

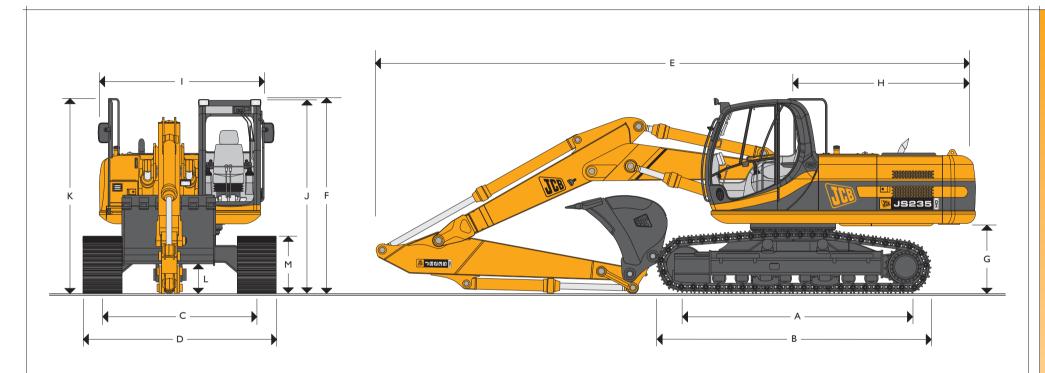


MAX. OPERATING WEIGHT

24222 kg (53400 lb)

NETT ENGINE POWER

128 kW (172 hp)



STATIC DIMENSIONS

| Di | imensions in millimetres (ft-in) | JS235 HD |
|----|--------------------------------------|--------------|
| Α | Track length on ground | 3420 (11-3) |
| В | Undercarriage overall length | 4220 (13-10) |
| С | Track gauge | 2000 (6-7) |
| D | Width over tracks (550mm trackshoes) | 2550 (8-4) |

| D | ipper lengths | 1.91 m (6ft 3in) | 2.40m (7ft 10in) | 3.0m (9ft 10in) | | |
|---|--------------------------------|------------------|------------------|-----------------|--|--|
| Е | Transport length with TAB | 9583 (31-5) | 9576 (31-5) | 9467 (31-1) | | |
| Е | Transport length with Monoboom | 9570 (31-5) | 9560 (31-4) | 9440 (31-0) | | |
| F | Transport height with TAB | 3154 (10-4) | 3162 (10-4) | 2290 (7-6) | | |
| F | Transport height with Monoboom | 3154 (10-4) | 3162 (10-4) | 2290 (7-6) | | |
| | | | | | | |

| Dimensions in millimetres (ft-in) | JS235 HD |
|-----------------------------------|-------------|
| G Counterweight clearance | 1170 (3-10) |
| H Tailswing radius | 2825 (9-3) |
| I Width of superstructure | 2550 (7-5) |
| J Height over cab | 3050 (10-0) |
| K Height over grab rail | 3129 (10-3) |
| L Ground clearance | 565 (1-10) |
| M Track height | 995 (3-3) |
| | |

A Product of Hard Work





ENGINE

Yodel Isuzu 4HKIX European Tier III emissions compliant.

Nett power (ISO 3046-INF)128kW (172hp) at 2000rpm.Piston Displacement5.193 litres (317 cu.in.).InjectionElectronic governor.

 Air Filtration
 Dry element with secondary safety element and in cab warning indicator.

 Cooling
 Water cooler via large capacity radiator with anti block "wavy" fins

and protected by a separate fine mesh grille.

SWING SYSTEM

Swing motor Axial piston

Swing brake Hydraulic braking plus automatic spring applied disc type parking brake.

Final drive Planetary reduction.

Swing speed 12.9rpm.

Swing gear Large diameter, internally toothed fully sealed grease bath lubricated.

Swing lock Switchable brake in cab.

UNDERCARRIAGE

Construction Fully welded, "X" frame type with central bellyguarding and track motor guards.

Sloping sidemembers with dirt relief holes under top rollers.

 Recovery point
 Front and rear.

 Track type
 Sealed and greased.

 Track shoe options
 550mm (22 inch).

Upper & lower rollers Heat treated, sealed and lubricated.

Track adjustment Grease cylinder type.

Track idler Sealed and lubricated, with spring cushioned recoil.

