# 131X



## INTRODUCING THE NEXT IN THE X SERIES

Our vision from the start was to design and engineer our most advanced tracked excavator range ever.

The new JCB 13 ton machine sits perfectly alongside its highly acclaimed 20 ton big brother.

Our engineering teams have once again obsessed over every minute detail of this new world-class excavator and used the same quality materials and proven components.

The result is another machine in the X SERIES to be taken seriously. Another machine to be trusted.

LORD BAMFORD, CHAIRMAN, JCB

Anting Ben Ford.



#### **EXTREME STRENGTH**

#### Tested to extremes.

**1** JCB X-Series excavators are tested on a whole-machine shaker rig to replicate 15,000 hours of tracking and vibration.

The latest JCB dig end has been proven over countless hours on machines operating around the globe in every imaginable application.

Exhaustive testing on purpose-built electronics and electric rigs prove the reliability of connections, layout and software.

- Windows and doors are tested with 30,000 open and close operations to prove component quality.
- Hot and cold climate testing (131°F to -22°F) is performed in controlled conditions and real-world applications.

#### **Exceptional build quality**

4 Proven undercarriage with fully-welded X frame construction for long-term durability.

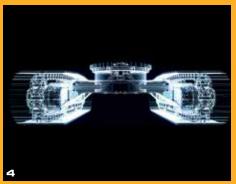
Components by the industry's leading suppliers and most trusted brands.

For enhanced strength, X-Series excavators feature rigid upper frames, flat revolver side skirts and double skinned doors with plated hinges.

Robust fold back mechanism for cab mirror.

Finite element analysis ensures longer life for key components.













#### **EXCEPTIONAL COMFORT**

#### **Best operator environment.**

1 Spacious JCB CommandPlus cab with high-quality, injection molded interior. Industry-leading Grammer seat with with 145-degree recline and wide, adjustable arm rests.

T-bars with optimized ergonomics are standard; new track pedal design with with non-slip coatings.

- Por optimum control and reduced fatigue, the joystick and switch controls are mounted to pods that are suspended from the seat and move with the operator.
- The powerful new HVAC system features II targeted vents for optimum performance in hot and cold environments.

A cool/heat box is standard.

- An industry-standard isolator lever prevents accidental activation when exiting the cab.
- A spacious luggage tray behind the operator's seat with includes three independent 12V power supplies. Another handy storage space can be found at the back of the cab in the roof liner, with a hanger for the operator's hard hat.
- Bluetooth radio is fully integrated into the control screen.

















#### Effortless working.

- 1 Proven Japanese hydraulics deliver precise and efficient control.
- The operator can choose Auto-Stop and Auto-Idle, depending on preference.
- **G** Customizable proportional controls allow the operator to set speed and attachment control preferences.

A dozer option adds extra versatility.

A power boost button increases pressure by 9 percent for up to 9 seconds, to provide extra tearout in tough conditions.

- 4 Tracking control adjustments can be made on the joystick. A convenient button configures a range of functions such as radio mute, camera cycle or front screen wash.
- Slew drive provides high torque on acceleration and braking for greater controllability and refinement.













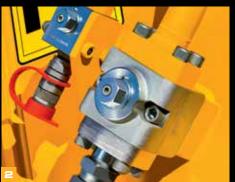
#### **EXTREMELY EASY**

#### Easier to use.

1 A start-stop button eliminates the need to turn the key to restart the machine. The start sequence enables operation within two seconds.

Numerous language options are available for the navigation menu, to suit most operators.

- Pipework shut-off taps feature SAE fittings for quick connection of attachments.
- An advanced tool select system improves attachment handling by monitoring pressure and
- The I3IX features an easy quick hitch with an override for removing large breakers or fork attachments.
- Available options include a fitting to accommodate a GPS system, including 2D and 3D Topcon, Trimble and Leica models.
- The cab has mounting points for protective guards and features flat front glass for easy replacement when needed.

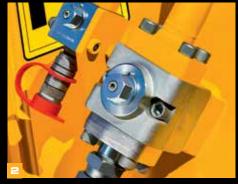
















#### **EXPERIENCE GREATER PERFORMANCE**

#### **Best-in-class productivity.**

- 1 Large diameter hydraulic pipes and hoses increase productivity and efficiency.

  An innovative hydraulic regeneration system recycles oil across the cylinders for faster cycle times and reduced fuel consumption.
- The auto-stop and auto-idle feature on the JCB EcoMAX Tier 4 Final engine enables fuel saving of up to 5%.
- JCB offers a full range of auxiliary pipework options, including hammer, merged pump flow, auxiliary and low flow.
- 4 Effective machine cooling in temperatures up to 131°F heat, even with the with air conditioning running, is achieved with a 15 percent larger hydraulic cooler for optimum airflow.
- The Tier 4 Final-compliant 74hp JCB EcoMAX engine requires no DEF, for fewer hassles and lower running costs.













#### **EXTRAORDINARY ATTENTION TO DETAIL**

#### World-class finish.

All components are painted in-house at JCB's state-of-the-art paint facility. JCB's paint process includes quality checks for adhesion and coverage.

All JCB machines undergo 1,232 validation checks, including vibration, pressure and temperature tests, that replicate real application conditions.

- E Fewer vented and open areas means stronger bodywork and reduced painted edges.
- Doors are zinc-coated for rust protection on all wear faces and are bolted directly to the frame.

A new bolt and washer design protects paint from damage. All fasteners have a Geomet zinc finish for improved corrosion resistance.

A New recessed counterweight design protects the rear end from impact damage.

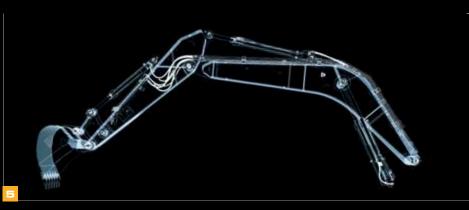
#### World-class assembly.

- Robot welding of the dig end and undercarriage ensures consistent quality and accuracy.
- The slew ring mounting face is machined after manufacturing and welding to ensure a flat surface that reduces slewing noise.



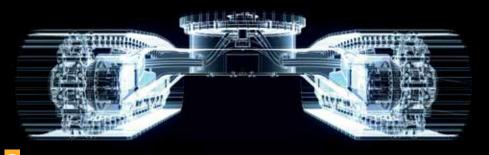
















#### **EXTENDED SERVICE INTERVALS**

#### Simple servicing.

- **1** Grouped greasing points so regular maintenance is easier and faster.
- An optional refuelling pump is available, with or without an in-line fuel filter.
- Ground-level access to the hour meter,
  HVAC filter, cab air filter and single fuse box.

Optional LED convenience lighting for the service bay and upper structure.

- 4 Bolt-on handrails and mirrors can be easily replaced if needed.
- **5** 1,000-hour engine air filter life thanks to JCB's standard-fit system with Powercore Nanofilter technology.
- Large, single-face cooling pack for more efficient cooling and easy access.

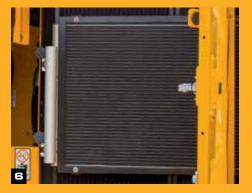














## **EXCEEDINGLY SAFE**

Operators, service engineers and site workers benefit from JCB's unique approach to safety, with features designed into the machine to make work safer for everyone.

#### Safer working.

- 1 The I3IX boasts anti-slip surfaces and comfortable grab handles. To make servicing more comfortable, kneeling areas are free of tread plate.
- Flat, safe operator access to the top of the machine with built in kick strips around the edges.
- Optional twin or 360-degree cameras aid safe operation.
- The optional dipper limiter can be configured to avoid a cab strike.











