



**WHEELED EXCAVATOR | JS160W**

Engine power: 97kW (130hp) Bucket capacity: 0.25 – 0.87m<sup>3</sup> Operating weight: 16,256 – 18,982kg





# STRENGTH & DURABILITY.

With JCB excavators, strength and durability come as standard. Advanced design, manufacturing and assembly produces high quality components designed to last.



## MINIMUM DOWNTIME.

Automatic regeneration minimises downtime, while features such as autostop and auto-idle reduce idle time.



## PRODUCTIVITY & PERFORMANCE.

Our wheeled excavator range is designed to make the most efficient use of your time and money using innovative Stage V features.



## GREATER SERVICEABILITY.

Our excavator range is designed to be low maintenance and easily serviceable. When maintenance needs to be carried out, it will be quick and easy.

## A COMFORTABLE OFFICE.

Our excavator cab houses a range of advanced technology features alongside ergonomic design, to create a comfortable working environment for operators.

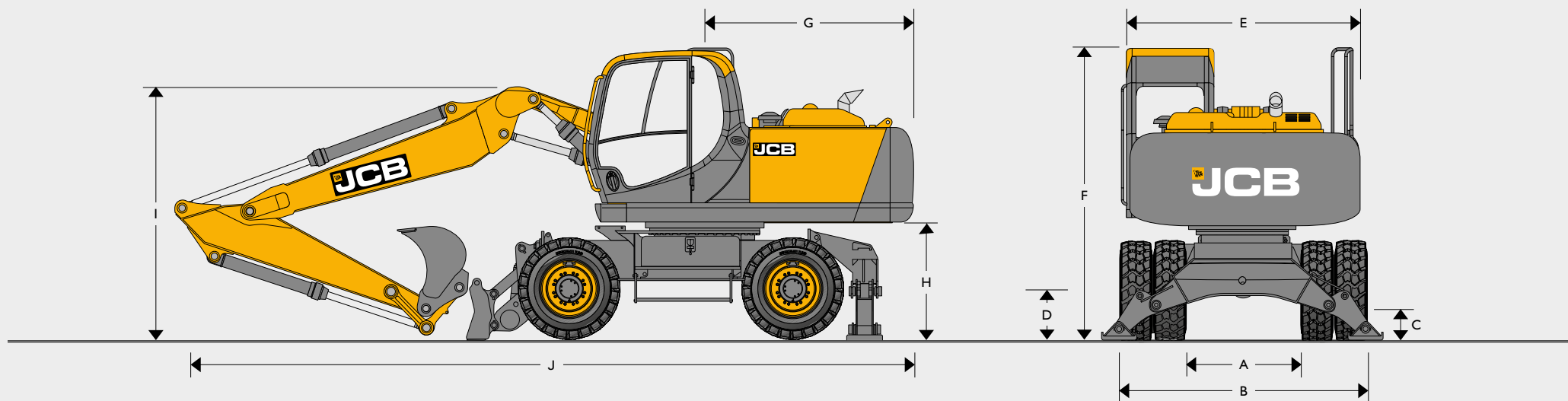


## THE SAFE CHOICE.

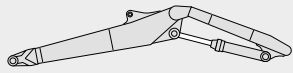
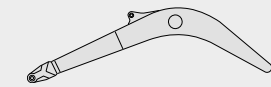
Operator and site safety are of major importance. That's why our machines incorporate many features that minimise risk and create a safer environment.

**STATIC DIMENSIONS**

MAX. OPERATING WEIGHT: 18,982kg ENGINE POWER: 97kW (130hp)

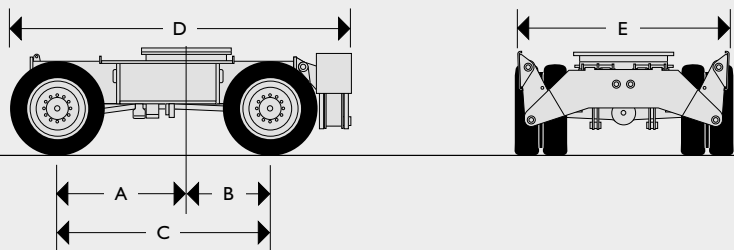


| STATIC DIMENSIONS         |  |              |                       |
|---------------------------|--|--------------|-----------------------|
| A                         | Internal width between dual wheels       | mm           | 1330                  |
| B                         | External width over dual wheels          | mm           | 2498 (JCB), 2528 (ZF) |
| C                         | Ground clearance                         | mm           | 350                   |
| D                         | Height to axle centre line dual wheels   | mm           | 498                   |
|                           | Height to axle centre line single wheels | mm           | 519                   |
| E                         | Overall width (handrail removed)         | mm           | 2480                  |
| F                         | Height over cab                          | mm           | 3195                  |
| G                         | Tail length                              | mm           | 2330                  |
| H                         | Clearance under counterweight            | mm           | 1270                  |
| <b>Monoboom 5.15m</b>     |  |              |                       |
| <b>Dipper length</b>      |  | <b>2.25m</b> | <b>2.70m</b>          |
| I                         | Transport boom height                    | mm           | 2765                  |
| J                         | Transport length                         | mm           | 8285                  |
| <b>JJS160W: TAB 4.97m</b> |  |              |                       |
| <b>Dipper length</b>      |  | <b>2.25m</b> | <b>2.70m</b>          |
| I                         | Transport boom height                    | mm           | 2806                  |
| J                         | Transport length                         | mm           | 8263                  |



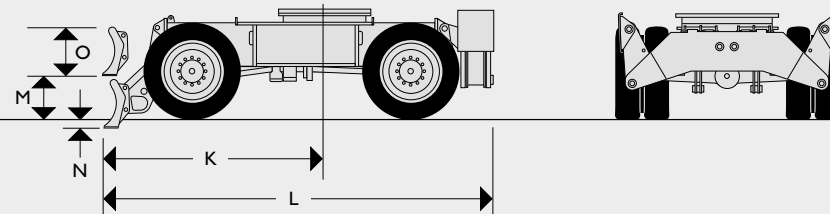


CHASSIS OPTIONS



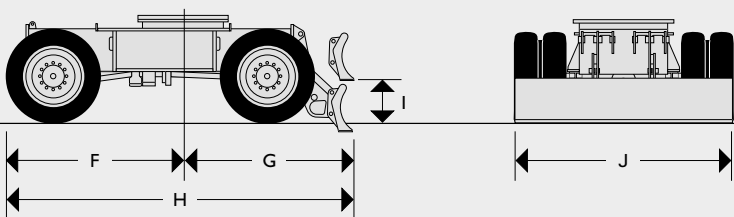
STABILISERS REAR

|   |                                   |    |      |
|---|-----------------------------------|----|------|
| A | Centre of slew ring to front axle | mm | 1500 |
| B | Centre of slew ring to rear axle  | mm | 1000 |
| C | Wheelbase                         | mm | 2500 |
| D | Length including rear stabilizers | mm | 3950 |
| E | Width over stabilizers (raised)   | mm | 2480 |



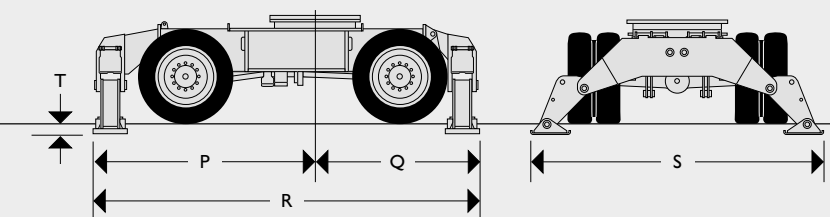
DOZER FRONT STABILISER

|   |   |    |      |
|---|---|----|------|
| K | Centre of slew ring to front dozer blade (lowered)    | mm | 2530 |
| L | Length including stabilizers and dozer blade (raised) | mm | 4460 |
| M | Ground level to bottom of front dozer blade (raised)  | mm | 450  |
| N | Dozer blade dig depth                                 | mm | 130  |
| O | Dozer blade height                                    | mm | 500  |



DOZER REAR

|   |   |    |      |
|---|---|----|------|
| F | Centre of slew ring to face of front tyre           | mm | 1990 |
| G | Centre of slew ring to rear dozer blade (lowered)   | mm | 2090 |
| H | Length including rear dozer blade (raised)          | mm | 4050 |
| I | Ground level to bottom of rear dozer blade (raised) | mm | 450  |
| J | Dozer blade width                                   | mm | 2480 |