No. of track guides2 per sideNo. of lower rollers8 per sideNo. of upper rollers2 per sideNo. of track shoes46 per side

HYDRAULICS

A variable flow load sensing system with flow on demand, variable power output and servo operated, multi-function open centre control. Machine auto warm up standard – maximises performance in cold conditions.

Pumps

Main pumps2 variable displacement axial piston type.Maximum flow2 x 214 L/min (2 x 47 UK GPM).

Servo pump Gear type.

Maximum flow 20 L/min (4.4 UK GPM).

Control valve

A combined four and five spool control valve with auxiliary service spool as standard. When required twin pump flow is combined to boom, dipper and bucket services for greater speed and efficiency.

Relief valve settings

 Boom/Arm/Bucket
 343 bar (4975 lbf/sq.in)

 Automatic power boost
 373 bar (5410 lbf/sq.in)

 Swing circuit
 289 bar (4190 lbf/sq.in)

 Travel circuit
 343 bar (4975 lbf/sq.in)

 Pilot control
 40 bar (580 lbf/sq.in)

A separate Cushion Control valve in the servo system provides cushioning of the boom and dipper spools selection and quick warm-up of the servo system.

Hydraulic cylinders

Double acting type, with bolt-up end caps and hardened steel bearing bushes. End cushioning is fitted as standard on boom, dipper and bucket rams.

Optional hose burst check valves available for boom and dipper rams.

Filtration

The hydraulic components are protected by the highest standard of filtration to ensure long hydraulic fluid and component life.

In tank 150 micron, suction strainer.

Main return line 10 micron, fibreform element.

Plexus Bypass line 1.5 micron, paper element.

Pilot line 10 micron, paper element.

Hydraulic hammer return 10 micron, reinforced microform element.

Cooling

Cooling is provided via a full return line air blast cooler with anti-block wavy cooling fins and separate easy clean fine mesh grill.

TRACK DRIVE

Type Fully hydrostatic, three speed with autoshift between high and medium speed.

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 to prevent overspeeding on gradients.

Park brake Disc type, spring applied, automatic hydraulic release.

Low – 2.3 km/h (1.4 mph).

Tractive effort 191.9kN (19570 kgf, 43144 lbf).

A Product





EXCAVATOR END

Triple Articulated Boom and Monoboom available along with a choice of dipper lengths to suit the requirements of reach, digdepth, loadover height, tearouts and site versatility. Reserve strength is built into the fully welded structures for hydraulic hammer and other arduous operations.

Fabricated bucket tipping links are provided with a choice of lift points.

Strong, durable construction, large cross sections and multi plate fabrications to withstand high stress applications.

The 5.7m (18ft 8in) boom is designed to ensure the optimum digging envelope when matched with the three dipper lengths.

Low maintenance bronze alloy bushes with graphite plugs are fitted to boom base and boom to dipper pivots resulting in 1000 hour greasing intervals at these points.

CAB

Excellent digging, loading and positioning visibility results from the careful design of front, side and roof lights. All screens are tinted to improve in cab conditions.

Fully opening front screen is very smooth to operate and as the lower screen is stored within the top screen frame it makes complete front screen opening easy, fast and convenient.

Fresh air ventilation available from opening door window, opening slot in front screen and fully opening front screen.

Parallelogram wash wiper for upper screen ensuring good wiped area for maximum visibility. Wiper motor is fitted in the left hand side of the roof screen so as not to affect bucket visibility when loading. Optional lower screen wiper available.

Fresh air ventilation and heater with windscreen demister. Infinitely variable blower speed, temperature and recirculation control. Optional climate control. Fully adjustable deluxe suspension seat with arm rest adjustment and backrest recline. Optional radio with digital tuner fitted into the roof lining for maximum protection. Conveniently placed radio mute button incorporated into lower console. I2v power point and mobile phone holder built into the right hand console. Courtesy light can be operated from ground level and is illuminated for five minutes or until switched off improving operator access at night. Cab mounted roller blind protects operator from suns' glare through front or top screens.

AMS - ADVANCED MANAGEMENT SYSTEM

Four selectable working modes link the operators control movements with the engine and hydraulic systems to maximise productivity and efficiency.

A (Auto) Up to 100% engine power and 100% flow. Gives variable power and speed depending on the

operator's input, matching the demand for output and efficiency to the job. Power boost is automatically activated in this mode should hard conditions be encountered. Auto idle cuts in after

a period of inactivity (between 5 and 30 seconds as set by the operator)

E (Economy) 80% engine power. 95% of hydraulic flow maximises economy while maintaining excellent output.

