



BE FIRST

**JCB** HYDRADIG

# BE FIRST

The vision from the outset of the project was to design and engineer the most innovative solution in response to five key challenges facing customers in today's construction sector. The machine had to be first for visibility, stability, maneuverability, mobility and serviceability. The JCB Hydradig 110W really does have innovation running right through the heart of it. In fact the Hydradig will transform the industry and I am certain you will quickly appreciate its benefits.

*Anthony Bamford.*

**LORD BAMFORD, CHAIRMAN, JCB**





# FIRST FOR **VISIBILITY**

In today's world where space is at a premium, compact dimensions and all-round visibility have become increasingly important. The JCB Hydradig 110W lets you enjoy total all-round visibility with the ability to see all four wheels plus a 3 foot perimeter around the machine at ground level. This makes it first for easier and safer operating in tight, crowded worksites.





## VISIBILITY

### The Vision.

- 1** Operator can see within 3 feet of machine footprint at ground level and all four wheels of the machine can be seen from operator seat.
- 2** With the 109hp Tier 4 Final JCB EcoMAX engine and other major components now housed in the chassis, the counterweight has been radically reduced making the tailswing just 5 inches which helps deliver down to ground level visibility.
- 3** Operator can view stabilizers, dozer and trailer hitch from inside the cab without any requirement to slew the machine.
- 4** Low-level glass provides unobstructed visibility.
- 5** Standard high powered LED work lights to boom, front, rear and side gives you daylight working conditions at night.



VISIBILITY



# FIRST FOR **STABILITY**

On urban worksites, safety is rapidly becoming the number one priority. The JCB Hydradig 110W gives best-in-class over the side stability, twinned with minimal tailswing. Having the engine and tank mounted on the chassis also provides unparalleled stability on the road for greater comfort and confidence. This makes it first for stable working.







**STABILITY**

**BEST-IN-CLASS**

Best-in-class over the side stability when digging or lifting/slinging, compared to conventional tailswing competitors. All achieved with a minimal tailswing machine.



### Ultimate stability.

**1** Engine and double skinned tanks are mounted on an all steel chassis which creates a lowered center of gravity, ideal for stability on site and whilst driving.

**2** Lower center of gravity provides extra operator confidence and productivity when lifting and carrying materials around site.

**3** Conventional tailswing stability achieved with minimal tailswing of just 5 inches is a breakthrough in design, engineering and manufacturing capability.

50/50 weight distribution between the axles significantly reduces nod and pitch whilst driving.



1



2



3



# FIRST FOR **MOBILITY**

In a world where time is money, a top speed of 25mph and stepless transmission from a 109hp Tier 4 Final EcoMAX engine lets you travel to and between sites quicker and in comfort. A factory fit trailer installation also lets you transport all your attachments and site equipment making the JCB Hydradig 110W first for getting to work.





## MOBILITY

### Comfortable driving.

**1** A single speed, hydrostatic transmission allows you to drive to site quickly eliminating the need to hire or purchase a truck for transport.

**2** The proven JCB Smooth Ride System dampens the dig end over uneven ground, creating a smoother ride and reducing the risk of spilling a load.

**3** 3 mobility modes allow the operator to set Hydradig for any task:

Choose 'highway mode' to isolate the upper structure and dig end for travelling at up to 25mph. Set throttle level with 'travel speed lock'.

Choose 'site mode' to limit the machine to 12mph, with all hydraulic services active.

Choose 'creep mode', with a speed limiter for the most precise jobs.

**4** Use the 7700 pound towing capacity to move items around site including aggregates, attachments, or even a fuel bowser to quickly refill other machines on site.