STABILISERS FRONT & REAR

|   |   |    |      |
|---|---|----|------|
| P | Centre of slew ring to front stabilizers    | mm | 2520 |
| Q | Centre of slew ring to rear stabilizers     | mm | 1960 |
| R | Length including front and rear stabilizers | mm | 4480 |
| S | Width over stabilizers (lowered)            | mm | 3550 |
| T | Stabilizer lift height                      | mm | 130  |

| ENGINE                  |   |
|-------------------------|---|
| Model                   | JCB DIESELMAX 448 TCA EU Stage V  |
| Type                    | 4-stroke, 4-cylinder in-line, common rail, direct injection, turbo charged and intercooled diesel |
| Rated power (ISO 14396) | 97kW (130hp) @ 2200rpm.   |
| Piston displacement     | 4.765 litres.   |
| Injection               | Electronic injection.   |
| Air filtration          | Dry element with secondary safety element and in cab warning indicator.                           |
| Cooling                 | Large capacity radiator.  |
| Starting system         | 24 volt – 4kW.  |
| Batteries               | 2 x 12 volt Heavy Duty.   |
| Alternator              | 24 volt 100 amp   |
| Refuelling pump         | Electric type (optional).   |

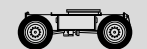






| SWING SYSTEM |  |
|--------------|--|
| Drive train  | Axial piston motor and planetary reduction final drive.                  |
| Swing brake  | Hydraulic braking plus automatic spring applied disc type parking brake. |
| Swing speed  | 8.9rpm   |
| Swing gear   | Large diameter, internally toothed fully sealed grease bath lubricated.  |
| Swing lock   | Multi position switchable brake and mechanical lock.                     |

| EXCAVATOR END  |  |
|--|--|
| <p>Monoboom and triple articulating boom available along with a choice of dipper lengths to suit the requirements of reach, dig-depth, loadover height, tearouts and site versatility. Reserve strength is built into the fully welded structures for hydraulic hammer and other arduous operations.</p> <p>Fabricated bucket tipping links are provided with a choice of lift points.</p> <p>Strong, durable construction, large cross sections and multi plate fabrications to withstand high stress applications.</p> |  |

| CHASSIS                |  |                        |              |
|------------------------|--|------------------------|--------------|
| <b>Chassis options</b> |  |                        |              |
| Dozer blade            | Front or rear pin mount.   |                        |              |
| Stabilisers            | Front or rear pin mount, independently operable – plus combinations. |                        |              |
| Grab stowage           | Heavy duty, pin mounted stowage bar.                                 |                        |              |
| Axles                  | Four wheel drive.  |                        |              |
| Axle load capacity     | 25 tonnes (JCB), 32 tonnes (ZF)                                      |                        |              |
| Axle oscillation       | +/- 8.5 degrees.   |                        |              |
| Ground clearance       | 350mm.   |                        |              |
| Transmission           | Hydrostatic drive via piston motor and powershift transmission.      |                        |              |
| Travel speed           | Creep speed  | 2.77kph (JCB)          | 2.7kph (ZF)  |
|                        | Low ratio  | 7.0kph (JCB)           | 6.8kph (ZF)  |
|                        | High ratio   | 28.4kph (JCB)          | 27.6kph (ZF) |
| Drawbar pull           | 99.7 kN (JCB Axle), 102.5 kN (ZF Axle)                               |                        |              |
| Steering               | Fully hydraulic system.  |                        |              |
| Turning radius         | To outside of tyres  | 6.66m (JCB), 6.22 (ZF) |              |
|                        | To outer edge of front mounted dozer blade                           | 7.09m (JCB), 6.67 (ZF) |              |
| Brakes                 | All hydraulic, dual circuit brake system.                            |                        |              |
| Parking brake          | Built into the transmission.   |                        |              |
| Gradability            | 35° 70% max. continuous.   |                        |              |

| TYRES |  |                            |               |
|-------|--|----------------------------|---------------|
|       | Twins                                    | Single                     | Flotation     |
|       | 10.00 x 20 tyres (16PR) with spacer ring | 18R x 19.5 tyres (Radials) | 600/40 x 22.5 |

## OPERATING WEIGHTS

| Chassis   |    |  |  |  |  |
|---|---|---|---|---|--|
|  | 16256kg   | 17126kg   | 17241kg   | 18111kg   | 18226kg  |
|  | 17012kg   | 17883kg   | 17997kg   | 18868kg   | 18982kg  |
| <b>JSI 60W</b>  | Machine equipped with 3.05m arm, excavating bucket and dual wheels.<br>For single wheels subtract 400kg. For 2.7m arm subtract 48kg. For 2.25m arm subtract 106kg |   |   |   |  |

## BUCKET AND ARM COMBINATION

| Arm length                          | No quickhitch fitted |      |       | Quickhitch fitted* |      |       | Bucket weight |
|-------------------------------------|----------------------|------|-------|--------------------|------|-------|---------------|
|                                     | 2.25m                | 2.7m | 3.05m | 2.25m              | 2.7m | 3.05m |               |
| <b>JSI 60W mono</b>                 |                      |      |       |                    |      |       |               |
| GP bucket 457mm 0.25m <sup>3</sup>  | □                    | □    | □     | □                  | □    | □     | 348kg         |
| GP bucket 610mm 0.33m <sup>3</sup>  | □                    | □    | □     | □                  | □    | □     | 381kg         |
| GP bucket 762mm 0.46m <sup>3</sup>  | □                    | □    | □     | □                  | □    | ■     | 428kg         |
| GP bucket 1067mm 0.73m <sup>3</sup> | ■                    | ■    | ●     | ●                  | ●    | ×     | 526kg         |
| GP bucket 1219mm 0.87m <sup>3</sup> | ●                    | ●    | ×     | ×                  | ×    | ×     | 580kg         |
| <b>JSI 60W Tab</b>                  |                      |      |       |                    |      |       |               |
| GP bucket 457mm 0.25m <sup>3</sup>  | □                    | □    | □     | □                  | □    | □     | 348kg         |
| GP bucket 610mm 0.33m <sup>3</sup>  | □                    | □    | □     | □                  | □    | □     | 381kg         |
| GP bucket 762mm 0.46m <sup>3</sup>  | □                    | □    | □     | □                  | □    | ■     | 428kg         |
| GP bucket 1067mm 0.73m <sup>3</sup> | ■                    | ■    | ●     | ●                  | ●    | ×     | 526kg         |
| GP bucket 1219mm 0.87m <sup>3</sup> | ●                    | ●    | ×     | ×                  | ×    | ×     | 580kg         |

Notes: Bucket compatibility based upon lift values (ISO 10567) for a rear dozer machine, compatibility will change based upon chassis options.

□ = Suitable for general excavating (materials up to 2000kg/cu.m).

■ = Suitable for light excavating (materials up to 1600kg/cu.m).

● = Suitable for grading & loading (materials up to 1200kg/cu.m).

×

\* Bucket capacity using JCB quickhitch only (quickhitch = 288kg).