P (Precision) 55% engine power. 90% of hydraulic flow for fine control of grading operations.

L (Lifting) 55% engine power. 63% of hydraulic flow with permanent power boost for maximum lifting

power and control.

The Auto mode allows the AMS processor to select the optimum operational performance to match the demands of the job while the three alternative modes give precise matching of application when specific tasks are undertaken.

The adjustable position monitor mounted on the front right hand pillar of the cab gives the operator a constant read out of mode, tracking range, operating temperature and a host of other information, while retaining excellent visibility of the monitor and the job being carried out.

The required flow for hammer applications can be set and stored in the AMS memory and is automatically activated whenever the hammer pedal is depressed.

A maintenance indicator warns of imminent service needs, and all servicing and basic checks can be carried out using only the in cab display.

CONTROLS

Excavator All servo lever operated to ISO control pattern, independently adjustable to the seat.

Tracks Individually servo operated by foot pedal or hand lever.

Speed selection via joystick button.

Auxiliary Via servo operated foot pedal.

Control isolation Via gate lock lever at cab entrance or panel switch.

Engine speed Dial type throttle control plus servo lever mounted one-touch idle control or separate selectable

auto-idle with adjustable time delay using AMS.

Engine stop Ignition key operated and seperate shut-down button.

Horn Operated via servo lever mounted button.

A Product





| | SERVICE CAPACIT | IES |
|----------------------------------|-----------------|-------------|
| Fuel tank | litres (UK gal) | 343 (75.5) |
| Engine coolant | litres (UK gal) | 25.5 (5.61) |
| Engine oil | litres (UK gal) | 21.5 (4.7) |
| Swing reduction gear | litres (UK gal) | 5.0 (1.1) |
| Track reduction gear (each side) | litres (UK gal) | 4.7 (1.0) |
| Hydraulic system | litres (UK gal) | 200 (44) |
| Hydraulic tank | litres (UK gal) | 120 (26.4) |
| | | |

WEIGHTS AND GROUND BEARING PRESSURES

Figures include 1.14cu.m. bucket, 760kg (1675lbs), operator, full fuel tank, 550mm track shoes and 2.4m dipper.

| | JS23 | 5 HD |
|----------|----------------|-------------------------|
| | Machine weight | Ground bearing pressure |
| | kg (lb) | kg/cm² (lb/in²) |
| TAB | 23970 (52845) | 0.53 (7.54) |
| Monoboom | 22920 (50530) | 0.51 (7.25) |

GENERAL PURPOSE EXCAVATOR BUCKETS

All buckets are JCB – Esco type fully welded steel, with sealed, hardened steel pivot pins and replaceable wear parts.

| Capacity (SAE heaped) | Weight |
|-----------------------|---|
| 0.40cu.m (0.52cu.yd) | 484kg (1067lb) |
| 0.71 cu.m (0.93cu.yd) | 595kg (1312lb) |
| 0.81 cu.m (1.06cu.yd) | 627kg (1382lb) |
| 1.03cu.m (1.35cu.yd) | 705kg (1555lb) |
| 1.05cu.m (1.37cu.yd) | 679kg (1497lb) |
| 1.14cu.m (1.49cu.yd) | 720kg (1588lb) |
| 1.19cu.m (1.56cu.yd) | 734kg (1618lb) |
| | 0.40cu.m (0.52cu.yd) 0.71cu.m (0.93cu.yd) 0.81cu.m (1.06cu.yd) 1.03cu.m (1.35cu.yd) 1.05cu.m (1.37cu.yd) 1.14cu.m (1.49cu.yd) |

STANDARD / OPTIONAL EQUIPMENT

Standard Equipment: Engine fan guard; Cold start pre-heat; Auto engine warm up; Double element air cleaner; Radiator fine mesh grille; Electric refuelling pump; Heavy duty alternator; Electrics isolator; Heavy duty batteries; Cab & engine soundproofing; Cab heater & screen demister; Tinted glass; Interior light; Coat hook; Cigarette lighter; Ashtray; Operator's storage shelf; Removable floormat; Windscreen wash/wipe; Plug-in power socket; Automatic power boost; Auto-idle; One-touch engine speed control; Hydraulic cushion control; Boom/swing priority switch; Plexus hydraulic oil filtration; HSP pressure test points; Auxiliary pipework mounting brackets; Work lights – boom & mainframe mounted; Undercarriage belly guarding; Upper structure under covers; Swing system cover; Twin track guides; External mirrors; Handrail & non slip walk ways; Quick connect engine oil drain pipe; Front screen blind; Quick connect fuel tank drain pipe; Hinged engine under cover; Remote filter system.