### **EXTRA SUPPORT**

JCB LIVELINK IS AN INNOVATIVE SOFTWARE SYSTEM TO MONITOR AND MANAGE YOUR MACHINES REMOTELY – ONLINE, BY EMAIL OR BY MOBILE PHONE.



#### Machine efficiency.

By providing information such as idle time monitoring and fuel consumption, JCB LiveLink saves you money and improves productivity.

#### Machine benefits.

Accurate hours monitoring and service alerts improve maintenance planning. Critical machine alerts and maintenance history records are also available.

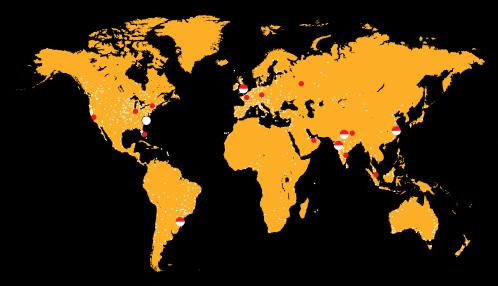
#### Security benefits.

Livelink's real-time geofencing alerts advise when a machine is moved out of a predetermined zone and real-time curfew alerts inform of unauthorized usage. Further benefits include real-time location information, advanced ECU matching (pairs Livelink with the immobiliser or ECU), and remote PIN code management.





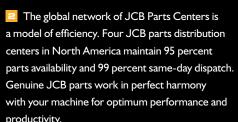
#### **EXTRA SUPPORT**



- Manufacturing Facilities
- Dealers
- Parts Distribution Centres
- 1 JCB Technical Support Service provides instant access to factory expertise, day or night JCB's Finance team is always on hand to provide fast, flexible, competitive quotes.

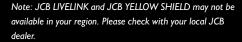


a model of efficiency. Four JCB parts distribution centers in North America maintain 95 percent Genuine JCB parts work in perfect harmony productivity.





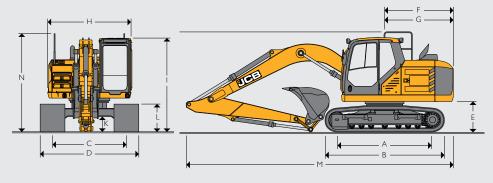








#### STATIC DIMENSIONS



STA	TIC DIMENSIONS								
Mod	del		131X LC						
Α	Track length on ground	ft-in (m)	9-5 (2.87)						
В	Undercarriage overall length	ft-in (m)		11-9 (3.59)					
С	Track gauge	ft-in (m)		6-6 (1.99)					
D	Width over tracks (500 mm trackshoes)	ft-in (m)		8-2 (2.49)					
D	Width over tracks (600 mm trackshoes)	ft-in (m)		8-6 (2.59)					
D	Width over tracks (700 mm trackshoes)	ft-in (m)		8-10 (2.69)					
D	Width over tracks (850 mm trackshoes)		9-4 (2.84)						
Ε	Counterweight clearance	ft-in (m)		3-0 (0.91)					
F	Tail length	ft-in (m)	6-11						
G	Tail swing radius	ft-in (m)	7-1						
Н	Width of upper superstructure	ft-in (m)	8-2 (2.49)						
-1	Height over cab	ft-in (m)		9-5 (2.87)					
-1	Height over cab (vandal guard – optional)	ft-in (m)		10-5 (3.17)					
-1	Height over cab (FOPS guard)	ft-in (m)		9-9 (2.97)					
J	Height over grab rail	ft-in (m)		9-10 (3.00)					
Κ	Ground clearance	ft-in (m)		I-5 (0.43)					
L	Track height	ft-in (m)		2-8 (0.81)					
				Mono					
Dip	per lengths		2.5 m	2.7 m	3.0 m				
М	Transport length	ft-in (m)	25-2 (7.66)	25-1 (7.65)	24-11 (7.60)				
Ν	Transport height	ft-in (m)	9-10 (3.00)	10-6 (3.21)	10-9 (3.29)				

ENGINE		
Model		JCB EcoMAX 444 TCA EPA Tier 4 Final Compliant
Туре		4-stroke, 4-cylinder in-line, common rail, direct injection, turbocharged and intercooled diesel
Rated power	hp (kW)	74 (55)
Piston displacement		4.399 liters
Air filtration		Dry element with secondary safety element and in cab warning indicator
Starting system		24 volt
Batteries		2 x I2 volt
Alternator		28 volt – I 00 ampere
Max. torque	lb-ft (Nm)	295 (400)
Bore and stroke	in (mm)	4 (103) & 5 (132)

SWING SYSTEM		
Swing motor		Axial piston
Swing brake		Hydraulic braking plus automatic spring applied disc type parking brake
Swing torque	lbf (KNm)	26,552 (36)
Swing speed	RPM	13.1
Swing gear		Large diameter, internally toothed fully sealed grease bath lubricated
Dipstick		Remote

TRACK DRIVE	
Туре	Fully hydrostatic, two speed with autoshift
Travel motors	Variable swash axial piston type, fully guarded within undercarriage frame
Final drive	Planetary reduction, bolt-on sprockets
Service brake	Hydraulic counter balance valve
Park brake	Disc type, spring applied, automatic hydraulic release
Gradeability	70% (35 deg) continuous
Travel speed	LC
mph (km/h)	4.1 (6.6)
mph (km/h)	2.4 (3.8)
$\label{eq:local_local_local_local_local} \mbox{Tractive effort} \qquad \qquad \mbox{lbf (km/h)}$	26,078 (116)

HYDRAULIC SYSTEM										
Pumps										
Main pumps		2 variable displacement axial piston type								
Max. flow	gpm (I/min)	2 x 34.3 (2 x 130)								
Servo pump	gpm (I/min)	7.9 (30)								
Control valve										
A combined four and five sp	ool control valve w	ith auxiliary service spool as sta	andard							
Relief valve settings										
Boom/arm/bucket	psi (bar)	4,554 (314)								
With power boost	psi (bar)	4,975 (343)								
Swing circuit	psi (bar)	4,047 (279)								
Travel circuit	psi (bar)	4,975 (343)								
Pilot control	psi (bar)	580 (40)								
Filtration										
In tank		105 micron, suction strainer								
Main return line		10 micron, glass fibre element								
Pilot drain line		10 micron, glass fibre element								
Pilot line		10 micron, glass fibre element								
Hydraulic hammer return		10 micron, reinforced microform element								
Hydraulic cylinders										
		Quantity	Bore in (mm)	Rod diameter in (mm)						
Boom		2	3.9 (100)	3.0 (75)						

			* *	` '
Tab		I	5.5 (140)	3.0 (75)
SERVICE CAPACITIES				
Fuel tank	g (l)		68.7 (260)	
Engine coolant	g (l)		5.2 (19.7)	
Engine oil	g (l)		3.7 (14)	
Swing reduction gear	g (l)		0.5 (2.2)	
Track reduction gear (each side)	g (l)		0.9 (3.5)	

g (l)

g (l)

g (l)

4.5 (115)

3.7 (95)

33.3 (126)

35.1 (133)

12.6 (47.7)

3.1 (80)

2.8 (70)