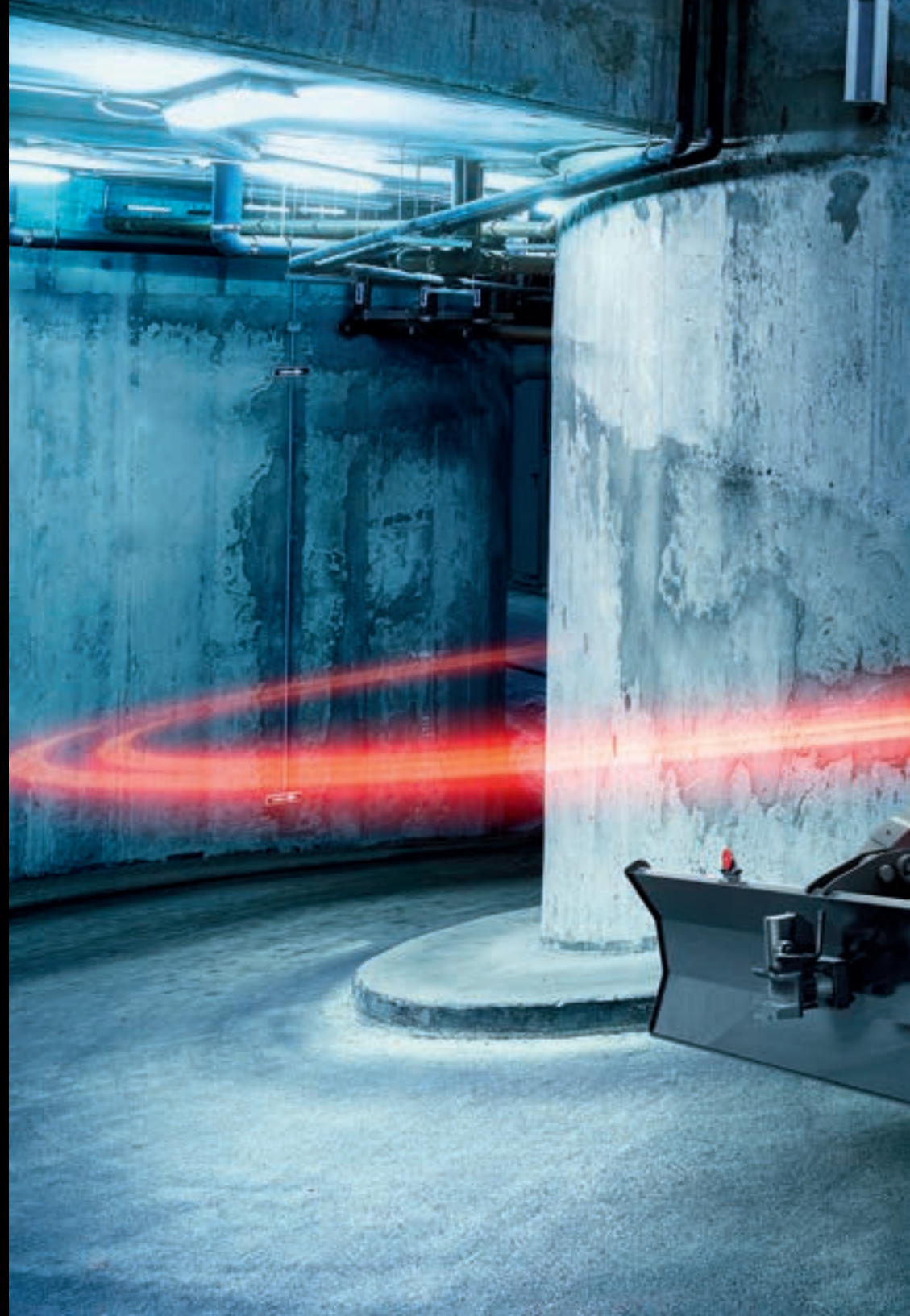
### AUTO-IDLE

Auto-idle as standard reduces revs when the machine is idling, saving fuel.



# FIRST FOR MANEUVERABILITY

In even the most confined urban sites, 4-wheel steer, 2-wheel steer and crab steer as standard make operating easy, allowing you to work in tighter confines safer than ever before. A best-in-class turning circle makes the JCB Hydradig 110W first for working in today's urban world.







MANEUVERABILITY

JCB

JCB HYDRADIG

JCB HYDRADIG

JCB

110

## MANEUVERABILITY

### Great in a tight space.

- 1** 3 steer modes as standard with 4-wheel steer, 2-wheel steer and crab steer lets you maneuver on site in total confidence.
- 2** A Kingpost allows you to dig parallel to a wall increasing versatility, particularly in tight urban environments.
- 3** Reduced front swing and minimal tailswing of just 5 inches for working closer to walls without compromise to stability.
- 4** +/- 8 degrees of axle oscillation ensures the Hydradig can maneuver over the roughest terrains.
- 5** Greater in-cab visibility means a more safely maneuverable excavator.



### TURNING CIRCLE

An under 13 foot turning radius thanks to 4-wheel steer lets you work comfortably within a single lane.



### REVERSE STEER

Reverse steer lets you change the back of the machine to the front, when working in a single lane or where the machine can't be turned around manually.



# FIRST FOR **SERVICEABILITY**

In a more demanding world where productivity is king, easy and quick daily checks are a must. With all service points easily accessible from ground level; 500 hour greasing on all dig end, dozer and stabilizer pivot points, and a best-in-class SAE service index rating, we've designed the JCB Hydradig 110W to be first for easy maintenance.





## SERVICEABILITY

### QUALITY

Using proven reliable JCB components we have ensured the JCB Hydradig 110W spends as much time as possible earning you money.

### SERVICE COSTS

The JCB Hydradig 110W is powered by a 109hp T4F JCB EcoMAX engine that requires no after treatment keeping servicing costs and downtime to a minimum.

### Simple maintenance.

**1** Ground level access to all daily checks and fuel filler for quick and safe servicing without the need to climb onto upper structure.

**2** 500 hour greasing on all dig end, dozer and stabilizer grease points for maximum uptime.

A LiveLink 3 year contract as standard enabling you to monitor utilization of your investment, fuel consumption and machine location.

A class-leading SAE rating is 33% better than closest competitor.

**3** The Hydradig meets the latest Tier 4 Final/ Stage IV emissions legislation without the use of a DPF (Diesel particulate filter). The diesel exhaust fluid (DEF) tank can still be easily accessed at ground level.