Optional Equipment: Hose burst check valves & overload warning system; Tipping link mounted lift points; General purpose buckets; Ditch/grading buckets; Quickhitch buckets; Hydraulic hammers; Auxiliary pipework (full and low flow); Climate control; Cab mounted & rear work lights; Rotating beacon; Rain guard; Biodegradeable oil; Air suspension seat with heated pad and lumbar support adjustment; Radio; High and low temperature hydraulic oil option.





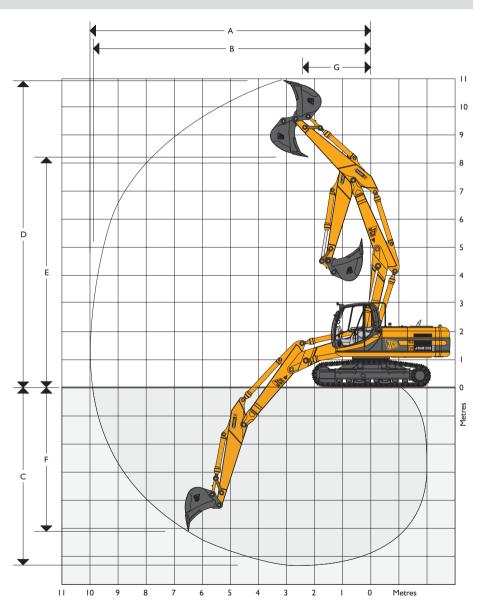


WORKING RANGES

| Во | om length 5.70m (18ft 8in) | | | | | | | |
|----|--------------------------------------|-----------|---------------|---------------|---------------|--|--|--|
| Di | oper length | m (ft-in) | 1.91 (6-3) | 2.40 (7-10) | 3.00 (9-10) | | | |
| Α | Max digging reach | m | 8890 (29-2) | 9340 (30-8) | 9890 (32-5) | | | |
| В | Max digging reach (on ground) | m (ft-in) | 8700 (28-7) | 9160 (30-1) | 9700 (31-10) | | | |
| С | Max digging depth | m (ft-in) | 5430 (17-10) | 5920 (19-5) | 6500 (21-4) | | | |
| D | Max digging height | m (ft-in) | 9050 (29-8) | 9300 (30-6) | 9500 (31-2) | | | |
| Е | Max dumping height | m (ft-in) | 6410 (21-0) | 6630 (21-9) | 6850 (22-6) | | | |
| F | Max vertical wall cut depth | m (ft-in) | 4800 (15-9) | 5370 (17-7) | 5970 (19-7) | | | |
| G | Minimum swing radius | m (ft-in) | 3760 (12-4) | 3710 (12-2) | 3600 (11-10) | | | |
| | Bucket rotation | | 183° | 183° | 183° | | | |
| | Dipper tearout (ISO 6015) | kgf (lbf) | 13450 (29652) | 11560 (25485) | 9590 (29652) | | | |
| | Dipper tearout with boost (ISO 6015) | kgf (lbf) | 14610 (32209) | 12550 (27668) | 10410 (22950) | | | |
| | Bucket tearout (ISO 6015) | kgf (lbf) | 14550 (32077) | 14550 (32077) | 14550 (32077) | | | |
| | Bucket tearout with boost (ISO 6015) | kgf (lbf) | 15800 (34833) | 15800 (34833) | 15800 (34833) | | | |
| | | | | | | | | |