Arm

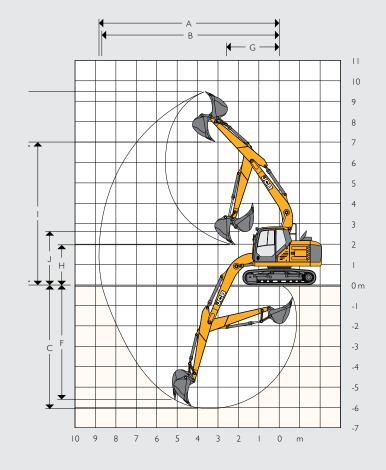
Bucket

Hydraulic system

Hydraulic tank

DEF fluid

W0	WORKING RANGE – MONOBOOM: 15' 5" (4.7 M)											
Dip	per length:	ft-in (mm)	6-10 (2.1)	8-2 (2.5)	8-10 (2.7)	9-10 (3.0)						
Α	Max. digging reach	ft-in (mm)	26-4 (8,015)	27-6 (8,385)	28-1 (8,564)	29-0 (8,841)						
В	Max. digging reach (on ground)	ft-in (mm)	25-10 (7,863)	27-0 (8,240)	27-8 (8,422)	28-7 (8,704)						
С	Max. digging depth	ft-in (mm)	16-11 (5,161)	18-3 (5,564)	18-11 (5,764)	19-11 (6,063)						
D	Max. digging height	ft-in (mm)	29-3 (8,907)	30-1 (9,164)	30-6 (9,288)	31-2 (9,503)						
Ε	Max. dumping height	ft-in (mm)	21-0 (6,411)	21-11 (6,684)	22-4 (6,806)	23-0 (7,007)						
F	Max. vertical wall cut depth	ft-in (mm)	15-5 (4,698)	16-9 (5,098)	17-4 (5,295)	18-4 (5,592)						
G	Min. swing radius	ft-in (mm)	7-1 (2,156)	7-3 (2,212)	8-3 (2,506)	8-5 (2,575)						
Н	Min. dumping height	ft-in (mm)	9-2 (2,795)	7-10 (2,393)	7-5 (2,267)	6-6 (1,975)						
-1	Max. swing height	ft-in (mm)	21-1 (6,436)	22-0 (6,707)	22-5 (6,833)	23-1 (7,034)						
J	Min. swing height	ft-in (mm)	11-7 (3,525)	10-2 (3,108)	9-7 (2,922)	8-8 (2,630)						
Κ	Bucket struck radius	ft-in (mm)	4-1 (1,248)	4-1 (1,248)	4-1 (1,248)	4-1 (1,248)						
L	Bucket rotation	degrees	182	182	182	182						
	Max. dipper tearout	lbf (kgf)	16,299 (7,393)	14,522 (6,587)	142,09 (6,445)	13,197 (5,986)						
	Max. bucket tearout	lbf (kgf)	20,794 (9,432)	20,794 (9,432)	20,794 (9,432)	20,794 (9,432)						



UNDERCARRIAGE								
Carriage options		LC – Long Carriage.						
Construction	,	Fully welded 'X' frame type with central belly guarding and sloping sidemembers with dirt relief holes under top rollers.						
Recovery point		Front and rear.						
Track type		Sealed and lubricated	d.					
Upper and lower rollers		Heat treated, sealed and lubricated.						
Track adjustment		Grease cylinder type.						
Track idler		Sealed and lubricated, with spring cushioned recoil.						
Track shoe options	ft-in (mm)	20 (500)	24 (600)	28 (700)	33 (850)			
		•4=	•=	•	•			
No. of upper rollers (per side)		2						
No. of lower rollers (per side)		7						
No. of track guides (per side)		2 optional						
No. of track shoes (per side)		44						

WEIGHTS AND GROUND BEARING PRESSURES										
Figures include standard 966 lb (438 kg), bucket, operator, full fuel tank and 8'2" (2.5 m) dipper.										
	ft-in (mm)	20 (500)	24 (600)	28 (700)	33 (850)					
131 LC Monoboom										
Machine weight	lb (kg)	32,664 (14,816)	33,138 (15,031)	33,614 (15,247)	35,649 (16,170)					
Ground bearing pressure	lb/in² (kg/cm²)	6.8 (0.48)	5.7 (0.40)	5.0 (0.35)	4.4 (0.31)					

SOUND LEVEL	
Sound level in cab according to ISO 6396	67 dB(A)
External sound level according to ISO 6395 and EU Directive 2000/14/EC	102 dB(A)

TRIPLE GROUSER •
GEOGRIP •
RUBBER SHOES ■

BUCKET AND ARM COMBINA	UCKET AND ARM COMBINATION																						
Bucket options					GP I	Bucket						HD B	ucket			Ditch Ma	intenance			HD Bucket			
Bucket width	in (mm)	18 (450)	24 (600)	28 (700)	31 (800)	35 (900)	39 (1000)	49 (1250)	53 (1350)	18 (458)	24"(610)	30 (762)	36 (915)	39 (991)	48 (1,219)	60 (1524)	72 (1836)	24 (600)	28 (700)	31 (800)	1000	1200	1300
Bucket capacity	ft <sup>3</sup> (m <sup>3</sup> )	7.4 (0.21)	12.4 (0.35)	14.8 (0.42)	17.7( 0.50)	19.1 (0.54)	23.3 (0.66)	28.6 (0.81)	31.4 (0.89)	7.1 (0.20)	9.2 (0.26)	12.0 (0.34)	15.2 (0.43)	17.7 (0.50)	21.5 (0.61)	23.0 (0.65)	27.9 (0.79)	12.4 (0.35)	14.8 (0.42)	17.7(0.50)	0.66	0.81	0.89
Bucket weight	lb (kg)	677(307)	754 (342)	807 (366)	884 (401)	937 (425)	1014 (460)	1,116 (506)	1,195 (542)	606 (275)	683 (310)	787 (357)	886 (402)	935 (424)	1,087(493)	1,047 (475)	1,179 (535)	741 (336)	802 (364)	886 (402)	455	520	547
131X LC																							
2.1 m quick hitch (no quick	hitch)																						
2.5 m quick hitch (no quick	hitch)								<b>■</b> ( <b>●</b> )														
2.7 m quick hitch (no quick	hitch)																						
3.0 m quick hitch (no quick	hitch)							<b>(0)</b>	• (X)														• (x)
131X LCD																							
2.1 m quick hitch (no quick	hitch)																						
2.5 m quick hitch (no quick	hitch)																						
2.7 m quick hitch (no quick	hitch)																						<b>■</b> ( <b>●</b> )
3.0 m quick hitch (no quick	hitch)								• (•)														• (•)

□ = Suitable for general excavating materials up to 1,800kg/m³.
■ = Suitable for grading and loading materials up to 1,500kg/m³.
■ = Suitable for light excavating materials up to 1,200kg/m³.

X = Not recommended.

These recommendations are given as a guide based on typical operating conditions.

Please contact your distributor for the correct selection of buckets and attachments to suit the application.

