) |
| 24ft 7in (7.5m) | | | | | | | 9,453 (4,288)* | 9,453 (4,288)* | | | 7,271 (3,298)* | 7,271 (3,298)* | 20-9 (6,327) |
| 19ft 8in (6m) | | | | | 12,743 (5,780)* | 12,743 (5,780)* | 12,419 (5,633)* | 11,887 (5,392) | | | 6,751 (3,062)* | 6,751 (3,062)* | 24-4 (7,429) |
| 14ft 9in (4.5m) | | | 18,598 (8,436)* | 18,598 (8,436)* | 16,429 (7,452)* | 16,429 (7,452)* | 13,907 (6,308)* | 11,460 (5,198) | 11,263 (5,109)* | 7,985 (3,622) | 6,629 (3,007)* | 6,629 (3,007)* | 26-7 (8,107) |
| 9ft 10in (3m) | | | 22,531 (10,220)* | 22,531 (10,220)* | 20,119 (9,126)* | 16,616 (7,537) | 15,543 (7,050)* | 10,828 (4,912) | 12,491 (5,666) | 7,710 (3,497) | 6,779 (3,075)* | 6,332 (2,872) | 27-9 (8,464) |
| 4ft 11in (1.5m) | | | | | 23,246 (10,544)* | 15,296 (6,938) | 17,031 (7,725) | 10,199 (4,626) | 12,152 (5,512) | 7,399 (3,356) | 7,205 (3,268)* | 6,080 (2,758) | 28-0 (8,543) |
| 0ft 0in (0m) | | | 12,961 (5,879)* | 12,961 (5,879)* | 24,381 (11,059)* | 14,555 (6,602) | 16,517 (7,492) | 9,744 (4,420) | 11,795 (5,393) | 7,072 (3,248) | 9,405 (4,264)* | 6,656 (2,998) | 27-5 (8,351) |
| -4ft 11in (-1.5m) | 13,647 (6,190)* | 13,647 (6,190)* | 21,887 (9,928)* | 21,887 (9,928)* | 23,499 (10,659)* | 14,323 (6,497) | 16,286 (7,387) | 9,542 (4,328) | 11,795 (5,350) | 7,072 (3,208) | 9,405 (4,266)* | 6,656 (3,019) | 25-10 (7,868) |
| -9ft 10in (-3m) | 23,052 (10,456)* | 23,052 (10,456)* | 28,021 (12,710)* | 28,021 (12,710)* | 20,701 (9,390)* | 14,454 (6,556) | 15,459 (7,012)* | 9,606 (4,357) | | | 12,086 (5,482)* | 7,829 (3,551) | 23-1 (7,034) |
| -14ft 9in (-4.5m) | | | 19,850 (9,004)* | 19,850 (9,004)* | 15,069 (6,835)* | 14,961 (6,786) | | | | | 10,860 (4,926)* | 10,803 (4,900) | 18-8 (5,691) |