Boom length 5.70m (18ft 8in)

| Di | pper length | m (ft-in) | 1.91 (6-3) | 2.40 (7-10) | 3.00 (9-10) | | |
|----|--------------------------------------|-----------|---------------|---------------|---------------|--|--|
| Α | Max digging reach | m (ft-in) | 9000 (29-6) | 9440 (31-0) | 9980 (32-9) | | |
| В | Max digging reach (on ground) | m (ft-in) | 8810 (28-11) | 9260 (30-5) | 9810 (32-2) | | |
| С | Max digging depth | m (ft-in) | 5190 (19-5) | 5670 (18-7) | 6250 (20-6) | | |
| D | Max digging height | m (ft-in) | 10300 (33-10) | 10640 (34-11) | 11010 (36-1) | | |
| Е | Max dumping height | m (ft-in) | 7410 (24-4) | 7750 (25-5) | 8110 (26-7) | | |
| F | Max vertical wall cut depth | m (ft-in) | 3490 (12-11) | 4440 (14-7) | 5020 (16-6) | | |
| G | Minimum swing radius | m (ft-in) | 2500 (8-2) | 2550 (8-4) | 2290 (7-6) | | |
| | Bucket rotation | | 183° | 183° | 183° | | |
| | Dipper tearout (ISO 6015) | kgf (lbf) | 13450 (29652) | 11560 (25485) | 9590 (29652) | | |
| | Dipper tearout with boost (ISO 6015) | kgf (lbf) | 14610 (32209) | 12550 (27668) | 10410 (22950) | | |
| | Bucket tearout (ISO 6015) | kgf (lbf) | 14550 (32077) | 14550 (32077) | 14550 (32077) | | |
| | Bucket tearout with boost (ISO 6015) | kgf (lbf) | 15800 (34833) | 15800 (34833) | 15800 (34833) | | |
| | | | | | | | |



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LIFT CAPACITIES - Dipper length: 1.9m, Monoboom, Trackshoes: 550mm, No bucket.

JS235 HD

| Reach | 3m (9ft 10in) | | 4.5m (14ft 9in) | | 6m (19ft 8in) | | 7.5m (24ft 7in) | | Max. Reach | | Max. Reach |
|-------------------|---------------|-------|-----------------|---------|---------------|------|-----------------|----------|------------|------|------------|
| | | 1 | | <u></u> | | | | <u> </u> | | 1 | |
| Load Point Ht. | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | mm |
| 6.0m (19.8ft) | | | | | 6380* | 5200 | | | 5720* | 5060 | 6105 |
| 4.5m (14.9ft) | | | 8020* | 7670 | 6720* | 5100 | | | 5700* | 4140 | 6907 |
| 3.0m (9.10ft) | | | 9870* | 7190 | 7470* | 4910 | | | 5980* | 3740 | 7318 |
| I.5m (4.11ft) | | | 11210* | 6850 | 8140 | 4740 | | | 6030 | 3600 | 7406 |
| 0m | | | 11510* | 6750 | 8030 | 4640 | | | 6240 | 3710 | 7182 |
| - I.5m (- 4.11ft) | 13010* | 12560 | 11040* | 6770 | 8020 | 4640 | | | 7010 | 4120 | 6614 |
| - 3.0m (- 9.10ft) | 12760* | 12730 | 9650* | 6910 | | | | | 7600* | 5200 | 5596 |
| – 4.5m (– 14.9ft) | | | | | | | | | | | |

LIFT CAPACITIES - Dipper length: 2.4m, Monoboom, Trackshoes: 550mm, No bucket.

JS235 HD

| Reach | 3m (9ft 10in) | | 4.5m (14ft 9in) | | 6m (19ft 8in) | | 7.5m (24ft 7in) | | Max. Reach | | Max. Reach |
|-------------------|---------------|----------|-----------------|-------|---------------|------|-----------------|------|------------|-------|------------|
| | | <u>.</u> | = | H | == | ļ. | | H | = | | |
| Load Point Ht. | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | mm |
| 7.5m (24.7ft) | | | | | | | | | 5230* | 5230* | 5547 |
| 6.0m (19.8ft) | | | | | 5810* | 5280 | | | 4790* | 4370 | 6767 |
| 4.5m (14.9ft) | | | 7330* | 7330* | 6290* | 5150 | | | 4690* | 3700 | 7497 |
| 3.0m (9.10ft) | | | 9230* | 7320 | 7110* | 4950 | 6020 | 3630 | 4800* | 3380 | 7878 |
| I.5m (4.11ft) | | | 10820* | 6930 | 7930* | 4760 | 5920 | 3540 | 5120* | 3270 | 7959 |
| 0m | | | 11480* | 6760 | 8020 | 4640 | 5860 | 3490 | 5600 | 3350 | 7751 |
| - I.5m (- 4.11ft) | 10850* | 10850* | 11300* | 6740 | 7980 | 4600 | | | 6160 | 3650 | 7229 |
| - 3.0m (- 9.10ft) | 14090* | 12580 | 10270* | 6820 | 7560* | 4670 | | | 6980* | 4400 | 6313 |
| - 4.5m (- I4.9ft) | | | 7500* | 7080 | | | | | 6850* | 6550 | 4777 |

LIFT CAPACITIES - Dipper length: 3.0m, Monoboom, Trackshoes: 550mm, No bucket.