ENGINE	
JCB, Tier 4 Final-compliant, water cooled diesel turbocharged after cooled electronic 4 cylinder 4.4 liter engine.	•
Start pre-heat	•
One touch idle	•
Auto-idle function	•
Automatic engine shutdown	•
Fan guard	•
Heavy duty batteries	•
Fuel filter with sedimenter	•
Electronic engine control	•
Fuel cooler	•
Refuelling pump with inline filter	+
Additional fuel filter with water separator	•
Reversing fan	+
Webasto winter kit	+
SAFETY	
Side guard rails on upper structure and steps	•
Rear view camera	•
Battery isolator	•
Key	•
Lockable fuel cap	•
Lockable hydraulic tank cap	•
Work lights (Level 1 − 2 revolving frame, 2 boom mounted)	•
Roll over protective structure (ROPS)	•
Travel alarm	•
Additional light options (levels 2 & 3 available in halogen or LED)	+
White noise alarm	+
Cab guard	+
Green beacon linked to seat belt	+
Fire extinguisher (1 kg powder)	+
Vandal guards	+
Chevron counterweight	+
Rotating roof beacon	+
2 x counterweight beacons	+
Twin camera	+
360 degree camera	+
Full upper surrounding handrails	+
Arm limiter	+

STANDARD/OPTIONAL EQUIPMENT

CAB & INTERIOR	
Sound-insulated and dual-shock mounted cab	•
Mechanical suspension seat	•
Heater	•
Opening front window and removable lower front window	•
Upper door sliding glass in 2 directions	•
Upper windscreen wiper	•
4-button joysticks	•
Travel pedals and T-handle levers	•
2 foot rests	•
Immobiliser	+
Loudspeakers and connection for radio	•
Standard cab filtration	•
Electric dual tone horn	•
Interior cab light	•
3 x I 2v sockets	•
7" colour monitor	•
Retractable 2" seatbelt	•
Fixed roof glass	•
Roof blind	•
Cool box	•
Cup holder	•
Climate control	+
Rear window blind	+
3" seat belt	+
2" hi-vis seat belt	+
3" hi-vis seat belt	+
Front blind	+
Side window blind	+
Bluetooth radio (linked to pod controls and screen)	+
Carbon air filter	+
Deluxe seat: heated, adjustable air suspension seat with adjustable headrest.	+
Super deluxe seat: Heated and air ventilation, adjustable air suspension seat with adjustable head rest and electric lumbar support	+
Rain guard visor	+
Dual front wiper	+
UNDERCARRIAGE	
Greased and sealed track links	•
Twin track guards	+
24" (600 mm), 28" (700 mm), 31" (800 mm), 34" (850 mm) triple grouser shoe	+
20" (500 mm), 24" (600 mm), 28" (700 mm) dozer	+