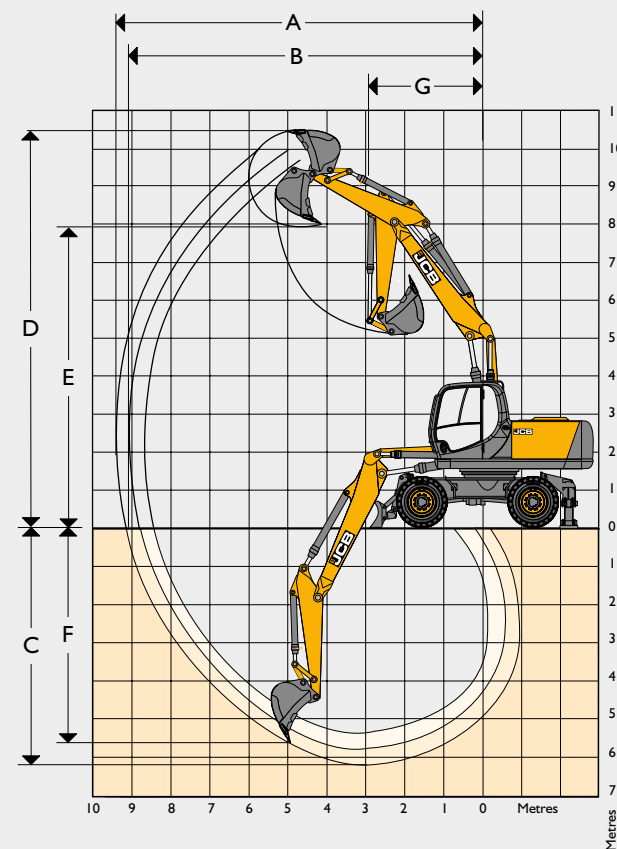
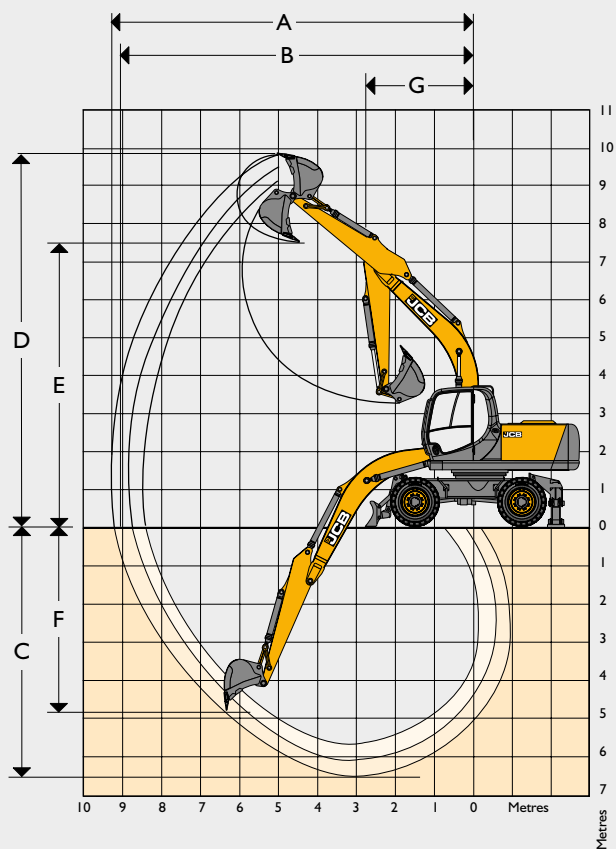
## SERVICE CAPACITIES

|                                    |        |                   |
|------------------------------------|--------|-------------------|
| Fuel tank                          | litres | 310               |
| Engine coolant                     | litres | 19.5              |
| Engine oil                         | litres | 20.4              |
| Swing reduction gear               | litres | 6                 |
| Hydraulic system                   | litres | 124               |
| Hydraulic tank                     | litres | 73                |
| Transmission                       | litres | 2.5               |
| Axle differentials (each)          | litres | Rear 12, Front 14 |
| Axle hubs (each)                   | litres | 2.0               |
| DEF fluid capacity (if applicable) |        | 31.4              |

## MAIN HYDRAULIC SYSTEM

|   |   |
|---|---|
| <b>System</b>                           | Open centred, negative control hydraulic system with twin variable flow piston pumps providing flow-on-demand for maximum efficiency.                         |
| <b>Main pumps</b>                       | 2 variable displacement axial piston type.  |
| Maximum flow                            | 2 x 130 l/min.  |
| Main circuit pressure                   | 314 bar.  |
| With power boost                        | 343 bar.  |
| <b>Servo pump</b>                       | Gear type.  |
| Maximum flow                            | 22 l/min.   |
| Servo pressure                          | 40 bar.   |
| <b>Optional circuits</b>                |   |
| <b>Hammer</b>                           | Includes automatic engine speed setting and return filter.  |
| Maximum flow                            | 126 l/min.  |
| Maximum pressure                        | 314 bar (pre-set to 210 bar).   |
| <b>Aux double acting</b>                |   |
| Maximum flow                            | 130 l/min.  |
| Maximum pressure for grab ram operation | 314 (343) bar.  |
| <b>Low flow pipework</b>                | 36 l/min.   |
| <b>Hydraulic cylinders</b>              | Hardened, chromed piston rods and end cushioning on boom, dipper and bucket crowd cylinder.   |
| <b>Filtration</b>                       |   |
| In tank                                 | 150 micron, suction strainer.   |
| Main return line                        | 10 micron, fibreform element.   |
| Pilot line                              | 10 micron, paper element.   |
| Hydraulic hammer return                 | 10 micron, reinforced microform element.  |
| <b>Cooling</b>                          | Worldwide cooling is provided by a single faced engine water, hydraulic oil and intercooler with swing forwards air conditioning condenser for easy cleaning. |

WORKING RANGES – JS160W














5.15m Monoboom



| Dipper length |                               | 2.25m | 2.70m | 3.05m |       |
|---------------|-------------------------------|-------|-------|-------|-------|
| A             | Max digging reach             | mm    | 8592  | 8974  | 9352  |
| B             | Max digging reach (on ground) | mm    | 8386  | 8776  | 9163  |
| C             | Max digging depth             | mm    | 5682  | 6120  | 6451  |
| D             | Max digging height            | mm    | 9102  | 9237  | 9688  |
| E             | Max loadover height           | mm    | 6636  | 6805  | 7174  |
| F             | Max vertical wall cut depth   | mm    | 3826  | 4178  | 4839  |
| G             | Min swing radius              | mm    | 3019  | 2961  | 2971  |
|               | Bucket rotation               |       | 183°  | 183°  | 183°  |
|               | Dipper tearout                | kgf   | 10128 | 8440  | 7470  |
|               | Dipper tearout with boost     | kgf   | 10990 | 9160  | 8100  |
|               | Bucket tearout                | kgf   | 10400 | 10400 | 10400 |
|               | Bucket tearout with boost     | kgf   | 10740 | 10740 | 10740 |

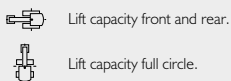
4.97m T.A.B.

| Dipper length |                               | 2.25m | 2.70m | 3.05m |       |
|---------------|-------------------------------|-------|-------|-------|-------|
| A             | Max digging reach             | mm    | 8600  | 9025  | 9350  |
| B             | Max digging reach (on ground) | mm    | 8400  | 8850  | 9195  |
| C             | Max digging depth             | mm    | 5300  | 5750  | 6100  |
| D             | Max digging height            | mm    | 9700  | 10000 | 10235 |
| E             | Max loadover height           | mm    | 7000  | 7325  | 7575  |
| F             | Max vertical wall cut depth   | mm    | 4450  | 4900  | 5250  |
| G             | Min swing radius              | mm    | 2725  | 2675  | 2635  |
|               | Bucket rotation               |       | 183°  | 183°  | 183°  |
|               | Dipper tearout                | kgf   | 9035  | 7530  | 6665  |
|               | Dipper tearout with boost     | kgf   | 9600  | 8100  | 7235  |
|               | Bucket tearout                | kgf   | 10400 | 10400 | 10400 |
|               | Bucket tearout with boost     | kgf   | 10740 | 10740 | 10740 |

| LIFT CAPACITIES – DIPPER LENGTH: 2.25M, 5.15M MONOBOOM, REAR DOZER, NO BUCKET. |   |   |   |   |   |   |   |   |   |   |   |   | JSI60W MONO |
|--|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Reach  | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |             |
|  |  |  |  |  |  |  |  |  |  |  |  |  |             |
| Load Point Ht.   | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm          |
| 7.5m   |   |   |   |   | 4360*   | 4360*   |   |   |   |   | 3830*   | 3830*   | 4620        |
| 6.0m   |   |   |   |   | 5080*   | 4470  | 3530*   | 2760  |   |   | 3330*   | 2740  | 6031        |
| 4.5m   |   |   |   |   | 5710*   | 4260  | 4890*   | 2730  |   |   | 3190*   | 2190  | 6838        |
| 3.0m   |   |   |   |   | 6740*   | 3940  | 5250*   | 2600  |   |   | 3230*   | 1940  | 7248        |
| 1.5m   |   |   |   |   | 7530*   | 3650  | 5580*   | 2470  |   |   | 3440*   | 1850  | 7330        |
| 0m   |   |   | 5580*   | 5580*   | 7600*   | 3510  | 5600*   | 2380  |   |   | 3880*   | 1910  | 7094        |
| - 1.5m   | 6310*   | 6310*   | 9440*   | 6460  | 6950*   | 3490  | 5060*   | 2370  |   |   | 4400*   | 2150  | 6508        |
| - 3.0m   | 8760*   | 8760*   | 7190*   | 6620  | 5360*   | 3580  |   |   |   |   | 4000*   | 2790  | 5454        |
| - 4.5m   |   |   | 2810*   | 2810*   |   |   |   |   |   |   | 2280*   | 2280*   | 3524        |