JS235 HD

| Reach | I.5m (4 | I.5m (4ft IIin) | | 3m (9ft 10in) | | 4.5m (14ft 9in) | | 6m (19ft 8in) | | 7.5m (24ft 7in) | | Max. Reach | |
|-------------------|---------|-----------------|--------|---------------|--------|-----------------|-------|---------------|-------|-----------------|-------|------------|------|
| | | 1 | | 1 | == | <u>ļ</u> | == | 1 | | J. | == | ß | |
| Load Point Ht. | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | mm |
| 7.5m (24.7ft) | | | | | | | 4350* | 4350* | | | 3440* | 3440* | 6285 |
| 6.0m (19.8ft) | | | | | | | 5170* | 5170* | | | 3210* | 3210* | 7382 |
| 4.5m (14.9ft) | | | | | | | 5740* | 5220 | 5190* | 3750 | 3160* | 3160* | 8056 |
| 3.0m (9.10ft) | | | 11580* | 11580* | 8380* | 7460 | 6630 | 5000 | 5810* | 3650 | 3230* | 3080 | 8411 |
| I.5m (4.11ft) | | | | | 10200* | 7010 | 7560* | 4790 | 5930 | 3550 | 3430* | 2990 | 8488 |
| 0m | | | 6400* | 6400* | 11240* | 6760 | 8020 | 4630 | 5840 | 3460 | 3800* | 3040 | 8293 |
| - I.5m (- 4.11ft) | 6500* | 6500* | 10510* | 10510* | 11410* | 6680 | 7940 | 4560 | 5800 | 3430 | 4470* | 3270 | 7807 |
| - 3.0m (- 9.10ft) | 10890* | 10890* | 15320* | 12370 | 10770* | 6720 | 7960 | 4580 | | | 5790* | 3810 | 6969 |
| - 4.5m (- I4.9ft) | | | 12460* | 12460* | 8920* | 6890 | | | | | 6760* | 5150 | 5619 |

Lift capacity front and rear.

- Notes: I. 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.

A Product of Hard Work

Lift capacity full circle.





LIFT CAPACITIES - Dipper length: I.9m, T.A.B., Trackshoes: 550mm, No bucket.

JS235 HD

| Reach | 3m (9ft 10in) | | 4.5m (14ft 9in) | | 6m (19ft 8in) | | 7.5m (24ft 7in) | | Max. Reach | | Max. Reach |
|-------------------|---------------|--|-----------------|------------|---------------|------|-----------------|----|------------|-------|------------|
| | | <u> </u> | === | <u>.[.</u> | == | ļ | | 1 | | ļ. | |
| Load Point Ht. | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | mm |
| 7.5m (24.7ft) | | | | | | | | | 6350* | 6350* | 4193 |
| 6.0m (19.8ft) | | | 7250* | 7250* | | | | | 5890* | 5640 | 5715 |
| 4.5m (I4.9ft) | 11970* | 11970* | 8350* | 7810 | 7030* | 5140 | | | 5960* | 4480 | 6565 |
| 3.0m (9.10ft) | | | 9980* | 7280 | 7650* | 4930 | | | 6360* | 3960 | 6998 |
| I.5m (4.11ft) | | | 11160* | 6850 | 8180 | 4730 | | | 6420 | 3790 | 7089 |
| 0m | | | 11340* | 6680 | 8030 | 4600 | | | 6650 | 3880 | 6855 |
| - I.5m (- 4.11ft) | 13950* | 12280 | 10660* | 6670 | 7960* | 4580 | | | 7550 | 4350 | 6256 |
| - 3.0m (- 9.10ft) | | | 8840* | 6800 | | | | | 7590* | 5670 | 5167 |
| | | | | | | | | | | | |

LIFT CAPACITIES - Dipper length: 2.4m, T.A.B., Trackshoes: 550mm, No bucket.