Bucket regeneration One touch power boost Cushion control Cylinder cushioning and contamination seals 2-speed track motors Oil cooler 10 attachment settings through the display High, merged, medium and low flow options (shut off taps as standard) Advanced tool select to control flow and pressure Proportional control joystick sliders with electronic foot pedal Bio oil Panolin oil Quick hitch pipework Hydaulic quick hitch ISO/SAE change over SAE to BSP converters on high flow auxiliary pipework Quick release couplings Hose burst check valves (boom, arm) Twin HBCV For bucket cylinder Auxiliary vent to tank Attachment case drain Steelwrist ready PIG END Grouped greasing Auto greasing Finance (2.7 m), 9'10" (3.0 m) HD dipper 8'10" (2.7 m), 9'10" (3.0 m) HD dipper 8'10" (2.7 m), 9'10" (3.0 m) Finance (3.0 m) Finance (3.0 m) Finance (4.0 m) Finance (4.0 m) Finance (5.0 m) Finance (6.0 m	HYDRAULIC SYSTEM	
One touch power boost Cushion control Cylinder cushioning and contamination seals 2-speed track motors Oil cooler 10 attachment settings through the display High, merged, medium and low flow options (shut off taps as standard) Advanced tool select to control flow and pressure Proportional control joystick sliders with electronic foot pedal Bio oil Panolin oil Quick hitch pipework Hydaulic quick hitch ISO/SAE change over SAE to BSP converters on high flow auxiliary pipework Quick release couplings Hose burst check valves (boom, arm) Twin HBCV For bucket cylinder Auxiliary vent to tank Attachment case drain Steelwrist ready PIGEND Grouped greasing Auto greasing Pippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m) HD dipper 8'10" (2.7 m), 9'10" (3.0 m) Lifting hook tipping link Lifting shackle tipping link Lifting shackle tipping link Current Guards for boom mounted lights  OTHER Ground level visible hour meter Large toolbox Livelink telematics Vide core radiators HD slew bearing seal 10mm heavy duty plates for upper and lower structure Flyscreen (cooling pack + condenser) Guards for work lights		•
Cushion control  Cylinder cushioning and contamination seals  2-speed track motors  Oil cooler  10 attachment settings through the display High, merged, medium and low flow options (shut off taps as standard) Advanced tool select to control flow and pressure Proportional control joystick sliders with electronic foot pedal Bio oil Panolin oil Quick hitch pipework Hydaulic quick hitch ISO/SAE change over SAE to BSP converters on high flow auxiliary pipework Quick release couplings Hose burst check valves (boom, arm) Twin HBCV For bucket cylinder Auxiliary vent to tank Attachment case drain Steelwrist ready  DIG END Grouped greasing Auto greasing Dippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m) HD dipper 8'10" (2.7 m), 9'10" (3.0 m) Lifting hook tipping link Lifting shackle tipping link Bucket ram guard Guards for boom mounted lights  OTHER Ground level visible hour meter Large toolbox Livelink telematics Wide core radiators HD slew bearing seal 10mm heavy duty plates for upper and lower structure Flyscreen (cooling pack + condenser) Guards for work lights		•
Cylinder cushioning and contamination seals 2-speed track motors Oil cooler 10 attachment settings through the display High, merged, medium and low flow options (shut off taps as standard) Advanced tool select to control flow and pressure Proportional control joystick sliders with electronic foot pedal Bio oil Panolin oil Quick hitch pipework Hydaulic quick hitch ISO/SAE change over SAE to BSP converters on high flow auxiliary pipework Quick release couplings Hose burst check valves (boom, arm) Twin HBCV For bucket cylinder Auxiliary vent to tank Attachment case drain Steelwrist ready DIG END Grouped greasing Auto greasing Auto greasing Auto greasing Auto greasing Lifting hook tipping link Lifting shackle tipping link Bucket ram guard Guards for boom mounted lights  OTHER Ground level visible hour meter Large toolbox Livelink telematics Wide core radiators HD slew bearing seal 10mm heavy duty plates for upper and lower structure Flyscreen (cooling pack + condenser) Guards for work lights	·	•
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Panolin oil + Quick hitch pipework + Hydaulic quick hitch + ISO/SAE change over + SAE to BSP converters on high flow auxiliary pipework + Quick release couplings + Hose burst check valves (boom, arm) + Twin HBCV For bucket cylinder + Auxiliary vent to tank + Attachment case drain + Steelwrist ready + DIG END Grouped greasing + Auto greasing + Dippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m) + HD dipper 8'10" (2.7 m), 9'10" (3.0 m) + Lifting hook tipping link + Lifting shackle tipping link + Guards for boom mounted lights + Ground level visible hour meter - Large toolbox + Livelink telematics + Wide core radiators + HD slew bearing seal - I0mm heavy duty plates for upper and lower structure + Flyscreen (cooling pack + condenser) + Guards for work lights +		
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Hydaulic quick hitch  ISO/SAE change over  SAE to BSP converters on high flow auxiliary pipework  Quick release couplings  Hose burst check valves (boom, arm)  Twin HBCV For bucket cylinder  Auxiliary vent to tank  Attachment case drain  Steelwrist ready  Holi END  Grouped greasing  Auto greasing  Auto greasing  HD Dippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m)  HD dipper 8'10" (2.7 m), 9'10" (3.0 m)  + Lifting hook tipping link  Lifting shackle tipping link  Bucket ram guard  Guards for boom mounted lights  OTHER  Ground level visible hour meter  Large toolbox  Livelink telematics  Wide core radiators  HD slew bearing seal  10mm heavy duty plates for upper and lower structure  Flyscreen (cooling pack + condenser)  Guards for work lights		
ISO/SAE change over  SAE to BSP converters on high flow auxiliary pipework  Quick release couplings  Hose burst check valves (boom, arm)  Twin HBCV For bucket cylinder  Auxiliary vent to tank  Attachment case drain  Steelwrist ready  HOIG END  Grouped greasing  Auto greasing  Pippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m)  HD dipper 8'10" (2.7 m), 9'10" (3.0 m)  Lifting hook tipping link  Lifting shackle tipping link  Bucket ram guard  Guards for boom mounted lights  OTHER  Ground level visible hour meter  Large toolbox  Livelink telematics  Wide core radiators  HD slew bearing seal  10mm heavy duty plates for upper and lower structure  Flyscreen (cooling pack + condenser)  Guards for work lights		-
SAE to BSP converters on high flow auxiliary pipework  Quick release couplings  Hose burst check valves (boom, arm)  Twin HBCV For bucket cylinder  Auxiliary vent to tank  Attachment case drain  Steelwrist ready  HOIG END  Grouped greasing  Auto greasing  Pippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m)  HD dipper 8'10" (2.7 m), 9'10" (3.0 m)  + Lifting hook tipping link  Lifting shackle tipping link  H Guards for boom mounted lights  OTHER  Ground level visible hour meter  Large toolbox  Livelink telematics  Wide core radiators  HD slew bearing seal  10mm heavy duty plates for upper and lower structure  Flyscreen (cooling pack + condenser)  Guards for work lights  + Guards for work lights	, ,	
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Hose burst check valves (boom, arm)  Twin HBCV For bucket cylinder  Auxiliary vent to tank  Attachment case drain  Steelwrist ready  HDIG END  Grouped greasing  Auto greasing  + Dippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m)  + HD dipper 8'10" (2.7 m), 9'10" (3.0 m)  + Lifting hook tipping link  Lifting shackle tipping link  + Bucket ram guard  Ground level visible hour meter  Large toolbox  Livelink telematics  Wide core radiators  + D slew bearing seal  10mm heavy duty plates for upper and lower structure  Flyscreen (cooling pack + condenser)  Guards for work lights  + Guards for work lights	, , , ,	
Twin HBCV For bucket cylinder  Auxiliary vent to tank  Attachment case drain  Steelwrist ready  HDIG END  Grouped greasing  Auto greasing  HDippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m)  HD dipper 8'10" (2.7 m), 9'10" (3.0 m)  + Lifting hook tipping link  Lifting shackle tipping link  HBucket ram guard  Guards for boom mounted lights  THE  Ground level visible hour meter  Large toolbox  Livelink telematics  Wide core radiators  HD slew bearing seal  10mm heavy duty plates for upper and lower structure  Flyscreen (cooling pack + condenser)  Guards for work lights	, 9	
Auxiliary vent to tank  Attachment case drain  Steelwrist ready  H  DIG END  Grouped greasing  Auto greasing  H  Dippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m)  HD dipper 8'10" (2.7 m), 9'10" (3.0 m)  Lifting hook tipping link  Lifting shackle tipping link  H  Bucket ram guard  Guards for boom mounted lights  THER  Ground level visible hour meter  Large toolbox  Livelink telematics  Wide core radiators  HD slew bearing seal  10mm heavy duty plates for upper and lower structure  Flyscreen (cooling pack + condenser)  Ground lights  H  Guards for work lights		
Attachment case drain  Steelwrist ready  H  DIG END  Grouped greasing  Auto greasing  H  Dippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m)  HD dipper 8'10" (2.7 m), 9'10" (3.0 m)  Lifting hook tipping link  Lifting shackle tipping link  Bucket ram guard  Guards for boom mounted lights  THE  Ground level visible hour meter  Large toolbox  Livelink telematics  Wide core radiators  HD slew bearing seal  10mm heavy duty plates for upper and lower structure  Flyscreen (cooling pack + condenser)  Ground lights  H  Guards for work lights	,	
Steelwrist ready  DIG END  Grouped greasing  Auto greasing  Pippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m)  HD dipper 8'10" (2.7 m), 9'10" (3.0 m)  Lifting hook tipping link  Lifting shackle tipping link  Bucket ram guard  Guards for boom mounted lights  THE  Ground level visible hour meter  Large toolbox  Livelink telematics  Wide core radiators  HD slew bearing seal  10mm heavy duty plates for upper and lower structure  Flyscreen (cooling pack + condenser)  Grouped greasing  +  Condenses  +  HOsards for work lights  +  Condenses  HOsards for work lights	•	
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Grouped greasing  Auto greasing  Dippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m)  + HD dipper 8'10" (2.7 m), 9'10" (3.0 m)  Lifting hook tipping link  Lifting shackle tipping link  Bucket ram guard  Guards for boom mounted lights  THER  Ground level visible hour meter  Large toolbox  Livelink telematics  Wide core radiators  + D slew bearing seal  10mm heavy duty plates for upper and lower structure  Flyscreen (cooling pack + condenser)  Guards for work lights	,	+
Auto greasing + Dippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m) + HD dipper 8'10" (2.7 m), 9'10" (3.0 m) + Lifting hook tipping link + Lifting shackle tipping link + Bucket ram guard + Guards for boom mounted lights + OTHER  Ground level visible hour meter		
Dippers 8'2" (2.5 m), 8'10" (2.7 m), 9'10" (3.0 m) + HD dipper 8'10" (2.7 m), 9'10" (3.0 m) + Lifting hook tipping link + Lifting shackle tipping link + Bucket ram guard + Guards for boom mounted lights + OTHER  Ground level visible hour meter Large toolbox - Livelink telematics + Wide core radiators + HD slew bearing seal 10mm heavy duty plates for upper and lower structure + Flyscreen (cooling pack + condenser) + Guards for work lights + tool with the structure + Guards for work lights + tool with the structure + Guards for work lights + tool with the structure + Guards for work lights + tool with the structure + tool with the struc	·	
HD dipper 8'10" (2.7 m), 9'10" (3.0 m) + Lifting hook tipping link + Lifting shackle tipping link + Bucket ram guard + Guards for boom mounted lights + OTHER  Ground level visible hour meter - Large toolbox - Livelink telematics + Wide core radiators + HD slew bearing seal + 10mm heavy duty plates for upper and lower structure + Flyscreen (cooling pack + condenser) + Guards for work lights + tool tipping link + tool tippin		
Lifting hook tipping link + Lifting shackle tipping link + Bucket ram guard + Guards for boom mounted lights +  OTHER  Ground level visible hour meter - Large toolbox - Livelink telematics + HD slew bearing seal + IOmm heavy duty plates for upper and lower structure + Flyscreen (cooling pack + condenser) + Guards for work lights +		
Lifting shackle tipping link  Bucket ram guard  Guards for boom mounted lights  •  OTHER  Ground level visible hour meter  Large toolbox  Livelink telematics  Wide core radiators  + HD slew bearing seal  10mm heavy duty plates for upper and lower structure  Flyscreen (cooling pack + condenser)  Guards for work lights		
Bucket ram guard + Guards for boom mounted lights +  OTHER  Ground level visible hour meter		
Guards for boom mounted lights +  OTHER  Ground level visible hour meter		
OTHER  Ground level visible hour meter  Large toolbox  Livelink telematics  Wide core radiators  + HD slew bearing seal  10mm heavy duty plates for upper and lower structure + Flyscreen (cooling pack + condenser)  Guards for work lights  +	Lifting shackle tipping link	-
Ground level visible hour meter  Large toolbox  Livelink telematics  Wide core radiators  + HD slew bearing seal  10mm heavy duty plates for upper and lower structure  Flyscreen (cooling pack + condenser)  Guards for work lights	Lifting shackle tipping link Bucket ram guard	+
Large toolbox Livelink telematics  Wide core radiators  + HD slew bearing seal  10mm heavy duty plates for upper and lower structure  Flyscreen (cooling pack + condenser)  Guards for work lights	Lifting shackle tipping link Bucket ram guard Guards for boom mounted lights	+
Livelink telematics  Wide core radiators  + HD slew bearing seal  10mm heavy duty plates for upper and lower structure + Flyscreen (cooling pack + condenser)  Guards for work lights  •  •   Guards for work lights	Lifting shackle tipping link Bucket ram guard Guards for boom mounted lights  OTHER	+
Wide core radiators + HD slew bearing seal + 10mm heavy duty plates for upper and lower structure + Flyscreen (cooling pack + condenser) + Guards for work lights +	Lifting shackle tipping link Bucket ram guard Guards for boom mounted lights  OTHER Ground level visible hour meter	+
HD slew bearing seal + 10mm heavy duty plates for upper and lower structure + Flyscreen (cooling pack + condenser) + Guards for work lights +	Lifting shackle tipping link Bucket ram guard Guards for boom mounted lights  OTHER Ground level visible hour meter Large toolbox	+
10mm heavy duty plates for upper and lower structure + Flyscreen (cooling pack + condenser) + Guards for work lights +	Lifting shackle tipping link Bucket ram guard Guards for boom mounted lights  OTHER Ground level visible hour meter Large toolbox Livelink telematics	+ +
Flyscreen (cooling pack + condenser) + Guards for work lights +	Lifting shackle tipping link Bucket ram guard Guards for boom mounted lights  OTHER Ground level visible hour meter Large toolbox Livelink telematics Wide core radiators	+ +
Guards for work lights +	Lifting shackle tipping link Bucket ram guard Guards for boom mounted lights  OTHER Ground level visible hour meter Large toolbox Livelink telematics Wide core radiators HD slew bearing seal	+ + • • • + +
3	Lifting shackle tipping link Bucket ram guard Guards for boom mounted lights  OTHER Ground level visible hour meter Large toolbox Livelink telematics Wide core radiators HD slew bearing seal 10mm heavy duty plates for upper and lower structure	+ + • • + + +
	Lifting shackle tipping link Bucket ram guard Guards for boom mounted lights  OTHER Ground level visible hour meter Large toolbox Livelink telematics Wide core radiators HD slew bearing seal 10mm heavy duty plates for upper and lower structure Flyscreen (cooling pack + condenser)	+ + + + + + + +
TOPCON / LIECA / TRIMBLE – GPS ready +	Lifting shackle tipping link Bucket ram guard Guards for boom mounted lights  OTHER Ground level visible hour meter Large toolbox Livelink telematics Wide core radiators HD slew bearing seal 10mm heavy duty plates for upper and lower structure Flyscreen (cooling pack + condenser) Guards for work lights	+ + + + + + + +