1



2



3

# FIRST FOR COMFORT

In a cramped world with restricted operating conditions, the new JCB CommandPlus cab with a large glass area and Command controls make it easier and safer to work. Designed with making the operator more productive, the JCB Hydradig II0W has succeeded in being first for cab ergonomics.

## CommandPlus cab.

Delivering true CommandPlus standards, the JCB CommandPlus cab is the result of exhaustive customer feedback and huge investment. It is now without doubt, the ultimate in operator comfort with superb ergonomics, unrivalled visibility and a commanding driving position.

Tactile rotary controller provides precise intuitive control for the all new 7" color display.

A heater and climate control come standard.

Optional seatbelt warning beacon available to meet your job site commitments.

A JCB EcoMAX engine mounted in chassis, creates a lower center of gravity providing greater driving comfort and operator confidence.





### NOISE LEVELS

With engine now mounted directly to the chassis, noise and vibration have been moved away from the operator, increasing comfort and reducing fatigue over long shifts.



# FIRST FOR VERSATILITY

In a world where one machine is expected to do the work of many, having the right attachments and more importantly the ability to utilize them is crucial. The JCB Hydradig has all the pipework, circuits and towing ability to give you the ultimate in adaptability making it first for versatility.

## Highly versatile.

**1** All genuine JCB attachments are pre-loaded into attachments menu interface with just 3 clicks to set up. Additional attachments can be manually set up and named.

**2** Add a hitch to utilize the up to 7,700 pound towing capabilities. Vital when transporting extra attachments to the jobsite (subject to local laws and regulations).

A parallel dozer is available with a large flat ground engaging area to reduce damage to hard surfaces.

**3** The closed loop hydrostatic transmission features separate pumps for traction and boom power, making it easy to multifunction.

A handheld tool circuit is available to provide even greater versatility. It lets you control a variety of hand tools needed on site such as grinders, pumps, breakers etc.



### BOOM OPTIONS

The TAB can be fitted with a 1.65, 2.00 or 2.25 meter dipper.

### ADJUSTABLE FLOW

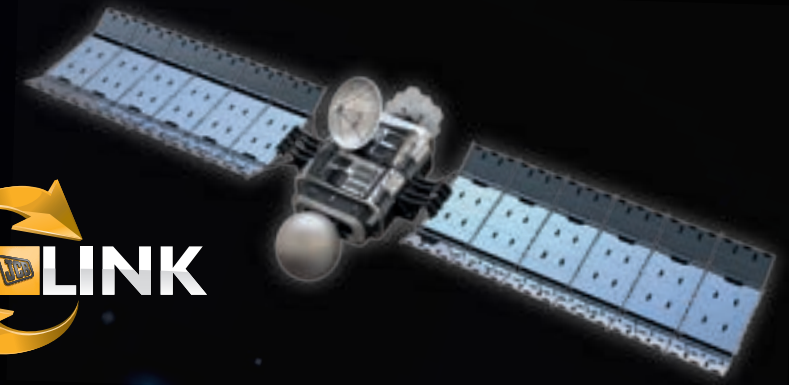
Bi-directional pipework lines with two additional low-flow circuits come standard to power a variety of attachments. All feature adjustable flow rates. All pipework options come standard on our machines.

### MORE VERSATILITY

Identical bucket pin geometry as 3CX and 85/86 mini excavator allowing you to utilize even more attachments.

# FIRST FOR SUPPORT

In a world of tough business decisions where the customer rightfully expects the very best in machine back up and a complete package of value added solutions, JCB delivers. Whatever you need and wherever you are, JCB's worldwide customer support is truly first class.



## Machine efficiency.

**1** By providing information like idle time monitoring and fuel consumption, JCB LiveLink saves you money and improves productivity.

## Machine reliability.

**2** Accurate hours monitoring and service alerts improve maintenance planning and help rental companies with accurate charging. Technical alerts and maintenance history records help you manage your machines.

## Machine monitoring.

**3** Keep track of what your machine's been doing throughout the day with regular performance reports accessed via the LiveLink website.

## Machine security.

**4** LiveLink's real time geo-fencing alerts tell you when machines move out of predetermined zones. Curfew alerts inform you of unauthorized usage. JCB have a history of working with the police to recover stolen machines and tackle fuel theft.