| LIFT CAPACITIES – DIPPER LENGTH: 2.70M, 5.15M MONOBOOM, REAR DOZER, NO BUCKET. |   |   |   |   |   |   |   |   |   |   |   |   | JSI60W MONO |
|--|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Reach  | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |             |
|  |  |  |  |  |  |  |  |  |  |  |  |  |             |
| Load Point Ht.   | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm          |
| 7.5m   |   |   |   |   |   |   |   |   |   |   | 2880*   | 2880*   | 5238        |
| 6.0m   |   |   |   |   |   |   | 4040*   | 2860  |   |   | 2580*   | 2460  | 6514        |
| 4.5m   |   |   |   |   | 5290*   | 4370  | 4610*   | 2780  |   |   | 2500*   | 2010  | 7266        |
| 3.0m   |   |   | 9710*   | 7300  | 6360*   | 4010  | 5040*   | 2630  | 3370*   | 1860  | 2540*   | 1800  | 7653        |
| 1.5m   |   |   | 5120*   | 5120*   | 7290*   | 3680  | 5450*   | 2480  | 4100*   | 1800  | 2690*   | 1710  | 7731        |
| 0m   |   |   | 6660*   | 6250  | 7590*   | 3480  | 5600*   | 2360  | 3080*   | 1750  | 3020*   | 1750  | 7508        |
| - 1.5m   | 6070*   | 6070*   | 10140*  | 6280  | 7170*   | 3420  | 5280*   | 2320  |   |   | 3630*   | 1930  | 6957        |
| - 3.0m   | 10160*  | 10160*  | 8130*   | 6430  | 5930*   | 3480  |   |   |   |   | 4020*   | 2400  | 5985        |
| - 4.5m   |   |   | 4570*   | 4570*   |   |   |   |   |   |   | 3120*   | 3120*   | 4307        |













| LIFT CAPACITIES – DIPPER LENGTH: 3.05M, 5.15M MONOBOOM, REAR DOZER, NO BUCKET. |   |   |   |   |   |   |   |   |   |   |   |   | JSI60W MONO |
|--|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Reach  | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |             |
|  |  |  |  |  |  |  |  |  |  |  |  |  |             |
| Load Point Ht.   | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm          |
| 7.5m   |   |   |   |   |   |   |   |   |   |   | 2400*   | 2400*   | 5690        |
| 6.0m   |   |   |   |   |   |   | 3840*   | 2860  |   |   | 2170*   | 2170  | 6881        |
| 4.5m   |   |   |   |   |   |   | 4350*   | 2780  | 2500*   | 1890  | 2110*   | 1840  | 7596        |
| 3.0m   |   |   | 8930*   | 7540  | 6020*   | 4060  | 4830*   | 2630  | 3790*   | 1840  | 2150*   | 1650  | 7967        |
| 1.5m   |   |   | 6790*   | 6590  | 7070*   | 3700  | 5300*   | 2460  | 4270  | 1760  | 2280*   | 1580  | 8041        |
| 0m   |   |   | 6950*   | 6270  | 7540*   | 3470  | 5540*   | 2340  | 4200  | 1710  | 2540*   | 1600  | 7828        |
| - 1.5m   | 5610*   | 5610*   | 9860*   | 6240  | 7290*   | 3390  | 5350*   | 2280  |   |   | 3040*   | 1760  | 7301        |
| - 3.0m   | 9050*   | 9050*   | 8780*   | 6350  | 6260*   | 3420  | 4430*   | 2310  |   |   | 3920*   | 2140  | 6383        |
| - 4.5m   | 7560*   | 7560*   | 5630*   | 5630*   | 3860*   | 3600  |   |   |   |   | 3340*   | 3260  | 4849        |















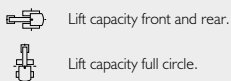
- Notes:
1. For lifting capacity including bucket, subtract total weight of bucket or bucket and quickhitch from above values.
  2. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked\* are 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.




| LIFT CAPACITIES – DIPPER LENGTH: 2.25M, 5.15M MONOBOOM, REAR STABILISERS, NO BUCKET. |   |   |   |   |   |   |   |   |   |   |   |   | JS160W MONO |
|--|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Reach  | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |             |
|  |  |  |  |  |  |  |  |  |  |  |  |  |             |
| Load Point Ht.   | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm          |
| 7.5m   |   |   |   |   | 4360*   | 4360*   |   |   |   |   | 3830*   | 3830*   | 4620        |
| 6.0m   |   |   |   |   | 5080*   | 5080*   | 3530*   | 3260  |   |   | 3330*   | 3230  | 6031        |
| 4.5m   |   |   |   |   | 5710*   | 5050  | 4890*   | 3220  |   |   | 3190*   | 2590  | 6838        |
| 3.0m   |   |   |   |   | 6740*   | 4710  | 4980  | 3090  |   |   | 3230*   | 2310  | 7248        |
| 1.5m   |   |   |   |   | 7530*   | 4420  | 4830  | 2950  |   |   | 3440*   | 2220  | 7330        |
| 0m   |   |   | 5580*   | 5580*   | 7450  | 4260  | 4730  | 2860  |   |   | 3710  | 2290  | 7094        |
| - 1.5m   | 6310*   | 6310*   | 9440*   | 8090  | 6950*   | 4240  | 4720  | 2850  |   |   | 4200  | 2570  | 6508        |
| - 3.0m   | 8760*   | 8760*   | 7190*   | 7190*   | 5360*   | 4340  |   |   |   |   | 4000*   | 3350  | 5454        |
| - 4.5m   |   |   | 2810*   | 2810*   |   |   |   |   |   |   | 2280*   | 2280*   | 3524        |

| LIFT CAPACITIES – DIPPER LENGTH: 2.70M, 5.15M MONOBOOM, REAR STABILISERS, NO BUCKET. |   |   |   |   |   |   |   |   |   |   |   |   | JS160W MONO |
|--|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Reach  | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |             |
|  |  |  |  |  |  |  |  |  |  |  |  |  |             |
| Load Point Ht.   | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm          |
| 7.5m   |   |   |   |   |   |   |   |   |   |   | 2880*   | 2880*   | 5238        |
| 6.0m   |   |   |   |   |   |   | 4040*   | 3350  |   |   | 2580*   | 2580*   | 6514        |
| 4.5m   |   |   |   |   | 5290*   | 5160  | 4610*   | 3280  |   |   | 2500*   | 2380  | 7266        |
| 3.0m   |   |   | 9710*   | 9010  | 6360*   | 4790  | 5030  | 3120  | 3370*   | 2210  | 2540*   | 2140  | 7653        |
| 1.5m   |   |   | 5120*   | 5120*   | 7290*   | 4440  | 4850  | 2960  | 3460  | 2150  | 2690*   | 2050  | 7731        |
| 0m   |   |   | 6660*   | 6660*   | 7420  | 4230  | 4720  | 2850  | 3080*   | 2110  | 3020*   | 2100  | 7508        |
| - 1.5m   | 6070*   | 6070*   | 10140*  | 7900  | 7170*   | 4170  | 4670  | 2810  |   |   | 3630*   | 2320  | 6957        |
| - 3.0m   | 10160*  | 10160*  | 8130*   | 8060  | 5930*   | 4240  |   |   |   |   | 4020*   | 2890  | 5985        |
| - 4.5m   |   |   | 4570*   | 4570*   |   |   |   |   |   |   | 3120*   | 3120*   | 4307        |

| LIFT CAPACITIES – DIPPER LENGTH: 3.05M, 5.15M MONOBOOM, REAR STABILISERS, NO BUCKET. |   |   |   |   |   |   |   |   |   |   |   |   | JS160W MONO |
|--|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Reach  | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |             |
|  |  |  |  |  |  |  |  |  |  |  |  |  |             |
| Load Point Ht.   | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm          |
| 7.5m   |   |   |   |   |   |   |   |   |   |   | 2400*   | 2400*   | 5690        |
| 6.0m   |   |   |   |   |   |   | 3840*   | 3360  |   |   | 2170*   | 2170*   | 6881        |
| 4.5m   |   |   |   |   |   |   | 4350*   | 3270  | 2500*   | 2250  | 2110*   | 2110*   | 7596        |
| 3.0m   |   |   | 8930*   | 8930*   | 6020*   | 4840  | 4830*   | 3120  | 3510  | 2190  | 2150*   | 1980  | 7967        |
| 1.5m   |   |   | 6790*   | 6790*   | 7070*   | 4470  | 4840  | 2950  | 3430  | 2120  | 2280*   | 1800  | 8041        |
| 0m   |   |   | 6950*   | 6950*   | 7430  | 4230  | 4649  | 2820  | 3360  | 2060  | 2540*   | 1940  | 7828        |
| - 1.5m   | 5610*   | 5610*   | 9860*   | 7860  | 7290*   | 4140  | 4620  | 2760  |   |   | 3040*   | 2120  | 7301        |
| - 3.0m   | 9050*   | 9050*   | 8780*   | 7990  | 6260*   | 4170  | 4430*   | 2790  |   |   | 3920*   | 2590  | 6383        |
| - 4.5m   | 7560*   | 7560*   | 5630*   | 5630*   | 3860*   | 3860*   |   |   |   |   | 3340*   | 3340*   | 4849        |