STANDARD • OPTIONAL +

LIFT CAPACITIES - DIP	PPER LENGTH: 6'10" (2	2.I M), MONOBOOM: 15	'5" (4.7 M), TRACKSHO	ES: 20" (500 MM), NO	BUCKET - I3IX LC MO	NO					I3IX LC MONO
Reach ft-in (m)	9-10	0 (3)	13-1	(4)	16-	5 (5)	19-	3 (6)	(	Capacity at Max. Reac	h
				<u>.</u>		1					
Load point height ft-in (mm)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)
19-8 (6)	-	-	7,077 (3,210)	7,077 (3,210)	6,504 (2,950)	6,504 (2,950)	-	-	6,482 (2,940)	6,482 (2,940)	16-5 (5,001)
14-9 (4.5)	8,554 (3,880)	8,554 (3,880)	7,826 (3,550)	7,826 (3,550)	7,430 (3,370)	7,430 (3,370)	6,371 (2,890)	5,842 (2,650)	5,930 (2,690)	5,798 (2,630)	19-9 (6,027)
9-10 (3)	13,206 (5990)	13,206 (5,990)	10,009 (4,540)	10,009 (4,540)	8,532 (3,870)	7,540 (3,420)	7,760 (3,520)	5,754 (2,610)	5,864 (2,660)	4,982 (2,260)	21-6 (6,562)
4-11 (1.5)	-	-	12,456 (5,650)	9,789 (4,440)	9,899 (4,490)	7,165 (3,250)	8,179 (3,710)	5,556 (2,520)	6,151 (2,790)	4,696 (2,130)	22-1 (6,726)
0	14,088 (6,390)	14,088 (6,390)	13,713 (6,220)	9,414 (4,270)	10,428 (4,730)	6,923 (3,140)	8,025 (3,640)	5,401 (2,450)	6,878 (3,120)	4,806 (2,180)	21-6 (6,547)
-4-11 (- 1.5)	17,725 (8,040)	14,462 (6,560)	13,536 (6,140)	9,326 (4,230)	10,340 (4,690)	6,834 (3,100)	-	-	8,025 (3,640)	5,401 (2,450)	19-8 (5,994)
-9-10 (- 3)	14,969 (6,790)	14,749 (6,690)	11,596 (5,260)	9,50 2(4,310)	-	-	-	-	8,730 (3,960)	7,143 (3,240)	16-3 (4,941)

LIFT CAPACITIES - DIP	LIFT CAPACITIES - DIPPER LENGTH: 8'2" (2.5 M), MONOBOOM: 15'5" (4.7 M), TRACKSHOES: 20" (500 MM), NO BUCKET - 13IX LC MONO														
Reach ft-in (m)	9-10	0 (3)	13-1	(4)	16-	5 (5)	19-8	8 (6)		Capacity at Max. Reac	h				
		<u>1</u>				<u> </u>		<u>1</u>		<u>1</u>					
Load point height ft-in (mm)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)				
19-8 (6)	-	-	6,129 (2780)	6,129 (2,780)	6,548 (2,970)	6,548 (2,970)	-	-	5,181 (2,350)	5,181 (2,350)	18-0 (5,491)				
14-9 (4.5)	-	-	6,967 (3,160)	6,967 (3,160)	6,768 (3,070)	6,768 (3,070)	6,768 (3,070)	5,930 (2,690)	4,806 (2,180)	4,806 (2180)	21-1 (6,438)				
9-10 (3)	11,640 (5,280)	11,640 (5,280)	9,171 (4,160)	9,171 (4,160)	7,959 (3,610)	7,606 (3,450)	7,297 (3,310)	5,776 (2,620)	4,762 (2,160)	4,586 (2,080)	22-9 (6,942)				
4-11 (1.5)	16,689 (7,570)	15,080 (6,840)	11,794 (5,350)	9,899 (4,490)	9,436 (4,280)	7,209 (3,270)	8,135 (3,690)	5,556 (2,520)	5,004 (2,270)	4,343 (1,970)	23-3 (7,096)				
0	15,631 (7,090)	14,418 (6,540)	13,448 (6,100)	9,414 (4,270)	10,428 (4,730)	6,900 (3,130)	8,003 (3,630)	5,379 (2,440)	5,556 (2,520)	4,409 (2,000)	22-9 (6,927)				
-4-11 (- 1.5)	18,188 (8,250)	143,30 (6,500)	13,669 (6,200)	9,259 (4,200)	10,274 (4,660)	6,768 (3,070)	7,915 (3,590)	5,313 (2,410)	6,680 (3,030)	4,872 (2,210)	21-0 (6,407)				
-9-10 (- 3)	16,028 (7,270)	14,551 (6,600)	12,302 (5,580)	9,370 (4,250)	9,546 (4,330)	6,878 (3,120)	-	-	8,333 (3,780)	6,173 (2,800)	17-10 (5,436)				