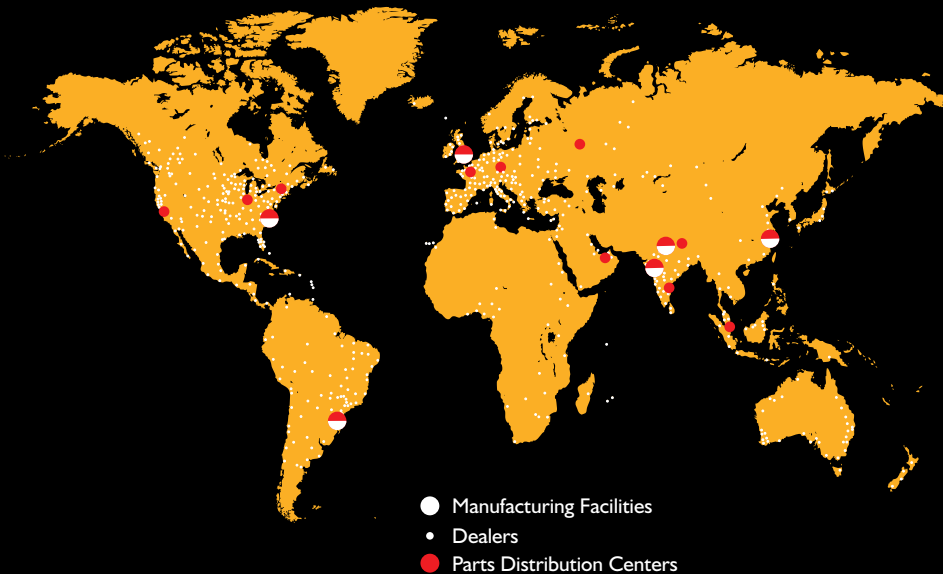
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**E** Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

**E** The global network of JCB Parts Centers is another model of efficiency; with 16 regional bases, we can deliver around 95% of all parts anywhere in the world within 24 hours. Our genuine JCB parts are designed to work in perfect harmony with your machine for optimum performance and productivity.

**Z** JCB Assetcare offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. Irrespective of what you opt for, our maintenance teams around the world charge competitive labour rates, and offer non-obligation quotations as well as fast, efficient insurance repair work.



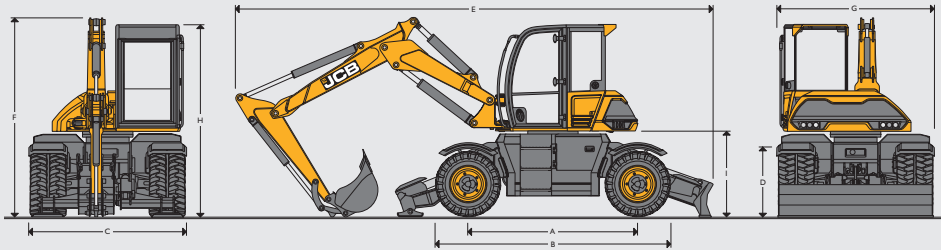
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## SPECIFICATION

### STATIC DIMENSIONS



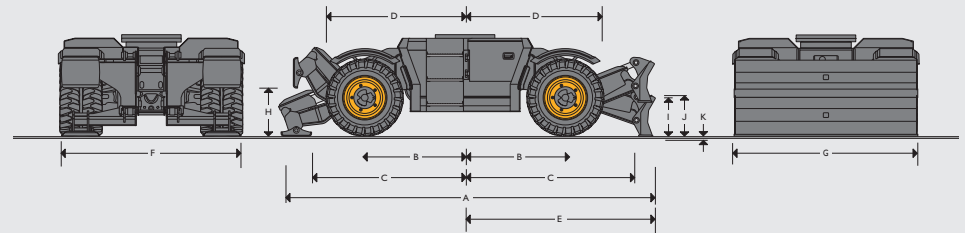
### STATIC DIMENSIONS

A	Wheelbase	ft-in (mm)	8-8 (2650)		
B	Length over tires	ft-in (mm)	12-1 (3689)		
C	Width over tires	ft-in (mm)	7-11 (2420)		
D	Height over tires	ft-in (mm)	3-4 (1016)		
G	Transport width	ft-in (mm)	8-0 (2440)		
H	Height over cab	ft-in (mm)	9-10 (2988)		
I	Clearance under counterweight	ft-in (mm)	4-4 (1319)		
J	Ground clearance	ft-in (mm)	1-0 (298)		
<b>Dipper lengths</b>			<b>5-5 (1.65m)</b>	<b>6-7 (2.0m)</b>	<b>7-5 (2.25m)</b>
E	Driving length	ft-in (mm)	19-4 (5899)	19-4 (5899)	19-4 (5899)
E	Transport length	ft-in (mm)	25-1 (7654)	25-5 (7750)	25-4 (7730)
F	Driving height	ft-in (mm)	12-10 (3907)	12-10 (3907)	12-10 (3907)
F	Transport height	ft-in (mm)	9-10 (2988)	9-10 (2988)	9-10 (2988)

\*Machine is specified with a rear dozer blade. Please check chassis options for alternative specification dimensions.

### CHASSIS OPTIONS

Any combination of dozer (parallel/radial), stabilizer or grab stowage bar are available to both front and/or rear of chassis.