LIFT CAPACITIES - DIPPER LENGTH 7FT IOIN (2.4M), MONOBOOM, TRACKSHOES: 600HD, NO BUCKET **245XR LC MONO**

| Reach | 4ft 11in (1.5m) | | 9ft 10in (3m) | | 14ft 9in (4.5m) | | 19ft 8in (6m) | | 24ft 7in (7.5m) | | Capacity at Max. Reach | | ft-in (mm) |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| |  |  |  |  |  |  |  |  |  |  |  |  | |
| Load Point Height | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | ft-in (mm) |
| 24ft 7in (7.5m) | | | | | 15,053 (6,828)* | 15,053 (6,828)* | | | | | 11,202 (5,081)* | 11,202 (5,081)* | 18-4 (5,585) |
| 19ft 8in (6m) | | | | | 15,611 (7,081)* | 15,611 (7,081)* | 15,278 (6,390)* | 11,634 (5,277) | | | 10,229 (4,640)* | 9,348 (4,240) | 22-4 (6,811) |
| 14ft 9in (4.5m) | | | 25,763 (11,686)* | 25,763 (11,686)* | 18,159 (8,237)* | 17,566 (7,968) | 14,972 (6,791)* | 11,248 (5,102) | 10,781 (4,890)* | 7,840 (3,556) | 9,590 (4,530)* | 7,756 (3,518) | 24-9 (7,546) |
| 9ft 10in (3m) | | | | | 21,678 (9,833)* | 16,147 (7,324) | 16,420 (7,448)* | 10,657 (4,834) | 12,403 (5,626) | 7,639 (3,465) | 10,203 (4,628)* | 6,989 (3,170) | 26-0 (7,929) |
| 4ft 11in (1.5m) | | | | | 24,141 (10,950)* | 15,011 (6,809) | 16,905 (7,668) | 10,102 (4,582) | 12,125 (5,500) | 7,385 (3,350) | 10,862 (4,927)* | 6,711 (3,044) | 26-3 (8,013) |
| 0ft 0in (0m) | | | | | 24,341 (11,041)* | 14,515 (6,584) | 16,504 (7,486) | 9,747 (4,421) | 11,942 (5,417) | 7,218 (3,274) | 11,292 (5,122) | 6,848 (3,106) | 25-7 (7,808) |
| -4ft 11in (-1.5m) | | | 22,569 (10,237)* | 22,569 (10,237)* | 22,639 (10,269)* | 14,458 (6,558) | 16,387 (7,433) | 9,647 (4,376) | | | 12,438 (5,642) | 7,505 (3,404) | 23-22 (7,289) |
| -9ft 10in (-3m) | | | 24,222 (10,987)* | 24,222 (10,987)* | 18,955 (8,598)* | 14,718 (6,676) | 13,938 (6,322)* | 9,850 (4,468) | | | 12,421 (5,634)* | 9,143 (4,147) | 20-11 (6,376) |
| -14ft 9in (-4.5m) | | | | | 11,290 (5,121)* | 11,290 (5,121)* | | | | | 9,870 (4,477)* | 9,870 (4,477)* | 15-11 (4,850) |

LIFT CAPACITIES - DIPPER LENGTH 9FT IOIN (3.0M), MONOBOOM, TRACKSHOES: 600HD, NO BUCKET **245XR LCD MONO**

| Reach | 4ft 11in (1.5m) | | 9ft 10in (3m) | | 14ft 9in (4.5m) | | 19ft 8in (6m) | | 24ft 7in (7.5m) | | Capacity at Max. Reach | | ft-in (mm) |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| |  |  |  |  |  |  |  |  |  |  |  |  | |
| Load Point Height | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | ft-in (mm) |
| 24ft 7in (7.5m) | | | | | | | 9,453 (4,288)* | 9,453 (4,288)* | | | 7,271 (3,298)* | 7,271 (3,298)* | 20-9 (6,327) |
| 19ft 8in (6m) | | | | | 12,743 (5,780)* | 12,743 (5,780)* | 12,419 (5,633)* | 12,419 (5,633)* | | | 6,751 (3,062)* | 6,751 (3,062)* | 24-4 (7,429) |
| 14ft 9in (4.5m) | | | 18,598 (8,436)* | 18,598 (8,436)* | 16,429 (7,452)* | 16,429 (7,452)* | 13,907 (6,308)* | 12,183 (5,526) | 11,263 (5,109)* | 8,536 (3,872) | 6,629 (3,007)* | 6,629 (3,007)* | 26-7 (8,107) |
| 9ft 10in (3m) | | | 22,531 (10,220)* | 22,531 (10,220)* | 20,119 (9,126)* | 17,677 (8,018) | 15,543 (7,050)* | 11,552 (5,240) | 12,721 (5,770) | 8,259 (3,746) | 6,779 (3,075)* | 6,779 (3,075)* | 27-9 (8,464) |
| 4ft 11in (1.5m) | | | | | 23,246 (10,544)* | 16,354 (7,418) | 17,079 (7,747)* | 10,922 (4,954) | 12,381 (5,616) | 7,948 (3,605) | 7,205 (3,268)* | 6,552 (2,972) | 28-0 (8,543) |
| 0ft 0in (0m) | | | 12,961 (5,879)* | 12,961 (5,879)* | 24,381 (11,059)* | 15,613 (7,082) | 16,830 (7,634) | 10,468 (4,748) | 12,119 (5,497) | 7,707 (3,496) | 7,990 (3,624)* | 6,649 (3,016) | 27-5 (8,351) |
| -4ft 11in (-1.5m) | 13,647 (6,190)* | 13,647 (6,190)* | 21,887 (9,928)* | 21,887 (9,928)* | 23,599 (10,659)* | 15,384 (6,978) | 16,596 (7,528) | 10,265 (4,656) | 12,022 (5,453) | 7,621 (3,457) | 9,405 (4,266)* | 7,174 (3,254) | 25-10 (7,868) |
| -9ft 10in (-3m) | 23,052 (10,456)* | 23,052 (10,456)* | 28,021 (12,710)* | 28,021 (12,710)* | 20,701 (9,390)* | 15,512 (7,036) | 15,459 (7,012)* | 10,326 (4,684) | | | 12,086 (5,482)* | 8,422 (3,820) | 23-1 (7,034) |
| -14ft 9in (-4.5m) | | | 19,850 (9,004)* | 19,850 (9,004)* | 15,069 (6,835)* | 15,069 (6,835)* | | | | | 10,860 (4,926)* | 10,860 (4,926)* | 18-8 (5,691) |