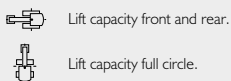


- Notes:
1. For lifting capacity including bucket, subtract total weight of bucket or bucket and quickhitch from above values.
  2. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked\* are 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.

| LIFT CAPACITIES – DIPPER LENGTH: 2.25M, 5.15M MONOBOOM, FRONT DOZER, REAR STABILISERS, NO BUCKET. |   |   |   |   |   |   |   |   |   |   |   |   | JSI60W MONO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Reach   | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |             |
|   |  |  |  |  |  |  |  |  |  |  |  |  |             |
| Load Point Ht.  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm          |
| 7.5m  |   |   |   |   | 4360*   | 4360*   |   |   |   |   | 3830*   | 3830*   | 4620        |
| 6.0m  |   |   |   |   | 5080*   | 5080*   | 3530*   | 3530*   |   |   | 3330*   | 3330*   | 6031        |
| 4.5m  |   |   |   |   | 5710*   | 5710*   | 4890*   | 4110  |   |   | 3190*   | 3090*   | 6838        |
| 3.0m  |   |   |   |   | 6740*   | 6160  | 5250*   | 3970  |   |   | 3230*   | 2980  | 7248        |
| 1.5m  |   |   |   |   | 7530*   | 5830  | 5580*   | 3830  |   |   | 3440*   | 2870  | 7330        |
| 0m  |   |   | 5580*   | 5580*   | 7600*   | 5670  | 5600*   | 3740  |   |   | 3880*   | 2970  | 7094        |
| - 1.5m  | 6310*   | 6310*   | 9440*   | 9440*   | 6950*   | 5650  | 5060*   | 3730  |   |   | 4400*   | 3350  | 6508        |
| - 3.0m  | 8760*   | 8760*   | 7190*   | 7190*   | 5360*   | 5360*   |   |   |   |   | 4000*   | 4000*   | 5454        |
| - 4.5m  |   |   | 2810*   | 2810*   |   |   |   |   |   |   | 2280*   | 2280*   | 3524        |


| LIFT CAPACITIES – DIPPER LENGTH: 2.70M, 5.15M MONOBOOM, FRONT DOZER, REAR STABILISERS, NO BUCKET. |   |   |   |   |   |   |   |   |   |   |   |   | JSI60W MONO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Reach   | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |             |
|   |  |  |  |  |  |  |  |  |  |  |  |  |             |
| Load Point Ht.  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm          |
| 7.5m  |   |   |   |   |   |   |   |   |   |   | 2880*   | 2880*   | 5238        |
| 6.0m  |   |   |   |   |   |   | 4040*   | 4040*   |   |   | 2580*   | 2580*   | 6514        |
| 4.5m  |   |   |   |   | 5290*   | 5290*   | 4610*   | 4170  |   |   | 2500*   | 2500*   | 7266        |
| 3.0m  |   |   | 9710*   | 9710*   | 6360*   | 6240  | 5040*   | 4010  | 3370*   | 2850  | 2540*   | 2540*   | 7653        |
| 1.5m  |   |   | 5120*   | 5120*   | 7290*   | 5860  | 5450*   | 3840  | 4100*   | 2780  | 2690*   | 2660  | 7731        |
| 0m  |   |   | 6660*   | 6660*   | 7590*   | 5640  | 5600*   | 3720  | 3080*   | 2740  | 3020*   | 2730  | 7508        |
| - 1.5m  | 6070*   | 6070*   | 10140*  | 10140*  | 7170*   | 5570  | 5280*   | 3680  |   |   | 3630*   | 3030  | 6957        |
| - 3.0m  | 10160*  | 10160*  | 8130*   | 8130*   | 5930*   | 5640  |   |   |   |   | 4020*   | 3770  | 5985        |
| - 4.5m  |   |   | 4570*   | 4570*   |   |   |   |   |   |   | 3120*   | 3120*   | 4307        |

| LIFT CAPACITIES – DIPPER LENGTH: 3.05M, 5.15M MONOBOOM, FRONT DOZER, REAR STABILISERS, NO BUCKET. |   |   |   |   |   |   |   |   |   |   |   |   | JSI60W MONO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Reach   | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |             |
|   |  |  |  |  |  |  |  |  |  |  |  |  |             |
| Load Point Ht.  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm          |
| 7.5m  |   |   |   |   |   |   |   |   |   |   | 2400*   | 2400*   | 5690        |
| 6.0m  |   |   |   |   |   |   | 3840*   | 3840*   |   |   | 2170*   | 2170*   | 6881        |
| 4.5m  |   |   |   |   |   |   | 4350*   | 4170  | 2500*   | 2500*   | 2110*   | 2110*   | 7596        |
| 3.0m  |   |   | 8930*   | 8930*   | 6020*   | 6020*   | 4830*   | 4010  | 3790*   | 2830  | 2150*   | 2150*   | 7967        |
| 1.5m  |   |   | 6790*   | 6790*   | 7070*   | 5900  | 5300*   | 3830  | 4330*   | 2750  | 2280*   | 2280*   | 8041        |
| 0m  |   |   | 6950*   | 6950*   | 7540*   | 5640  | 5540*   | 3700  | 4320*   | 2690  | 2540*   | 2530  | 7828        |
| - 1.5m  | 5610*   | 5610*   | 9860*   | 9860*   | 7290*   | 5540  | 5350*   | 3630  |   |   | 3040*   | 2780  | 7301        |
| - 3.0m  | 9050*   | 9050*   | 8780*   | 8780*   | 6260*   | 5580  | 4430*   | 3670  |   |   | 3920*   | 3380  | 6383        |
| - 4.5m  | 7560*   | 7560*   | 5630*   | 5630*   | 3860*   | 3860*   |   |   |   |   | 3340*   | 3340*   | 4849        |
















- 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.













**LIFT CAPACITIES – DIPPER LENGTH: 2.25M, 5.15M MONOBOOM, FRONT STABILISERS, REAR STABILISERS, NO BUCKET. JSI60W MONO**

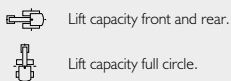
| Reach          | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |   |      |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|------|
|                |  |  |  |  |  |  |  |  |  |  |  |  |  | mm   |
| Load Point Ht. | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm   |
| 7.5m           |   |   |   |   | 4360*   | 4360*   |   |   |   |   |   | 3830*   | 3830*   | 4620 |
| 6.0m           |   |   |   |   | 5080*   | 5080*   | 3530*   | 3530*   |   |   |   | 3330*   | 3330*   | 6031 |
| 4.5m           |   |   |   |   | 5710*   | 5710*   | 4890*   | 4670  |   |   |   | 3190*   | 3190*   | 6838 |
| 3.0m           |   |   |   |   | 6740*   | 6740*   | 5250*   | 4520  |   |   |   | 3230*   | 3230*   | 7248 |
| 1.5m           |   |   |   |   | 7530*   | 6750  | 5580*   | 4380  |   |   |   | 3440*   | 3270  | 7330 |
| 0m             |   |   | 5580*   | 5580*   | 7600*   | 6580  | 5600*   | 4280  |   |   |   | 3880*   | 3390  | 7094 |
| - 1.5m         | 6310*   | 6310*   | 9440*   | 9440*   | 6950*   | 6550  | 5060*   | 4270  |   |   |   | 4400*   | 3830  | 6508 |
| - 3.0m         | 8760*   | 8760*   | 7190*   | 7190*   | 5360*   | 5360*   |   |   |   |   |   | 4000*   | 4000*   | 5454 |
| - 4.5m         |   |   | 2810*   | 2810*   |   |   |   |   |   |   |   | 2280*   | 2280*   | 3524 |