### STATIC DIMENSIONS

Front axle / rear axle		Oscillating steering axle / rigid steering axle	
Axles load capacity		30,865 lbs	
Axles load oscillation		+/- 8 degrees	
Transmission		Hydrostatic drive via piston motor and stepless transmission	
A	Overall length		
	Rear stabilizer only	ft-in (mm)	13-6 (4119)
	Rear dozer only (raised)	ft-in (mm)	14-3 (4342)
	Front dozer and rear stabilizer (raised)	ft-in (mm)	15-8 (4773)
	Front and rear stabilizer (raised)	ft-in (mm)	14-11 (4550)
B	Center of slew ring to front and rear axle	ft-in (mm)	4-4 (1325)
C	Center of slew ring to front stabilizer (rear stabilizer)	ft-in (mm)	7-6 (2275)
D	Center of slew ring to front tire face	ft-in (mm)	6-1 (1844)
E	Center of slew ring to rear dozer blade (lowered)	ft-in (mm)	8-2 (2498)
F	Width over stabilizers	ft-in (mm)	7-10 (2380)
G	Width over dozer blade	ft-in (mm)	8-0 (2430)
H	Stabilizer lift height	ft-in (mm)	2-2 (652)
I	Dozer lift height (clearance)	ft-in (mm)	1-5 (440)
J	Dozer blade height (lowered)	ft-in (mm)	1-8 (505)
K	Dozer dig depth	ft-in (mm)	0-6 (160)

<b>ENGINE</b>	
Model	JCB EcoMAX 444 TCA EU Stage IV EPA Tier 4 Final compliant
Type	4-stroke, 4-cylinder in-line, common rail, direct injection, turbocharged and intercooled diesel
Rated power (ISO 14396)	109hp (81 kW) @ 2200 rpm
Gross torque (ISO 14396)	380 lb-ft
Piston displacement	4.4 liters
Air filtration	Dry element with secondary safety element and in-cab warning sensor
Starting system	12 volt
Batteries	12 volt
Alternator	12 volt, 150 ampere

<b>MAIN HYDRAULIC SYSTEM</b>	
System	Electronically controlled system using two variable displacement piston pumps plus twin gear pumps for steering, brakes and cooling
<b>Services pump</b>	72cc variable displacement axial piston pump
Flow rate @ 2200rpm	41.8 g/min
Excavator main relief pressure	4060 psi
<b>Transmission pump – 25mph</b>	85cc variable displacement axial piston pump in a closed loop hydrostatic drive system independent from working hydraulics
Flow rate @ 2200rpm	49.4 g/min
Transmission absolute pressure	7614 psi
<b>Transmission pump – 12mph</b>	65cc variable displacement axial piston pump in a closed loop hydrostatic drive system independent from working hydraulics
Flow rate @ 2200rpm	41.8 g/min
Transmission absolute pressure	7614 psi
<b>High flow auxiliary</b>	
High flow auxiliary pressure	37.8 g/min
High flow auxiliary max. flow	31.7 g/min
<b>Low flow auxiliary</b>	
Low flow auxiliary pressure	3046 psi
Low flow auxiliary max. flow	15.9 g/min
Second low flow auxiliary pressure	3046 psi
Second low flow auxiliary max. flow	15.9 g/min
<b>Hydraulic cylinders</b>	Hardened, chromed piston rods with end damping on boom raise and dipper in
<b>Filtration</b>	
In tank	125 micron suction strainer
Main return line	10 micron return line filter

<b>SLEW SYSTEM</b>	
Slew motor	Axial piston type
Slew brake	Hydraulic braking plus automatic spring applied disc type parking brake
Slew torque	6070 lb-ft
Slew speed	8.9 rpm
Slew gear	11 tooth pinion / 84 tooth ring

<b>TIRES</b>				
	Dual	Single	Single	Floatation
Type	9.00x20 tire with spacer ring	405/70 x 20 tire	Michelin XF 45/70R19.5 tire	550/45 x22.5 tire
Inflation pressure	102 psi (7.0 bar)	58 psi (4.0 bar)	58 psi (4.0 bar)	55 psi (3.8 bar)
Ply/load rating	14PR	16PR	173A8/180A2	16PR

<b>TURNING RADIUS</b>		
	To outside of tires	To outer edge of front mounted dozer blade
	4-Wheel Steer ft-in (mm)	4-Wheel Steer ft-in (mm)
Dual wheels	13-8 (4163)	15-3 (4650)
Single wheels	12-11 (3946)	14-10 (4511)
Floatation wheels	12-11 (3946)	14-10 (4511)

<b>TRAVEL SPEED</b>	
Max. speed	25mph
Drawbar pull	10,115 lb-ft
Steering	Fully hydraulic system with 4-wheel steer, 2-wheel steer and crab steer

<b>BRAKES</b>	
Brakes	All hydraulic dual circuit brake system with positive brake back off
Parking brake	Built into the transmission
Gradability	26.6° / 50% maximum continuous

<b>SERVICE CAPACITIES</b>		
Fuel tank	gallons (liters)	41.5 (157)
Engine coolant	gallons (liters)	7.4 (28)
Engine oil	gallons (liters)	3.7 (14)
Hydraulic system	gallons (liters)	50.2 (190)
Hydraulic tank	gallons (liters)	34.3 (130)
Transmission (dropbox)	gallons (liters)	.3 (1)
Axle differentials (each)	gallons (liters)	Front = 4.8 (18), Rear = 3.7 (14)
Axle hubs (each)	gallons (liters)	.5 (2)
DEF fluid capacity	gallons (liters)	5.0 (19)

## SPECIFICATION

### OPERATING WEIGHTS

Machine equipped with no bucket, 165lb operator, 340lb fuel, dual tires, 2000mm dipper.