- Notes:**
- Lifting capacities are based on ISO 10,567, 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.
 - Lift capacities assume that the machine is on firm, level ground.
 - Lift capacities may be limited by local regulations. Please refer to your dealer.

LIFT CAPACITIES - DIPPER LENGTH 7FT 10IN (2.4M), MONOBOOM, TRACKSHOES: 600HD, NO BUCKET

245XR LCD MONO

| Reach | 4ft 11in (1.5m) | | 9ft 10in (3m) | | 14ft 9in (4.5m) | | 19ft 8in (6m) | | 24ft 7in (7.5m) | | Capacity at Max. Reach | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Load Point Height | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | ft-in (mm) |
| 24ft 7in (7.5m) | | | | | 15,053 (6,828)* | 15,053 (6,828)* | | | | | | 11,202 (5,081)* | 11,202 (5,081)* | 18-4 (5,585) |
| 19ft 8in (6m) | | | | | 15,611 (7,081)* | 15,611 (7,081)* | 15,278 (6,390)* | 12,357 (5,605) | | | | 10,229 (4,640)* | 9,965 (4,520) | 22-4 (6,811) |
| 14ft 9in (4.5m) | | | 25,763 (11,686)* | 25,763 (11,686)* | 18,159 (8,237)* | 18,159 (8,237)* | 14,972 (6,791)* | 11,969 (5,429) | 10,781 (4,890)* | 8,391 (3,806) | 9,590 (4,530)* | 8,300 (3,765) | 24-9 (7,546) | |
| 9ft 10in (3m) | | | | | 21,678 (9,833)* | 17,205 (7,804) | 16,420 (7,448)* | 11,380 (5,162) | 12,630 (5,729) | 8,186 (3,713) | 10,203 (4,628)* | 7,502 (3,403) | 26-0 (7,929) | |
| 4ft 11in (1.5m) | | | | | 24,141 (10,950)* | 16,072 (7,290) | 17,216 (7,809) | 10,825 (4,910) | 12,355 (5,604) | 7,934 (3,599) | 10,862 (4,927)* | 7,218 (3,274) | 26-3 (8,013) | |
| 0ft 0in (0m) | | | | | 23,341 (11,041)* | 15,576 (7,065) | 16,815 (7,627) | 10,470 (4,749) | 12,172 (5,521) | 7,769 (3,524) | 11,510 (5,221) | 7,370 (3,343) | 25-7 (7,808) | |
| -4ft 11in (-1.5m) | | | 22,569 (10,237)* | 22,569 (10,237)* | 22,639 (10,269)* | 15,518 (7,039) | 16,698 (7,574) | 10,368 (4,703) | | | 12,677 (5,750) | 8,073 (3,662) | 23-11 (7,289) | |
| -9ft 10in (-3m) | | | 24,222 (10,987)* | 24,222 (10,987)* | 18,955 (8,598)* | 15,778 (7,157) | 13,938 (6,322)* | 10,573 (4,796) | | | 12,421 (5,634)* | 9,811 (4,450) | 20-11 (6,376) | |
| -14ft 9in (-4.5m) | | | | | 11,290 (5,121)* | 11,290 (5,121)* | | | | | 9,870 (4,477)* | 9,870 (4,477)* | 15-11 (4,850) | |