LIFT CAPACITIES - DIP	LIFT CAPACITIES - DIPPER LENGTH: 8'10" (2.7 M), MONOBOOM: 15'5" (4.7 M), TRACKSHOES: 20" (500 MM), NO BUCKET - 13IX LC MONO													
Reach ft-in (m)	9-10	0 (3)	13-1	(4)	16-5	5 (5)	19-8	8 (6)	(	Capacity at Max. Reac	h			
						<u>                                     </u>		<u>1</u>						
Load point height ft-in (mm)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)			
19-8 (6)	-	-	5,666 (2,570)	5,666 (2570)	6,129 (2,780)	6,129 (2,780)	-	-	5,445 (2,470)	5,445 (2,470)	18-0 (5,491)			
14-9 (4.5)	-	-	6,526 (2,960)	6,526 (2960)	6,437 (2,920)	6,437 (2,920)	6,592 (2,990)	5,975 (2,710)	5,071 (2,300)	5,027 (2,280)	21-1 (6,438)			
9-10 (3)	10,825 (4,910)	10,825 (4,910)	8,708 (3,950)	8,708 (3950)	7,650 (3,470)	7,628 (3,460)	7,033 (3,190)	5,798 (2,630)	5,049 (2,290)	4,387 (1,990)	22-9 (6,942)			
4-11 (1.5)	15,984 (7,250)	15,146 (6,870)	11,398 (5,170)	9,921 (4500)	9,171 (4,160)	7,209 (3,270)	7,937 (3,600)	5,556 (2,520)	5,313 (2,410)	4,167 (1,890)	23-3 (7,096)			
0	16,072 (7,290)	14,352 (6,510)	13,206 (5,990)	9,370 (4250)	10,362 (4,700)	6,878 (3,120)	7,959 (3,610)	5,335 (2,420)	5,864 (2,660)	4,211 (1,910)	22-9 (6,927)			
-4-11 (- 1.5)	18,276 (8,290)	14,198 (6,440)	13,625 (6,180)	9,171 (4160)	10,229 (4,640)	6,724 (3,050)	7,871 (3,570)	5,247 (2,380)	6,900 (3,130)	4,630 (2,100)	21-0 (6,407)			
-9-10 (- 3)	16,380 (7,430)	14,396 (6,530)	12,522 (5,680)	9,259 (4200)	9,811 (4,450)	6,768 (3,070)	-	-	8,113 (3,680)	5,776 (2,620)	17-10 (5,436)			



Lift capacity front and rear.

Notes:
1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked\* are based on hydraulic capacity.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.

Lift capacity full circle.

LIFT CAPACITIES - DIP	LIFT CAPACITIES - DIPPER LENGTH: 9'10" (3.0 M), MONOBOOM: 15'5" (4.7 M), TRACKSHOES: 20" (500 MM), NO BUCKET - 13IX LC MONO													
Reach ft-in (m)	9-10	0 (3)	13-	(4)	16-5	16-5 (5)		19-8 (6)		Capacity at Max. Reach				
				4		1		1		1				
Load point height ft-in (mm)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)			
19-8 (6)	-	-	-	-	5,556 (2,520)	5,556 (2,520)	5,269 (2,390)	5,269 (2,390)	47,62 (2,160)	4,762 (2,160)	19-11 (6,072)			
14-9 (4.5)	-	-	5,864 (2,660)	5,864 (2,660)	5,930 (2,690)	5,930 (2,690)	5,997 (2,720)	5,997 (2,720)	4,475 (2,030)	4,475 (2,030)	22-9 (6,940)			
9-10 (3)	9,656 (4,380)	9,656 (4,380)	8,047 (3,650)	8,047 (3,650)	7,187 (3,260)	7,187 (3,260)	6,680 (3,030)	5,820 (2,640)	4,453 (2,020)	4,145(1,880)	24-4 (7,409)			
4-11 (1.5)	14,991 (6,800)	14,991 (6,800)	10,825 (4,910)	10,009 (4,540)	8,796 (3,990)	7,253 (3,290)	7,628 (3,460)	5,556 (2,520)	4,674 (2,120)	3,924 (1,780)	24-9 (7,554)			
0	17,218 (7,810)	14,374 (6,520)	12,875 (5,840)	9,392 (4,260)	10,119 (4,590)	6,878 (3,120)	7,959 (3,610)	5,335 (2,420)	5,137 (2,330)	3,968 (1,800)	24-3 (7,395)			
-4-11 (- 1.5)	18,365 (8,330)	14,110 (6,400)	13,580 (6,160)	9,127 (4,140)	10,185 (4,620)	6,680 (3,030)	7,826 (3,550)	5,203 (2,360)	6,063 (2,750)	4,321 (1,960)	22-8 (6,911)			
-9-10 (- 3)	16,909 (7,670)	14,242 (6,460)	12,831 (5,820)	9,149 (4,150)	10,09 7(4,580)	6,680 (3,030)	7,826 (3,550)	5,269 (2,390)	7,782 (3,530)	5,247 (2,380)	19-9 (6,023)			

LIFT CAPACITIES - DIP	LIFT CAPACITIES - DIPPER LENGTH: 6'10" (2.1 M), MONOBOOM: 15'5" (4.7 M), TRACKSHOES: 20" (500 MM), NO BUCKET - 131X LCD MONO														
Reach ft-in (m)	9-10	0 (3)	13-	(4)	16-5	5 (5)	19-8	3 (6)	(	Capacity at Max. Reacl	ı				
						<u>1</u>		<u>1</u>							
Load point height ft-in (mm)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)				
19-8 (6)	-	-	7,077 (3,210)	7,077 (3,210)	65,04 (2,950)	6,504 (2,950)	-	-	6,482 (2,940)	6,482 (2,940)	16-5 (5,001)				
14-9 (4.5)	8,554 (3,880)	8,554 (3,880)	7,826 (3,550)	7,826 (3,550)	7,430 (3,370)	7,430 (,3370)	6,371 (2,890)	6,129 (2,780)	5,930 (2,690)	5,930 (2,690)	19-9 (6,027)				
9-10 (3)	13,206 (5,990)	13,206 (5,990)	10,009 (4,540)	10,009 (4,540)	8,532 (3,870)	7,893 (3,580)	7,760 (3,520)	6,019 (2,730)	5,864 (2,660)	5,247 (2,380)	21-6 (6,562)				
4-11 (1.5)	-	-	12,456 (5,650)	10,251 (4,650)	9,899 (4,490)	7,518 (3,410)	8,488 (3,850)	5,820 (2,640)	6,151 (2,790)	4,938 (2,240)	22-1 (6,726)				
0	14,088 (6,390)	14,088 (6,390)	13,713 (6,220)	9,877 (4,480)	1,078 1(4,890)	7,253 (3,290)	8,466 (3,840)	5,688 (2,580)	6,878 (3,120)	5,049 (2,290)	21-6 (6,547)				
-4-11 (- 1.5)	17,725 (8,040)	15,168( 6,880)	13,536 (6,140)	9,789 (4,440)	1,0737 (4,870)	7,187 (3,260)	-	-	8,422 (3,820)	5,688 (2,580)	19-8 (5,994)				
-9-10 (- 3)	14,969 (6,790)	1,4969 (6790)	11,596 (5,260)	9,965 (4,520)	-	-	-	-	8,730 (3,960)	7,496 (3,400)	16-3 (4,941)				