No dozer, no stabilizer	lbs (kg)	23120 (10487)
Rear dozer	lbs (kg)	24315 (11029)
Rear stabilizer	lbs (kg)	24063 (10915)
Front dozer and rear stabilizer	lbs (kg)	25258 (11457)
Front stabilizer and rear stabilizer	lbs (kg)	25007 (11343)

### BUCKET AND ARM COMBINATIONS

Bucket options	GP Bucket								
Bucket width (mm)	10" (250)	12" (300)	16" (400)	18" (450)	20" (500)	24" (600)	32" (800)	36" (900)	
Bucket capacity yd <sup>3</sup> (m <sup>3</sup> )	.08 (0.06)	.10 (0.08)	.14 (0.11)	.17 (0.13)	.20 (0.15)	.25 (0.19)	.35 (0.27)	.40 (0.31)	
Bucket weight lbs (kg)	225 (102)	240 (109)	236 (107)	249 (113)	265 (120)	298 (135)	366 (166)	395 (179)	
5-5 (1.65m)	☐	☐	☐	☐	☐	☐	☐	☐	☐
6-7 (2.00m)	☐	☐	☐	☐	☐	☐	☐	☐	☐
7-5 (2.25m)	☐	☐	☐	☐	☐	☐	☐	☐	☐

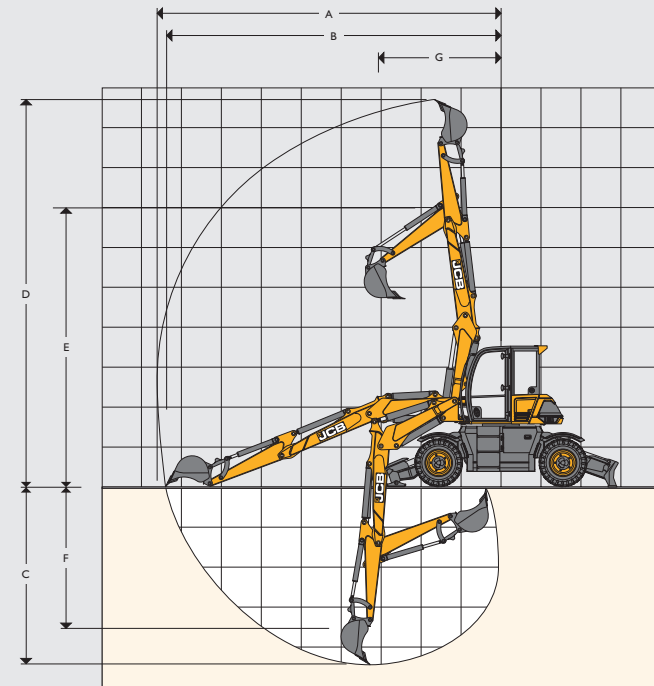
☐ = Material weight up to 3400 lbs/yd<sup>3</sup>.

● = Material weight up to 2700 lbs/yd<sup>3</sup>.

■ = Material weight up to 2000 lbs/yd<sup>3</sup>.

The above are to subject to ground conditions and are a guide only.

### WORKING RANGE



### WORKING RANGE

Dipper length		5-5 (1.65m)	6-7 (2.0m)	7-5 (2.25m)
A	Max. digging reach	mm 24-4 (7420)	25-6 (7770)	26-4 (8020)
B	Max. digging reach (on ground)	mm 23-6 (7165)	24-8 (7530)	25-6 (7785)
C	Max. digging depth	mm 12-6 (3810)	13-8 (4160)	14-6 (4410)
D	Max. digging height	mm 26-11 (8195)	28-0 (8545)	28-10 (8795)
E	Max. loadover height	mm 20-11 (6380)	22-1 (6720)	22-10 (6965)
F	Max. vertical wall cut depth	mm 9-10 (3000)	10-11 (3315)	11-7 (3540)
G	Min. swing radius	mm 8-9 (2675)	9-7 (2920)	10-2 (3100)
	Boom swing left	degrees	50	
	Boom swing right	degrees	70	
	Bucket rotation	degrees	184	
	Dipper tearout	lb-ft (kNm)	10860 (48.3)	8770 (39)
	Bucket tearout	lb-ft (kNm)		13535 (60.2)



**STANDARD/OPTIONAL EQUIPMENT**

<b>ENGINE</b>	
JCB EcoMAX 444 TCA EU Stage IV EPA Tier 4 Final Compliant 109hp Engine	•
Start pre-heat	•
DEF tank (T4F)	•
One touch idle	•
Auto-idle function	•
No DPF	•
Heavy duty batteries	•
Fuel filter with water separator	•
Electronic engine control	•
Fuel cooler	•
Refuelling pump	+
Cold climate kit	+
<b>SAFETY</b>	
Battery isolator	•
Key	•
2GO	•
Lockable fuel cap	•
Full halogen worklights (2x boom, 2x cab front, 2x cab rear & 2x cab side)	•
Full LED worklight upgrade	+
Rear-view camera	+
Fire extinguisher	+
FOPS level 2 guard	+
Heavy duty front screen guard	+
Reverse alarm kit	+