**LIFT CAPACITIES – DIPPER LENGTH: 2.70M, 5.15M MONOBOOM, FRONT STABILISERS, REAR STABILISERS, NO BUCKET. JSI60W MONO**

| Reach          | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |   |      |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|------|
|                |  |  |  |  |  |  |  |  |  |  |  |  |  | mm   |
| Load Point Ht. | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm   |
| 7.5m           |   |   |   |   |   |   |   |   |   |   |   | 2880*   | 2880*   | 5238 |
| 6.0m           |   |   |   |   |   |   | 4040*   | 4040*   |   |   |   | 2580*   | 2580*   | 6514 |
| 4.5m           |   |   |   |   | 5290*   | 5290*   | 4610*   | 4610*   |   |   |   | 2500*   | 2500*   | 7266 |
| 3.0m           |   |   | 9710*   | 9710*   | 6360*   | 6360*   | 5040*   | 4570  | 3370*   | 3240  |   | 2540*   | 2540*   | 7653 |
| 1.5m           |   |   | 5120*   | 5120*   | 7290*   | 6780  | 5450*   | 4390  | 4100*   | 3170  |   | 2690*   | 2690*   | 7731 |
| 0m             |   |   | 6660*   | 6660*   | 7590*   | 6550  | 5600*   | 4270  | 3080*   | 3080  |   | 3020*   | 3020  | 7508 |
| - 1.5m         | 6070*   | 6070*   | 10140*  | 10140*  | 7170*   | 6480  | 5280*   | 4220  |   |   |   | 3630*   | 3460  | 6957 |
| - 3.0m         | 10160*  | 10160*  | 8130*   | 8130*   | 5930*   | 5930*   |   |   |   |   |   | 4020*   | 4020*   | 5985 |
| - 4.5m         |   |   | 4570*   | 4570*   |   |   |   |   |   |   |   | 3120*   | 3120*   | 4307 |

**LIFT CAPACITIES – DIPPER LENGTH: 3.05M, 5.15M MONOBOOM, FRONT STABILISERS, REAR STABILISERS, NO BUCKET. JSI60W MONO**

| Reach          | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |   |      |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|------|
|                |  |  |  |  |  |  |  |  |  |  |  |  |  | mm   |
| Load Point Ht. | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm   |
| 7.5m           |   |   |   |   |   |   |   |   |   |   |   | 2400*   | 2400*   | 5690 |
| 6.0m           |   |   |   |   |   |   | 3840*   | 3840*   |   |   |   | 2170*   | 2170*   | 6881 |
| 4.5m           |   |   |   |   |   |   | 4350*   | 4350*   | 2500*   | 2500*   |   | 2110*   | 2110*   | 7596 |
| 3.0m           |   |   | 8930*   | 8930*   | 6020*   | 6020*   | 4830*   | 4560  | 3790*   | 3220  |   | 2150*   | 2150*   | 7967 |
| 1.5m           |   |   | 6790*   | 6790*   | 7070*   | 6820  | 5300*   | 4380  | 4330*   | 3140  |   | 2280*   | 2280*   | 8041 |
| 0m             |   |   | 6950*   | 6950*   | 7540*   | 6550  | 5540*   | 4240  | 4320*   | 3070  |   | 2540*   | 2540*   | 7828 |
| - 1.5m         | 5610*   | 5610*   | 9860*   | 9860*   | 7290*   | 6450  | 5350*   | 4180  |   |   |   | 3040*   | 3040*   | 7301 |
| - 3.0m         | 9050*   | 9050*   | 8780*   | 8780*   | 6260*   | 6260*   | 4430*   | 4210  |   |   |   | 3920*   | 3880  | 6383 |
| - 4.5m         | 7560*   | 7560*   | 5630*   | 5630*   | 3860*   | 3860*   |   |   |   |   |   | 3340*   | 3340*   | 4849 |



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.

## LIFT CAPACITIES – DIPPER LENGTH: 2.25M, 4.97M T.A.B., REAR DOZER, NO BUCKET.

JSI60W T.A.B.

| Reach          | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   | mm    |      |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|-------|------|
|                |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Load Point Ht. | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg    |      |
| 7.5m           |   |   |   |   |   |   |   |   |   |   |   | 4240*   | 4240* | 4492 |
| 6.0m           |   |   |   |   | 4690*   | 4560  |   |   |   |   |   | 3510*   | 2810  | 5935 |
| 4.5m           |   |   | 6720*   | 6720*   | 5250*   | 4360  | 4630*   | 2750  |   |   |   | 3270*   | 2230  | 6753 |
| 3.0m           |   |   |   |   | 6270*   | 4020  | 4990*   | 2630  |   |   |   | 3230*   | 1970  | 7168 |
| 1.5m           |   |   |   |   | 7190*   | 3700  | 5390*   | 2480  |   |   |   | 3350*   | 1880  | 7251 |
| 0m             |   |   | 5340*   | 5340*   | 7530*   | 3520  | 5540*   | 2390  |   |   |   | 3670*   | 1940  | 7013 |
| - 1.5m         |   |   | 10110*  | 6460  | 7130*   | 3500  | 5140*   | 2380  |   |   |   | 4330*   | 2200  | 6419 |
| - 3.0m         |   |   |   |   | 5670*   | 3610  |   |   |   |   |   | 5100*   | 3240  | 4882 |

## LIFT CAPACITIES – DIPPER LENGTH: 2.70M, 4.97M T.A.B., REAR DOZER, NO BUCKET.

JSI60W T.A.B.

| Reach          | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   | mm    |      |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|-------|------|
|                |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Load Point Ht. | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg    |      |
| 7.5m           |   |   |   |   | 4410*   | 4410*   |   |   |   |   |   | 3120*   | 3120* | 5155 |
| 6.0m           |   |   |   |   | 4240*   | 4240*   | 4170*   | 2880  |   |   |   | 2700*   | 2500  | 6448 |
| 4.5m           |   |   |   |   | 4820*   | 4480  | 4330*   | 2820  |   |   |   | 2550*   | 2040  | 7207 |
| 3.0m           |   |   | 8730*   | 7550  | 5870*   | 4110  | 4750*   | 2670  | 3200*   | 1860  |   | 2530*   | 1810  | 7597 |
| 1.5m           |   |   |   |   | 6900*   | 3730  | 5220*   | 2500  | 3880*   | 1800  |   | 2630*   | 1730  | 7675 |
| 0m             |   |   | 6410*   | 6280  | 7430*   | 3500  | 5490*   | 2380  |   |   |   | 2870*   | 1770  | 7451 |
| - 1.5m         |   |   | 10500*  | 6290  | 7270*   | 3430  | 5330*   | 2330  |   |   |   | 3340*   | 1970  | 6895 |
| - 3.0m         |   |   | 8830*   | 6460  | 6230*   | 3500  |   |   |   |   |   | 4150*   | 2480  | 5913 |

## LIFT CAPACITIES – DIPPER LENGTH: 3.05M, 4.97M T.A.B., REAR DOZER, NO BUCKET.


JSI60W T.A.B.

| Reach          | 1.5m   |  | 3m   |  | 4.5m   |  | 6m   |  | 7.5m   |  | Capacity at Max Reach  |  | mm    |      |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|-------|------|
|                |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Load Point Ht. | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg    |      |
| 7.5m           |  |  |  |  |  |  |  |  |  |  |  | 2580*  | 2580* | 5629 |
| 6.0m           |  |  |  |  |  |  | 3860*  | 2900   |  |  |  | 2270*  | 2250  | 6831 |
| 4.5m           |  |  |  |  | 4440*  | 4440*  | 4050*  | 2820   | 2430*  | 1880   |  | 2150*  | 1860  | 7551 |
| 3.0m           |  |  | 7950*  | 7800   | 5520*  | 4150   | 4520*  | 2670   | 3790*  | 1840   |  | 2140*  | 1660  | 7924 |
| 1.5m           |  |  | 6890*  | 6730   | 6650*  | 3760   | 5040*  | 2490   | 4210*  | 1770   |  | 2230*  | 1590  | 7998 |
| 0m             |  |  | 6710*  | 6310   | 7320*  | 3500   | 5400*  | 2350   | 4210*  | 1710   |  | 2420*  | 1620  | 7784 |
| - 1.5m         | 5120*  | 5120*  | 9850*  | 6250   | 7330*  | 3400   | 5370*  | 2290   |  |  |  | 2800*  | 1790  | 7254 |
| - 3.0m         |  |  | 9410*  | 6380   | 6530*  | 3430   | 4540*  | 2330   |  |  |  | 3590*  | 2200  | 6329 |













 Lift capacity front and rear.