JS235 HD

| Load Point Ht. 7.5m (24.7ft) 6.0m (19.8ft) 4.5m (14.9ft) | kg | kg 合 | kg | kg | kg | kg | ₽₽ | ke | ₽ | | mm |
|--|--------|---------|--------|-------|-------|------|-------|------|----------|-------|--------|
| 7.5m (24.7ft) 6.0m (19.8ft) 4.5m (14.9ft) | kg | kg | kg | kg | kg | kg | kg | kg | kσ | kσ | mm |
| 6.0m (19.8ft) 4.5m (14.9ft) | | | | | | | | | | Ng Ng | 111111 |
| 4.5m (14.9ft) | | | | | | | | | 5300* | 5300* | 5080 |
| | | | 6580* | 6580* | 6250* | 5330 | | | 4890* | 4810 | 6391 |
| ' '- | 10330* | 10330* | 7710* | 7710* | 6600* | 5210 | | | 4850* | 3970 | 7160 |
| 3.0m (9.10ft) | | | 9400* | 7430 | 7320* | 4990 | 5520* | 3610 | 5040* | 3570 | 7558 |
| I.5m (4.11ft) | | | 10830* | 6950 | 8020* | 4760 | 5930 | 3510 | 5490* | 3420 | 7643 |
| 0m | 6700* | 6700* | 11360* | 6710 | 8030 | 4600 | | | 5930 | 3490 | 7426 |
| - I.5m (- 4.11ft) | 13480* | 12170 | 11000* | 6640 | 7960 | 4540 | | | 6570 | 3820 | 6879 |
| - 3.0m (- 9.10ft) | 13060* | 12350 | 9630* | 6710 | | | | | 7040 | 4700 | 5907 |

LIFT CAPACITIES - Dipper length: 3.0m, T.A.B., Trackshoes: 550mm, No bucket.

JS235 HD

| Reach | I.5m (4ft IIin) | | 3m (9ft 10in) | | 4.5m (14ft 9in) | | 6m (19ft 8in) | | 7.5m (24ft 7in) | | Max. Reach | | Max. Reach |
|-------------------|-----------------|---------|---------------|--------|-----------------|----------|---------------|-------|-----------------|------|------------|-------|------------|
| | = | <u></u> | | 1 | | <u> </u> | | | | - | | - | |
| Load Point Ht. | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | mm |
| 7.5m (24.7ft) | | | | | | | | | | | 3530* | 3530* | 5811 |
| 6.0m (19.8ft) | | | | | | | 5440* | 5440* | | | 3320* | 3320* | 6984 |
| 4.5m (14.9ft) | | | | | 6870* | 6870* | 6070* | 5300 | 4120* | 3760 | 3300* | 3300* | 7694 |
| 3.0m (9.10ft) | | | 13270* | 13270* | 8620* | 7600 | 6860* | 5060 | 5780* | 3660 | 3430* | 3270 | 8065 |
| I.5m (4.11ft) | | | 6990* | 6990* | 10290* | 7070 | 7680* | 4800 | 5950 | 3530 | 3710* | 3140 | 8145 |
| 0m | | | 8570* | 8570* | 11190* | 6730 | 8050 | 4610 | 5840 | 3430 | 4220* | 3180 | 7942 |
| – I.5m (– 4.11ft) | 7860* | 7860* | 12600* | 12020 | 11200* | 6600 | 7930 | 4500 | | | 5160* | 3420 | 7433 |
| - 3.0m (- 9.10ft) | | | 14500* | 12150 | 10290* | 6610 | 7600* | 4510 | | | 6730* | 4050 | 6545 |
| - 4.5m (- I4.9ft) | | | | | 7870* | 6800 | | | | | 6750 | 5780 | 5082 |

Lift capacity front and rear.

- Notes: I. 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.

A Product of Hard Work



A GLOBAL COMMITMENT TO QUALITY

JCB's total commitment to its products and customers has helped it grow from a one-man business into Britain's largest privately owned manufacturer of backhoe loaders, crawler excavators, wheeled excavators, telescopic handlers, wheeled loaders, dump trucks, rough terrain fork lifts, industrial fork lifts, mini/midi excavators, skid steer loaders and tractors.

By making constant and massive investments in the latest production technology, the JCB factories have become some of the most advanced in Europe.

By leading the field in innovative research and design, extensive testing and stringent quality control, JCB machines have become renowned all over the world for performance, value and reliability.

And with a global sales and service network of over 400 distributors and agents, the company exports over 70% of its production to all five continents.

Through setting the standards by which others are judged, JCB has become one of Britain's most impressive success stories.



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