LIFT CAPACITIES - DIPPER LENGTH 9FT 10IN (3.0M), MONOBOOM, TRACKSHOES: 700HD, NO BUCKET

245XR LC MONO

| Reach | 4ft 11in (1.5m) | | 9ft 10in (3m) | | 14ft 9in (4.5m) | | 19ft 8in (6m) | | 24ft 7in (7.5m) | | Capacity at Max. Reach | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Load Point Height | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | ft-in (mm) |
| 24ft 7in (7.5m) | | | | | | | 9,453 (4,288)* | 9,452 (4,288)* | | | | 7,271 (3,298)* | 7,271 (3,298)* | 20-9 (6,327) |
| 19ft 8in (6m) | | | | | 12,743 (5,780)* | 12,743 (5,780)* | 12,419 (5,633)* | 12,031 (5,457) | | | | 6,751 (3,062)* | 6,751 (3,062)* | 24-4 (7,429) |
| 14ft 9in (4.5m) | | | 18,598 (8,436)* | 18,598 (8,436)* | 16,429 (7,452)* | 16,429 (7,452)* | 13,907 (6,308)* | 11,603 (5,263) | 11,263 (5,109)* | 8,095 (3,672) | 6,629 (3,007)* | 6,629 (3,007)* | 26-7 (8,107) | |
| 9ft 10in (3m) | | | 22,531 (10,220)* | 22,531 (10,220)* | 20,119 (9,126)* | 16,826 (7,632) | 15,543 (7,050)* | 10,972 (4,977) | 12,668 (5,746) | 7,820 (3,547) | 6,779 (3,075)* | 6,424 (2,914) | 27-9 (8,464) | |
| 4ft 11in (1.5m) | | | | | 23,246 (10,544)* | 15,505 (7,033) | 17,079 (7,747)* | 10,342 (4,691) | 13,328 (5,592) | 7,509 (3,406) | 7,205 (3,268)* | 6,175 (2,801) | 28-0 (8,543) | |
| 0ft 0in (0m) | | | 12,961 (5,879)* | 12,961 (5,879)* | 24,381 (11,059)* | 14,764 (6,697) | 16,755 (7,600) | 9,890 (4,486) | 12,066 (5,473) | 7,271 (3,298) | 7,990 (3,624)* | 6,263 (2,841) | 27-5 (8,351) | |
| -4ft 11in (-1.5m) | 13,647 (6,190)* | 13,647 (6,190)* | 21,887 (9,928)* | 21,887 (9,928)* | 23,499 (10,659)* | 14,533 (6,592) | 16,526 (7,496) | 9,685 (4,393) | 11,969 (5,429) | 7,180 (3,257) | 9,405 (4,266)* | 6,757 (3,065) | 25-10 (7,868) | |
| -9ft 10in (-3m) | 23,052 (10,456)* | 23,052 (10,456)* | 28,021 (12,710)* | 28,021 (12,710)* | 20,701 (9,390)* | 14,663 (6,651) | 15,459 (7,012)* | 9,749 (4,422) | | | 12,086 (5,482)* | 7,948 (3,605) | 23-1 (7,034) | |
| -14ft 9in (-4.5m) | | | 19,850 (9,004)* | 19,850 (9,004)* | 15,069 (6,835)* | 15,069 (6,835)* | | | | | 10,860 (4,926)* | 10,860 (4,926)* | 18-8 (5,691) | |