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.

 Lift capacity full circle.




| LIFT CAPACITIES – DIPPER LENGTH: 2.25M, 4.97M T.A.B., REAR STABILISERS, NO BUCKET. |   |   |   |   |   |   |   |   |   |   |   |   | JSI60W T.A.B. |      |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---------------|------|
| Reach  | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |               |      |
|  |  |  |  |  |  |  |  |  |  |  |  |  |               |      |
| Load Point Ht.   | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm            |      |
| 7.5m   |   |   |   |   |   |   |   |   |   |   |   | 4240*   | 4240*         | 4492 |
| 6.0m   |   |   |   |   | 4690*   | 4690*   |   |   |   |   |   | 3510*   | 3330          | 5935 |
| 4.5m   |   |   | 6720*   | 6720*   | 5250*   | 5170  | 4630*   | 3260  |   |   |   | 3270*   | 2660          | 6753 |
| 3.0m   |   |   |   |   | 6270*   | 4810  | 4990*   | 3130  |   |   |   | 3230*   | 2360          | 7168 |
| 1.5m   |   |   |   |   | 7190*   | 4480  | 4930  | 2980  |   |   |   | 3350*   | 2260          | 7251 |
| 0m   |   |   | 5340*   | 5340*   | 7530*   | 4300  | 4820  | 2890  |   |   |   | 3670*   | 2340          | 7013 |
| - 1.5m   |   |   | 10110*  | 8130  | 7130*   | 4270  | 4810  | 2880  |   |   |   | 4330*   | 2650          | 6419 |
| - 3.0m   |   |   |   |   | 5670*   | 4390  |   |   |   |   |   | 5100*   | 3920          | 4882 |

| LIFT CAPACITIES – DIPPER LENGTH: 2.70M, 4.97M T.A.B., REAR STABILISERS, NO BUCKET. |   |   |   |   |   |   |   |   |   |   |   |   | JSI60W T.A.B. |      |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---------------|------|
| Reach  | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   |               |      |
|  |  |  |  |  |  |  |  |  |  |  |  |  |               |      |
| Load Point Ht.   | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm            |      |
| 7.5m   |   |   |   |   | 4410*   | 4410*   |   |   |   |   |   | 3120*   | 3120*         | 5155 |
| 6.0m   |   |   |   |   | 4240*   | 4240*   | 4170*   | 3400  |   |   |   | 2700*   | 2700*         | 6448 |
| 4.5m   |   |   |   |   | 4820*   | 4820*   | 4330*   | 3330  |   |   |   | 2550*   | 2430          | 7207 |
| 3.0m   |   |   | 8730*   | 8730*   | 5870*   | 4910  | 4750*   | 3180  | 3200*   | 2220  |   | 2530*   | 2170          | 7597 |
| 1.5m   |   |   |   |   | 6900*   | 4520  | 4960  | 3000  | 3520  | 2160  |   | 2630*   | 2090          | 7675 |
| 0m   |   |   | 6410*   | 6410*   | 7430*   | 4280  | 4810  | 2870  |   |   |   | 2870*   | 2140          | 7451 |
| - 1.5m   |   |   | 10500*  | 7950  | 7270*   | 4200  | 4760  | 2830  |   |   |   | 3340*   | 2380          | 6895 |
| - 3.0m   |   |   | 8830*   | 8140  | 6230*   | 4280  |   |   |   |   |   | 4150*   | 2990          | 5913 |

| LIFT CAPACITIES – DIPPER LENGTH: 3.05M, 4.97M T.A.B., REAR DOZER, NO BUCKET. |  |  |  |  |  |  |  |  |  |  |  |  | JSI60W T.A.B. |      |
|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------|------|
| Reach  | 1.5m   |  | 3m   |  | 4.5m   |  | 6m   |  | 7.5m   |  | Capacity at Max Reach  |  |               |      |
|  |  |  |  |  |  |  |  |  |  |  |  |  |               |      |
| Load Point Ht.   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | mm            |      |
| 7.5m   |  |  |  |  |  |  |  |  |  |  |  | 2580*  | 2580*         | 5629 |
| 6.0m   |  |  |  |  |  |  | 3860*  | 3420   |  |  |  | 2270*  | 2270*         | 6831 |
| 4.5m   |  |  |  |  | 4440*  | 4440*  | 4050*  | 3340   | 2430*  | 2250   |  | 2150*  | 2150*         | 7551 |
| 3.0m   |  |  | 7950*  | 7950*  | 5520*  | 4960   | 4520*  | 3180   | 3580   | 2210   |  | 2140*  | 2000          | 7924 |
| 1.5m   |  |  | 6890*  | 6890*  | 6650*  | 4550   | 4950   | 2990   | 3490   | 2130   |  | 2230*  | 1920          | 7998 |
| 0m   |  |  | 6710*  | 6710*  | 7320*  | 4280   | 4790   | 2850   | 3430   | 2070   |  | 2420*  | 1970          | 7784 |
| - 1.5m   | 5120*  | 5120*  | 9850*  | 7920   | 7330*  | 4170   | 4710   | 2780   |  |  |  | 2800*  | 2170          | 7254 |
| - 3.0m   |  |  | 9410*  | 8050   | 6530*  | 4210   | 4540*  | 2830   |  |  |  | 3590*  | 2660          | 6329 |

 Lift capacity front and rear.

 Lift capacity full circle.

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.

**LIFT CAPACITIES – DIPPER LENGTH: 2.25M, 4.97M T.A.B., FRONT DOZER, REAR STABILISERS, NO BUCKET. JSI60W T.A.B.**

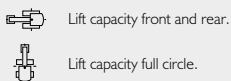
| Reach          | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   | mm    |      |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|-------|------|
|                |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Load Point Ht. | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm    |      |
| 7.5m           |   |   |   |   |   |   |   |   |   |   |   | 4240*   | 4240* | 4492 |
| 6.0m           |   |   |   |   | 4690*   | 4690*   |   |   |   |   |   | 3510*   | 3510* | 5935 |
| 4.5m           |   |   | 6720*   | 6720*   | 5250*   | 5250*   | 4630*   | 4180  |   |   |   | 3270*   | 3270* | 6753 |
| 3.0m           |   |   |   |   | 6270*   | 6270*   | 4990*   | 4040  |   |   |   | 3230*   | 3050  | 7168 |
| 1.5m           |   |   |   |   | 7190*   | 5940  | 5390*   | 3890  |   |   |   | 3350*   | 2950  | 7251 |
| 0m             |   |   | 5340*   | 5340*   | 7530*   | 5750  | 5540*   | 3790  |   |   |   | 3670*   | 3060  | 7013 |
| - 1.5m         |   |   | 10110*  | 10110*  | 7130*   | 5710  | 5140*   | 3780  |   |   |   | 4330*   | 3470  | 6419 |
| - 3.0m         |   |   |   |   | 5670*   | 5670*   |   |   |   |   |   | 5100*   | 5100* | 4882 |

**LIFT CAPACITIES – DIPPER LENGTH: 2.70M, 4.97M T.A.B., FRONT DOZER, REAR STABILISERS, NO BUCKET. JSI60W T.A.B.**

| Reach          | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   | mm    |      |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|-------|------|
|                |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Load Point Ht. | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | mm    |      |
| 7.5m           |   |   |   |   | 4410*   | 4410*   |   |   |   |   |   | 3120*   | 3120* | 5155 |
| 6.0m           |   |   |   |   | 4240*   | 4240*   | 4170*   | 4170*   |   |   |   | 2700*   | 2700* | 6448 |
| 4.5m           |   |   |   |   | 4820*   | 4820*   | 4330*   | 4260  |   |   |   | 2550*   | 2550* | 7207 |
| 3.0m           |   |   | 8730*   | 8730*   | 5870*   | 5870*   | 4750*   | 4090  | 3200*   | 2880  |   | 2530*   | 2530* | 7597 |
| 1.5m           |   |   |   |   | 6900*   | 5980  | 5220*   | 3910  | 3880*   | 2810  |   | 2630*   | 2630* | 7675 |
| 0m             |   |   | 6410*   | 6410*   | 7430*   | 5720  | 5490*   | 3770  |   |   |   | 2870*   | 2800  | 7451 |
| - 1.5m         |   |   | 10500*  | 10500*  | 7270*   | 5640  | 5330*   | 3730  |   |   |   | 3340*   | 3110  | 6895 |
| - 3.0m         |   |   | 8830*   | 8830*   | 6230*   | 5720  |   |   |   |   |   | 4150*   | 3910  | 5913 |