<b>CAB &amp; INTERIOR</b>	
Sound-insulated and 4 shock mounted cab	•
Mechanical suspension seat	•
Deluxe high fabric air suspension heated base seat	+
Height adjustable arm rests	•
Sliding right window	•
Immobilizer	•
7" color monitor with rotary control	•
Front window wiper	•
Retractable 2" seatbelt	•
12V power socket	•
Sunblind	•
13 air circulation vents	•
Momentary park brake (defaults on)	•
Locking brake pedal	•
Opening front window and removable lower front window	•
Travel speed indicator	•
Highway / site mode	•
Rear fog lights	•
Cab heater	•
Full climate control with air conditioning	+
Rain visor	+
Rear screen wiper with wash	+
Radio	+

<b>HYDRAULIC SYSTEM</b>	
Boom / Arm/ Bucket hose burst check valves	•
ISO / SAE changeover	•
Bucket to grab changeover	+
Smooth ride system	+
Hand held tool circuit	+
Hydraulic quickhitch	+
Proportional controls	•
Hammer / Auxiliary pipework	•
Hammer / Auxiliary with low flow pipework	+
Hammer / Auxiliary with 2x low flow pipework	+
Blanking caps for hydraulic pipework	+
Bio oil	+
Panolin oil	+

<b>LOWER STRUCTURE</b>	
2/4 and Crab steering modes	•
Reverse steer	+
Single tires	+
Dual tires	+
Flotation tires	+
Dozer blade (front / rear)	+
Stabilizers (front / rear)	+
Wheel fenders	+
Grab stowage bar	+
Stabilizer street pads	+
Clevis towing kit	+
Rockinger towing kit	+
High angle exhaust	+











<b>DIG END</b>	
Lifting shackle tipping link	•
Bucket ram guard	+

<b>OTHER</b>	
Cruise control	•
LiveLink telematics (5yr)	•
Remote fuel drain	+
Wheel chocks	+
Auto up function for dozer and stabilizers	+
Reversible fan	+











**STANDARD** •  
**OPTIONAL** +

**SPECIFICATION**










**LIFT CAPACITIES: 5' 5" (1.65M) DIPPER WITH STABS AND DOZER DEPLOYED TAB**

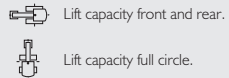
Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Max Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
14'9" (4.5m)	4028* (1827*)	4028* (1827*)	4651* (2105*)	4641* (2105*)	3896* (1767*)	3896* (1767*)	-	-	3342* (1516*)	2862 (1298)	19-6 (5964)
9'10" (3.0m)	-	-	5657* (2566*)	4877 (2212)	4308* (1954*)	3713 (1684)	3333* (1512*)	2815 (1277)	3051* (1384*)	2438 (1106)	21-4 (6518)
4'11" (1.5m)	-	-	6422* (2913*)	4824 (2188)	4733* (2147*)	3536 (1604)	3582* (1625*)	2716 (1232)	3075* (1395*)	2337 (1060)	21-8 (6632)
0'0" (0m)	-	-	5933* (2691*)	4694 (2129)	4462* (2024*)	3430 (1556)	3307* (1500*)	2674 (1213)	2712* (1230*)	2337 (1060)	20-8 (6339)
-3'3" (-1.0m)	6149* (2789*)	6149* (2789*)	4960* (2250*)	4277 (1940)	3737* (1695*)	3221 (1461)	-	-	2297* (1042*)	2297* (1042*)	19-3 (5887)

**LIFT CAPACITIES: 5' 5" (1.65M) DIPPER OFF DUAL TIRES TAB**

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Max Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
14'9" (4.5m)	4028* (1827*)	4028* (1827*)	4651* (2105*)	4641* (2105*)	3896* (1767*)	3135 (1422)	-	-	3342* (1516*)	2271 (1030)	19-6 (5964)
9'10" (3.0m)	-	-	5657* (2566*)	4158 (1886)	4308* (1954*)	2994 (1358)	3333* (1512*)	2244 (1018)	3051* (1384*)	1936 (878)	21-4 (6518)
4'11" (1.5m)	-	-	6422* (2913*)	3803 (1725)	4733* (2147*)	2813 (1276)	3582* (1625*)	2167 (983)	3075* (1395*)	1863 (845)	21-8 (6632)
0'0" (0m)	-	-	5933* (2691*)	3721 (1688)	4462* (2024*)	2738 (1242)	3307* (1500*)	2141 (971)	2712* (1230*)	2004 (909)	20-8 (6339)
-3'3" (-1.0m)	6149* (2789*)	6149* (2789*)	4960* (2250*)	3790 (1719)	3737* (1695*)	2769 (1256)	-	-	2297* (1042*)	2297* (1042*)	19-3 (5887)