LIFT CAPACITIES - DIP	LIFT CAPACITIES - DIPPER LENGTH: 8'2" (2.5 M), MONOBOOM: 15'5" (4.7 M), TRACKSHOES: 20" (500 MM), NO BUCKET - 13IX LCD MONO														
Reach ft-in (m)	9-10	0 (3)	13-1	(4)	16-5	5 (5)	19-8	8 (6)		Capacity at Max. Reac	h				
Load point height ft-in (mm)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)				
19-8 (6)	-	-	6,129 (2,780)	6,129 (2,780)	6,548 (2,970)	6,548 (2,970)	0 (0)	0 (0)	5,181 (2,350)	5,181 (2,350)	12,106 (5,491)				
14-9 (4.5)	-	-	6,967 (3,160)	6,967 (3,160)	6,768 (3,070)	6,768 (3,070)	6,768 (3,070)	6,217 (2,820)	4,806 (2,180)	4,806 (2,180)	14,193 (6,438)				
9-10 (3)	11,640 (5,280)	11,640 (5,280)	9,171 (4,160)	9,171 (4,160)	7,959 (3,610)	7,959 (3,610)	7,297 (3,310)	6,063 (2,750)	4,762 (2,160)	4,762 (2,160)	15,304 (6,942)				
4-11 (1.5)	166,89 (7,570)	15,785 (7,160)	11,795 (5,350)	10,362 (4,700)	9,436 (4,280)	7,562 (3,430)	8,135 (3,690)	5,842 (2,650)	5,004 (2,270)	4,564 (2,070)	15,644 (7,096)				
0	15,631 (7,090)	15,124 (6,860)	13,448 (6,100)	9,877 (4,480)	10,560 (4,790)	7,253 (3,290)	8,444 (3,830)	5,644 (2,560)	5,556 (2,520)	4,630 (2,100)	15,271 (6,927)				
-4-11 (- 1.5)	18,188 (8,250)	15,036 (6,820)	13,669 (6,200)	9,722 (4,410)	10,803 (4,900)	7,121 (3,230)	8,378 (3,800)	5,578 (2,530)	6,680 (3,030)	5,137 (2,330)	14,125 (6,407)				
-9-10 (- 3)	16,028 (7,270)	15,256 (6,920)	12,302 (5,580)	9,833 (4,460)	9,546 (4,330)	7,209 (3,270)	0 (0)	0 (0)	8,333 (3,780)	6,482 (2,940)	119,84 (5,436)				



Lift capacity front and rear.

Notes:
1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked\* are based on hydraulic capacity.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.

LIFT CAPACITIES - DIP	LIFT CAPACITIES - DIPPER LENGTH: 8'10" (2.7 M), MONOBOOM: 15'5" (4.7 M), TRACKSHOES: 20" (500 MM), NO BUCKET - 13IX LCD MONO													
Reach ft-in (m)	9-10	0 (3)	13-1	(4)	16-5	5 (5)	19-8	3 (6)	(	Capacity at Max. Reacl	ı			
				-		1		1		1				
Load point height ft-in (mm)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)			
19-8 (6)	-	-	5,666 (2,570)	5,666 (2,570)	6,129 (2,780)	6,129 (2,780)	-	-	5,445 (2,470)	5,445 (2,470)	18-9 (5,721)			
14-9 (4.5)	-	-	6,526 (2,960)	6,526 (2,960)	6,437 (2,920)	6,437 (2,920)	6,437 (2,920)	6,239 (2,830)	5,071 (2,300)	5,071 (2,300)	21-9 (6,635)			
9-10 (3)	10,825 (4,910)	10,825 (4,910)	8,708 (3,950)	8,708 (3,950)	7,650 (3,470)	7,650 (3,470)	7,033 (3,190)	6,063 (2,750)	5,049 (2,290)	4,630 (2,100)	23-4 (7,124)			
4-11 (1.5)	15,984 (7,250)	15,851 (7,190)	11,398 (5,170)	10,384 (4,710)	9,171 (4,160)	7,562 (3,430)	7,937 (3,600)	5,820 (2,640)	5,313 (2,410)	4,387 (1,990)	23-10 (7,275)			
0	16,072 (7,290)	15,058 (6,830)	13,206 (5,990)	9,833 (4,460)	10,362(4,700)	7,209 (3,270)	8,400 (3,810)	5,622 (2,550)	5,864 (2,660)	4,453 (2,020)	23-4 (7,110)			
-4-11 (- 1.5)	18,276 (8,290)	14,903 (6,760)	13,625 (6,180)	9,634 (4,370)	10,759 (4,880)	7,055 (3,200)	7,430 (3,370)	5,534 (2,510)	6,989 (3,170)	4,894 (2,220)	21-8 (6,605)			
-9-10 (- 3)	16,380 (7,430)	15,102 (6,850)	12,522 (5,680)	9,722 (4,410)	9,811 (4,450)	7,121 (3,230)	-	-	8,113 (3,680)	6,063 (2,750)	18-7 (5,668)			

LIFT CAPACITIES - DIP	LIFT CAPACITIES - DIPPER LENGTH: 9'10" (3.0 M), MONOBOOM: 15'5" (4.7 M), TRACKSHOES: 20" (500 MM), NO BUCKET - 13IX LCD MONO													
Reach ft-in (m)	9-10	0 (3)	13-1	(4)	16-	16-5 (5) 19-8 (6) Capacity at Max.		Capacity at Max. Reac	h					
				<u>[]</u>		<u>1</u>		<u>1</u>						
Load point height ft-in (mm)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)			
19-8 (6)	-	-	-	-	5,556 (2.520)	5,556 (2,520)	5,269 (2,390)	5,269 (2,390)	4,762 (2,160)	4.762 (2160)	19-11 (6,072)			
14-9 (4.5)	-	-	5,864 (2.660)	5,864 (2.660)	5,930 (2.690)	5,930 (2,690)	5,997 (2,720)	5,997 (2,720)	4,475 (2,030)	4.475 (2030)	22-9 (6,940)			
9-10 (3)	9,656 (4.380)	9,656 (4.380)	8,047 (3.650)	8,047 (3.650)	7,187 (3.260)	7,187 (3,260)	6,680 (3,030)	6,107 (2,770)	4,453 (2,020)	4,343 (1970)	24-4 (7,409)			
4-11 (1.5)	14,991 (6.800)	14,991 (6.800)	10,825 (4.910)	10,472 (4.750)	8,796 (3.990)	7,584 (3,440)	7,628 (3,460)	5,842 (2,650)	4,674 (2,120)	4,123 (1870)	24-9 (7,554)			
0	17,218 (7.810)	15,080 (6.840)	12,875 (5.840)	9,855 (4.470)	10,119 (4,590)	7,209 (3,270)	8,400 (3,810)	5,600 (2,540)	5,137 (2,330)	4,167 (1890)	24-3 (7,395)			
-4-11 (- 1.5)	18,365 (8.330)	14,815 (6.720)	13,580 (6.160)	9,590 (4.350)	10,692 (4,850)	7,011 (3180)	8,267 (37,50)	5,490 (2,490)	6,063 (2,750)	4,542 (2060)	22-8 (6,911)			
-9-10 (- 3)	16,909 (7.670)	14,947 (6.780)	12,831 (5.820)	9,612 (4.360)	10,097 (4,580)	7,033 (3,190)	7,826 (3,550)	5,556 (2,520)	7,782 (3,530)	5,534 (2510)	19-9 (6,023)			



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