LIFT CAPACITIES - DIPPER LENGTH 7FT 10IN (2.4M), MONOBOOM, TRACKSHOES: 700HD, NO BUCKET

245XR LC MONO

| Reach | 4ft 11in (1.5m) | | 9ft 10in (3m) | | 14ft 9in (4.5m) | | 19ft 8in (6m) | | 24ft 7in (7.5m) | | Capacity at Max. Reach | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Load Point Height | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | ft-in (mm) |
| 24ft 7in (7.5m) | | | | | 15,053 (6,828)* | 15,053 (6,828)* | | | | | | 11,202 (5,081)* | 11,202 (5,081)* | 18-4 (5,585) |
| 19ft 8in (6m) | | | | | 15,611 (7,081)* | 15,611 (7,081)* | 15,278 (6,390)* | 11,777 (5,342) | | | | 10,229 (4,640)* | 9,471 (4,296) | 22-4 (6,811) |
| 14ft 9in (4.5m) | | | 25,763 (11,686)* | 25,763 (11,686)* | 18,159 (8,237)* | 17,776 (8,063) | 14,972 (6,791)* | 11,391 (5,167) | 10,781 (4,890)* | 7,950 (3,606) | 9,590 (4,530)* | 7,864 (3,567) | 24-9 (7,546) | |
| 9ft 10in (3m) | | | | | 21,678 (9,833)* | 16,356 (7,419) | 16,420 (7,448)* | 10,083 (4,900) | 12,577 (5,705) | 7,747 (3,514) | 10,203 (4,628)* | 7,092 (3,217) | 26-0 (7,929) | |
| 4ft 11in (1.5m) | | | | | 24,141 (10,950)* | 15,223 (6,905) | 17,143 (7,776) | 10,247 (4,648) | 12,302 (5,580) | 7,496 (3,400) | 10,862 (4,927)* | 6,810 (3,089) | 26-3 (8,013) | |
| 0ft 0in (0m) | | | | | 24,141 (10,950)* | 14,727 (6,680) | 16,742 (7,594) | 9,890 (4,486) | 12,119 (5,497) | 7,328 (3,324) | 11,460 (5,198) | 6,951 (3,153) | 25-7 (7,808) | |
| -4ft 11in (-1.5m) | | | 22,569 (10,237)* | 22,569 (10,237)* | 22,639 (10,269)* | 14,667 (6,653) | 16,627 (7,542) | 9,789 (4,440) | | | 12,621 (5,725) | 9,275 (3,455) | 23-11 (7,289) | |
| -9ft 10in (-3m) | | | 24,222 (10,987)* | 24,222 (10,987)* | 18,955 (8,598)* | 14,930 (6,772) | 13,938 (6,322)* | 9,994 (4,533) | | | 12,421 (5,634)* | 9,275 (4,207) | 20-11 (6,376) | |
| -14ft 9in (-4.5m) | | | | | 11,290 (5,121)* | 11,290 (5,121)* | | | | | 9,870 (4,477)* | 9,870 (4,477)* | 15-11 (4,850) | |



Lift capacity front and rear.



Lift capacity full circle.

Notes:

1. 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.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.

LIFT CAPACITIES - DIPPER LENGTH 9FT 10IN (3.0M), MONOBOOM, TRACKSHOES: 700HD, NO BUCKET **245XR LCD MONO**

| Reach | 4ft 11in (1.5m) | | 9ft 10in (3m) | | 14ft 9in (4.5m) | | 19ft 8in (6m) | | 24ft 7in (7.5m) | | Capacity at Max. Reach | | ft-in (mm) |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| |  |  |  |  |  |  |  |  |  |  |  |  | |
| Load Point Height | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | |
| 24ft 7in (7.5m) | | | | | | | 9,453 (4,288)* | 9,453 (4,288)* | | | 7,271 (3,298)* | 7,271 (3,298)* | 20-9 (6,327) |
| 19ft 8in (6m) | | | | | 12,743 (5,780)* | 12,743 (5,780)* | 12,419 (5,633)* | 12,419 (5,633)* | | | 6,751 (3,062)* | 6,751 (3,062)* | 24-4 (7,429) |
| 14ft 9in (4.5m) | | | 18,598 (8,436)* | 18,598 (8,436)* | 16,429 (7,452)* | 16,429 (7,452)* | 13,907 (6,308)* | 12,333 (5,594) | 11,263 (5,109)* | 8,647 (3,922) | 6,629 (3,007)* | 6,629 (3,007)* | 26-7 (8,107) |
| 9ft 10in (3m) | | | 22,531 (10,220)* | 22,531 (10,220)* | 20,119 (9,126)* | 17,895 (8,117) | 15,543 (7,050)* | 11,702 (5,308) | 12,879 (5,842) | 8,371 (3,797) | 6,779 (3,075)* | 6,779 (3,075)* | 27-9 (8,464) |
| 4ft 11in (1.5m) | | | | | 23,246 (10,544)* | 16,574 (7,518) | 17,079 (7,747)* | 11,072 (5,022) | 12,540 (5,688) | 8,062 (3,657) | 7,205 (3,268)* | 6,649 (3,016) | 28-0 (8,543) |
| 0ft 0in (0m) | | | 12,961 (5,879)* | 12,961 (5,879)* | 24,381 (11,059)* | 15,834 (7,182) | 17,046 (7,732) | 10,617 (4,816) | 12,280 (5,570) | 7,822 (3,548) | 7,990 (3,624)* | 6,751 (3,062) | 27-5 (8,351) |
| -4ft 11in (-1.5m) | 13,647 (6,190)* | 13,647 (6,190)* | 21,887 (9,928)* | 21,887 (9,928)* | 23,499 (10,659)* | 15,604 (7,078) | 16,815 (7,627) | 10,415 (4,724) | 12,181 (5,525) | 7,734 (3,508) | 9,405 (4,266)* | 7,280 (3,302) | 25-10 (7,868) |
| -9ft 10in (-3m) | 23,052 (10,456)* | 23,052 (10,456)* | 28,021 (12,710)* | 28,021 (12,710)* | 20,701 (9,390)* | 15,732 (7,136) | 15,459 (7,012)* | 10,479 (4,753) | | | 12,086 (5,482)* | 8,545 (3,876) | 23-1 (7,034) |
| -14ft 9in (-4.5m) | | | 19,850 (9,004)* | 19,850 (9,004)* | 15,069 (6,835)* | 15,069 (6,835)* | | | | | 10,860 (4,926)* | 10,860 (4,926)* | 18-8 (5,691) |