**LIFT CAPACITIES – DIPPER LENGTH: 3.05M, 4.97M T.A.B., FRONT DOZER, REAR STABILISERS, NO BUCKET. JSI60W T.A.B.**

| Reach          | 1.5m   |  | 3m   |  | 4.5m   |  | 6m   |  | 7.5m   |  | Capacity at Max Reach  |  | mm    |      |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|-------|------|
|                |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Load Point Ht. | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | mm    |      |
| 7.5m           |  |  |  |  |  |  |  |  |  |  |  | 2580*  | 2580* | 5629 |
| 6.0m           |  |  |  |  |  |  | 3860*  | 3860*  |  |  |  | 2270*  | 2270* | 6831 |
| 4.5m           |  |  |  |  | 4440*  | 4440*  | 4050*  | 4050*  | 2430*  | 2430*  |  | 2150*  | 2150* | 7551 |
| 3.0m           |  |  | 7950*  | 7950*  | 5520*  | 5520*  | 4520*  | 4090   | 3790*  | 2870   |  | 2140*  | 2140* | 7924 |
| 1.5m           |  |  | 6890*  | 6890*  | 6650*  | 6020   | 5040*  | 3900   | 4210*  | 2790   |  | 2230*  | 2230* | 7998 |
| 0m             |  |  | 6710*  | 6710*  | 7320*  | 5730   | 5400*  | 3750   | 4210*  | 2720   |  | 2420*  | 2420* | 7784 |
| - 1.5m         | 5120*  | 5120*  | 9850*  | 9850*  | 7330*  | 5610   | 5370*  | 3680   |  |  |  | 2800*  | 2800* | 7254 |
| - 3.0m         |  |  | 9410*  | 9410*  | 6530*  | 5650   | 4540*  | 3730   |  |  |  | 3590*  | 3490  | 6329 |



- 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.

**LIFT CAPACITIES – DIPPER LENGTH: 2.25M, 4.97M T.A.B., FRONT STABILISERS, REAR STABILISERS, NO BUCKET. JSI60W T.A.B.**

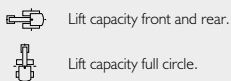
| Reach          | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   | mm    |      |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|-------|------|
|                |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Load Point Ht. | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg    |      |
| 7.5m           |   |   |   |   |   |   |   |   |   |   |   | 4240*   | 4240* | 4492 |
| 6.0m           |   |   |   |   | 4690*   | 4690*   |   |   |   |   |   | 3510*   | 3510* | 5935 |
| 4.5m           |   |   | 6720*   | 6720*   | 5250*   | 5250*   | 4630*   | 4630*   |   |   |   | 3270*   | 3270* | 6753 |
| 3.0m           |   |   |   |   | 6270*   | 6270*   | 4990*   | 4610  |   |   |   | 3230*   | 3230* | 7168 |
| 1.5m           |   |   |   |   | 7190*   | 6880  | 5390*   | 4450  |   |   |   | 3350*   | 3350* | 7251 |
| 0m             |   |   | 5340*   | 5340*   | 7530*   | 6680  | 5540*   | 4340  |   |   |   | 3670*   | 3490  | 7013 |
| - 1.5m         |   |   | 10110*  | 10110*  | 7130*   | 6640  | 5140*   | 4330  |   |   |   | 4330*   | 3970  | 6419 |
| - 3.0m         |   |   |   |   | 5670*   | 5670*   |   |   |   |   |   | 5100*   | 5100* | 4882 |

**LIFT CAPACITIES – DIPPER LENGTH: 2.70M, 4.97M T.A.B., FRONT STABILISERS, REAR STABILISERS, NO BUCKET. JSI60W T.A.B.**

| Reach          | 1.5m  |   | 3m  |   | 4.5m  |   | 6m  |   | 7.5m  |   | Capacity at Max Reach   |   | mm    |      |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|-------|------|
|                |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Load Point Ht. | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg  | kg    |      |
| 7.5m           |   |   |   |   | 4410*   | 4410*   |   |   |   |   |   | 3120*   | 3120* | 5155 |
| 6.0m           |   |   |   |   | 4240*   | 4240*   | 4170*   | 4170*   |   |   |   | 2700*   | 2700* | 6448 |
| 4.5m           |   |   |   |   | 4820*   | 4820*   | 4330*   | 4330*   |   |   |   | 2550*   | 2550* | 7207 |
| 3.0m           |   |   | 8730*   | 8730*   | 5870*   | 5870*   | 4750*   | 4660  | 3200*   | 3200*   |   | 2530*   | 2530* | 7597 |
| 1.5m           |   |   |   |   | 6900*   | 6900*   | 5220*   | 4470  | 3880*   | 3210  |   | 2630*   | 2630* | 7657 |
| 0m             |   |   | 6410*   | 6410*   | 7430*   | 6660  | 5490*   | 4330  |   |   |   | 2870*   | 2870* | 7451 |
| - 1.5m         |   |   | 10500*  | 10500*  | 7270*   | 6570  | 5330*   | 4290  |   |   |   | 3340*   | 3340* | 6895 |
| - 3.0m         |   |   | 8830*   | 8830*   | 6230*   | 6230*   |   |   |   |   |   | 4150*   | 4150* | 5913 |

**LIFT CAPACITIES – DIPPER LENGTH: 3.05M, 4.97M T.A.B., FRONT STABILISERS, REAR STABILISERS, NO BUCKET. JSI60W T.A.B.**

| Reach          | 1.5m   |  | 3m   |  | 4.5m   |  | 6m   |  | 7.5m   |  | Capacity at Max Reach  |  | mm    |      |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|-------|------|
|                |  |  |  |  |  |  |  |  |  |  |  |  |       |      |
| Load Point Ht. | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg   | kg    |      |
| 7.5m           |  |  |  |  |  |  |  |  |  |  |  | 2580*  | 2580* | 5629 |
| 6.0m           |  |  |  |  |  |  | 3860*  | 3860*  |  |  |  | 2270*  | 2270* | 6831 |
| 4.5m           |  |  |  |  | 4440*  | 4440*  | 4050*  | 4050*  | 2430*  | 2430*  |  | 2150*  | 2150* | 7551 |
| 3.0m           |  |  | 7950*  | 7950*  | 5520*  | 5520*  | 4520*  | 4520*  | 3790*  | 3260   |  | 2140*  | 2140* | 7924 |
| 1.5m           |  |  | 6890*  | 6890*  | 6650*  | 6650*  | 5040*  | 4460   | 4210*  | 3180   |  | 2230*  | 2230* | 7998 |
| 0m             |  |  | 6710*  | 6710*  | 7320*  | 6660   | 5400*  | 4310   | 4210*  | 3126   |  | 2420*  | 2420* | 7784 |
| - 1.5m         | 5120*  | 5120*  | 9850*  | 9850*  | 7330*  | 6540   | 5370*  | 4240   |  |  |  | 2800*  | 2800* | 7254 |
| - 3.0m         |  |  | 9410*  | 9410*  | 6530*  | 6530*  | 4540*  | 4290   |  |  |  | 3590*  | 3590* | 6329 |



- 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.





**ONE COMPANY, OVER 300 MACHINES.**

Your nearest JCB dealer

**Wheeled Excavator JS160W**

Engine power: 97kW (130hp) Bucket capacity: 0.25 – 0.87m<sup>3</sup>

Operating weight: 16,256 – 18,982kg

JCB Sales Limited, Rokester, Staffordshire, United Kingdom ST14 5JP.

Tel: +44 (0)1889 590312 Email: [salesinfo@jcb.com](mailto:salesinfo@jcb.com)

Download the very latest information on this product range at: [www.jcb.com](http://www.jcb.com)

©2009 JCB Sales. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any other means, electronic, mechanical, photocopying or otherwise, without prior permission from JCB Sales. All references in this publication to operating weights, sizes, capacities and other performance measurements are provided for guidance only and may vary dependant upon the exact specification of machine. They should not therefore be relied upon in relation to suitability for a particular application. Guidance and advice should always be sought from your JCB Dealer. JCB reserves the right to change specifications without notice. Illustrations and specifications shown may include optional equipment and accessories. The JCB logo is a registered trademark of J.C. Bamford Excavators Ltd.