**LIFT CAPACITIES: 6' 7" (2.00M) DIPPER WITH STABS AND DOZER DEPLOYED TAB**

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Max Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
14'9" (4.5m)	-	-	4206* (1908*)	4206* (1908*)	-	-	3053* (1385*)	2632 (1194)	2945* (1336*)	2540 (1152)	20-9 (6358)
9'10" (3.0m)	-	-	5317* (2412*)	5317* (2412*)	4065* (1844*)	3505 (1590)	-	-	2716* (1232*)	2218 (1006)	22-6 (6874)
4'11" (1.5m)	-	-	6274* (2846*)	4841 (2196)	4619* (2095*)	3519 (1596)	3437* (1559*)	2694 (1222)	2736* (1241*)	2134 (968)	22-9 (6982)
0'0" (0m)	-	-	6098* (2766*)	4638 (2104)	4524* (2052*)	3377 (1532)	3457* (1568*)	2626 (1191)	2518* (1142*)	2172 (985)	22-0 (6706)
-3'3" (-1.0m)	7015* (3182*)	7015* (3182*)	5304* (2406*)	4572 (2074)	3990* (1810*)	3373 (1530)	2811* (1275*)	2423 (1099)	2185* (991*)	2185* (991*)	20-6 (6288)













- 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: 6' 7" (2.00M) DIPPER OFF DUAL TIRES** **TAB**

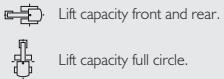
Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Max Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
14'9" (4.5m)	-	-	4206* (1908*)	4206* (1908*)	-	-	3053* (1385*)	2299 (1043)	2945* (1336*)	2026 (919)	20-9 (6358)
9'10" (3.0m)	-	-	5317* (2412*)	4233 (1920)	4065* (1844*)	3009 (1365)	-	-	2716* (1232*)	1753 (795)	22-6 (6874)
4'11" (1.5m)	-	-	6274* (2846*)	3812 (1729)	4619* (2095*)	2795 (1268)	3437* (1559*)	2143 (972)	2736* (1241*)	1689 (766)	22-9 (6982)
0'0" (0m)	-	-	6098* (2766*)	3664 (1662)	4254* (2052*)	2687 (1219)	3457* (1568*)	2092 (949)	2518* (1142*)	1803 (818)	22-0 (6706)
-3'3" (-1.0m)	7015* (3182*)	7015* (3182*)	5304* (2406*)	3688 (1673)	3990* (1810*)	2696 (1223)	2811* (1275*)	2114 (959)	2185* (991*)	2185* (991*)	20-6 (6288)

**LIFT CAPACITIES: 7' 5" (2.25M) DIPPER WITH STABS AND DOZER DEPLOYED** **TAB**

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Max Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
14'9" (4.5m)	-	-	3488* (1582*)	3488* (1582*)	3523* (1598*)	3523* (1598*)	2921* (1325*)	2921* (1325*)	2703* (1226*)	2330 (1057)	21-8 (6636)
9'10" (3.0m)	-	-	4738* (2149*)	4738* (2149*)	3902* (1770*)	3364 (1526)	3056* (1386*)	2634 (1195)	2502* (1135*)	2072 (940)	23-4 (7127)
4'11" (1.5m)	-	-	6122* (2777*)	4859 (2204)	4533* (2056*)	3527 (1600)	3333* (1512*)	2683 (1217)	2518* (1142*)	1997 (906)	23-7 (7231)
0'0" (0m)	-	-	6162* (2795*)	4603 (2088)	4548* (2063*)	3351 (1520)	-	-	2383* (1081*)	2055 (932)	22-9 (6967)
-3'3" (-1.0m)	6411* (2908*)	6411* (2908*)	5512* (2500*)	4581 (2078)	4125* (1871*)	3329 (1510)	3018* (1369*)	2582 (1171)	2094* (950*)	2094 (950)	21-6 (6570)

**LIFT CAPACITIES: 7' 5" (2.25M) DIPPER OFF DUAL TIRES** **TAB**

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Max Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
14'9" (4.5m)	-	-	3488* (1582*)	3488* (1582*)	3523* (1598*)	3523* (1598*)	2921* (1325*)	2319 (1052)	2703* (1226*)	1870 (848)	21-8 (6636)
9'10" (3.0m)	-	-	4738* (2149*)	4738* (2149*)	3902* (1770*)	3025 (1372)	3056* (1386*)	2244 (1018)	2502* (1135*)	1631 (740)	23-4 (7127)
4'11" (1.5m)	-	-	6122* (2777*)	3823 (1734)	4533* (2056*)	2800 (1270)	3333* (1512*)	2127 (965)	2518* (1142*)	1572 (713)	23-7 (7231)
0'0" (0m)	-	-	6162* (2795*)	3627 (1645)	4548* (2063*)	2654 (1204)	-	-	2383* (1081*)	1673 (759)	22-9 (6967)
-3'3" (-1.0m)	6411* (2908*)	6411* (2908*)	5512* (2500*)	3629 (1646)	4125* (1871*)	2650 (1202)	3018* (1369*)	2057 (933)	2094* (950*)	2094* (950*)	21-6 (6570)



- 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.



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