LIFT CAPACITIES - DIPPER LENGTH 7FT 10IN (2.4M), MONOBOOM, TRACKSHOES: 700HD, NO BUCKET **245XR LCD MONO**

| Reach | 4ft 11in (1.5m) | | 9ft 10in (3m) | | 14ft 9in (4.5m) | | 19ft 8in (6m) | | 24ft 7in (7.5m) | | Capacity at Max. Reach | | ft-in (mm) |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| |  |  |  |  |  |  |  |  |  |  |  |  | |
| Load Point Height | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | lbs (kg) | |
| 24ft 7in (7.5m) | | | | | 15,053 (6,828)* | 15,053 (6,828)* | | | | | 11,202 (5,081)* | 11,202 (5,081)* | 18-4 (5,585) |
| 19ft 8in (6m) | | | | | 15,611 (7,081)* | 15,611 (7,081)* | 15,278 (6,390)* | 12,507 (5,673) | | | 10,229 (4,640)* | 10,093 (4,578) | 22-4 (6,811) |
| 14ft 9in (4.5m) | | | 25,763 (11,686)* | 25,763 (11,686)* | 18,159 (8,237)* | 18,159 (8,237)* | 14,972 (6,791)* | 12,121 (5,498) | 10,781 (4,890)* | 8,503 (3,857) | 9,590 (4,530)* | 8,415 (3,817) | 24-9 (7,546) |
| 9ft 10in (3m) | | | | | 21,678 (9,833)* | 17,425 (7,904) | 16,420 (7,448)* | 11,530 (5,230) | 12,791 (5,802) | 8,300 (3,765) | 10,203 (4,628)* | 7,610 (3,452) | 26-0 (7,929) |
| 4ft 11in (1.5m) | | | | | 24,141 (10,950)* | 16,292 (7,390) | 17,432 (7,907) | 10,975 (4,978) | 12,516 (5,677) | 8,049 (3,651) | 10,862 (4,927)* | 7,322 (3,321) | 26-3 (8,013) |
| 0ft 0in (0m) | | | | | 24,341 (11,041)* | 15,794 (7,164) | 17,031 (7,725) | 10,620 (4,817) | 12,330 (5,593) | 7,879 (3,574) | 11,660 (5,289) | 7,478 (3,392) | 25-7 (7,808) |
| -4ft 11in (-1.5m) | | | 22,569 (10,237)* | 22,569 (10,237)* | 22,639 (10,269)* | 15,737 (7,138) | 16,916 (7,673) | 10,518 (4,771) | | | 12,901 (5,825) | 8,190 (3,715) | 23-11 (7,289) |
| -9ft 10in (-3m) | | | 24,222 (10,987)* | 24,222 (10,987)* | 18,955 (8,598)* | 15,999 (7,257) | 13,938 (6,322)* | 10,723 (4,864) | | | 12,421 (5,634)* | 9,949 (4,513) | 20-11 (6,376) |
| -14ft 9in (-4.5m) | | | | | 11,290 (5,121)* | 11,290 (5,121)* | | | | | 9,870 (4,477)* | 9,870 (4,477)* | 15-11 (4,850) |



Lift capacity front and rear.



Lift capacity full circle.

Notes:

- 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.
- Lift capacities assume that the machine is on firm, level ground.
- Lift capacities may be limited by local regulations. Please refer to your dealer.



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Your nearest JCB dealer

Tracked Excavator 245XR

Engine Power: 173 hp (129kW) Operating weight: 55,742 lbs (25,284 kg) - 60,184 lbs (27,299 kg) Bucket capacity: 0.46 y³ (0.35 m³) - 1.64 y³ (1.25 m³)

JCB North America
 2000 Bamford Blvd., Pooler, Georgia, 31322 Tel: (912) 447-2000

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