



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.



Header 1

List View

General Information

Contact

Default Values

Discount

Document Information

Procurement Folder: 566300

Procurement Type: Central Master Agreement

Vendor ID: 000000207254



Legal Name: NEWLONS INTL SALES LLC

Alias/DBA:

Total Bid: \$0.00

Response Date: 06/18/2019



Response Time: 13:11

SO Doc Code: CRFQ

SO Dept: 0803

SO Doc ID: DOT1900000115

Published Date: 6/4/19

Close Date: 6/18/19

Close Time: 13:30

Status: Closed

Solicitation Description: ADDENDUM 1 HYDRAULIC TRACK
EXCAVATOR (7019EC1)

Total of Header Attachments: 1

Total of All Attachments: 1



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Solicitation Response

Proc Folder : 566300

Solicitation Description : ADDENDUM 1 HYDRAULIC TRACK EXCAVATOR (7019EC11)

Proc Type : Central Master Agreement

Date issued	Solicitation Closes	Solicitation Response	Version
	2019-06-18 13:30:00	SR 0803 ESR06181900000005882	1

VENDOR

000000207254

NEWLONS INTL SALES LLC

Solicitation Number: CRFQ 0803 DOT1900000115

Total Bid : \$0.00 Response Date: 2019-06-18 Response Time: 13:11:05

Comments:

FOR INFORMATION CONTACT THE BUYER

Crystal G Hustead
(304) 558-2402
crystal.g.hustead@wv.gov

Signature on File

FEIN #

DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	HYDRAULIC TRACK EXCAVATOR	20.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
22101526			

Extended Description :	HYDRAULIC TRACK EXCAVATOR



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Request for Quotation
13 – Equipment

Proc Folder: 566300

Doc Description: ADDENDUM 1 HYDRAULIC TRACK EXCAVATOR (7019EC11)

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2019-06-04	2019-06-18 13:30:00	CRFQ 0803 DOT1900000115	2

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Name, Address and Telephone Number:

Newlons International Sales, LLC
PO Box 1334 / 16 Ward Rd
Elkins, WV 26241
304-636-4561

FOR INFORMATION CONTACT THE BUYER

Crystal G Hustead
(304) 558-2402
crystal.g.hustead@wv.gov

Signature X *Beau Newlon*

FEIN # 55-0704897

DATE 6/18/19

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

THE STATE OF WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, WEST VIRGINIA DIVISION OF HIGHWAYS, IS SOLICITING BIDS TO ESTABLISH AN OPEN-END CONTRACT FOR A HYDRAULIC TRACK EXCAVATOR PER THE ATTACHED DOCUMENTS.

INVOICE TO	SHIP TO
DIVISION OF HIGHWAYS EQUIPMENT DIVISION RT 33 83 BRUSHY ROAD CROSSING, PO BOX 610 BUCKHANNON WV26201 US	DIVISION OF HIGHWAYS EQUIPMENT DIVISION 83 BRUSHY FORK RD CROSSING BUCKHANNON WV 26201 US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	HYDRAULIC TRACK EXCAVATOR	20.00000	EA		

Comm Code	Manufacturer	Specification	Model #
22101526	LiuGong	Excavator	915E

Extended Description :

HYDRAULIC TRACK EXCAVATOR

SCHEDULE OF EVENTS


Line	Event	Event Date
1	MANDATORY PRE-BID MEETING	2019-05-29
2	VENDOR QUESTION DEADLINE	2019-06-03

DOT1900000115	Document Phase Final	Document Description ADDENDUM 1 HYDRAULIC TRACK EXCAVATOR (7019EC11)	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

Exhibit A**CRFQ DOT1900000115****HYDRAULIC TRACK EXCAVATOR**

Item No.	Description:	Make/Model & Year	Estimated Unit Quantity	Unit Price	Item Total Cost
1	One Complete unit: Hydraulic Track Excavator	2020 LiuGong 915E	20	\$153,313.00	\$3,066,260.00
Total Bid Cost 					\$3,066,260.00

Vendor Information

Company Name: Newlons International Sales, LLC

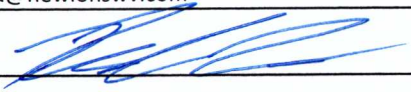
Contract Manager: Beau Newlon

Address: PO Box 1334 / 16 Ward Rd Elkins, WV 26241

Phone: 304-636-4561

Fax: 304-636-7155

Email: beau@newlonswv.com

Signature: 

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Beau Newlon Manager
(Name, Title)
Beau Newlon (Manager)
(Printed Name and Title)
PO Box 1334 / 16 Ward Rd Elkins, WV 26241
(Address)
304-636-4561 / 304-636-7155
(Phone Number) / (Fax Number)
beau@newlonswv.com
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Newlons International Sales, LLC
(Company)
Beau Newlon Beau Newlon, Manager
(Authorized Signature) (Representative Name, Title)
Beau Newlon, Manager
(Printed Name and Title of Authorized Representative)
6/18/19
(Date)
304-636-4561 / 304-636-7155
(Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DOT1900000115

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Newlons International Sales, LLC

Company

Beau Newlon

Authorized Signature

6/18/19

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

REQUEST FOR QUOTATION
CRFQ DOT1900000115
(WVDOH CLASS 310) HYDRAULIC TRACK EXCAVATOR-7019EC11

8. MISCELLANEOUS:

8.1 No Substitutions: Vendor shall supply only Contract Items submitted in response to RFQ unless a contract modification is approved in accordance with the provisions contained in this contract.

8.2 Reports: Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.

8.3 Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Beau Newlon
Telephone Number: 304-614-0469
Fax Number: 304-636-7155
Email Address: beau@newlonswv.com

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Newlons International Sales LLC

Authorized Signature: [Signature] Date: 6-18-19

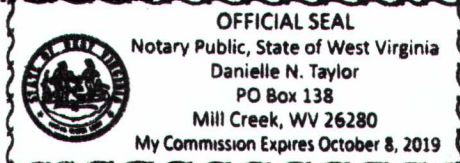
State of West Virginia

County of Randolph, to-wit:

Taken, subscribed, and sworn to before me this 18th day of June, 2019.

My Commission expires October 8, 2019.

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 01/19/2018)

915E

EXCAVATOR

Engine

Cummins QSB4.5 Tier 4 Final

Gross Power

121 hp (90 kW)

Operating Weight

35,935 lb (16,300 kg)

Bucket Capacity

0.47 yd³ (0.36 m³)

 **LIUGONG**

TOUGH WORLD. TOUGH EQUIPMENT.

UNBEATABLE RETURN ON YOUR INVESTMENT

LiuGong's **customer-driven** design and **quality-focused** engineering creates lasting value that will deliver to your bottom line.

DEPENDABLE POWER

Unmatched performance driven by the Cummins QSB4.5 Tier 4 Final Engine.

IPC (INTELLIGENT POWER CONTROL)

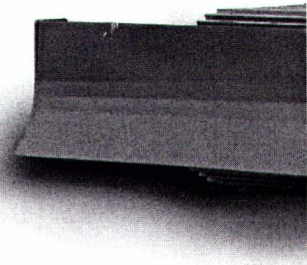
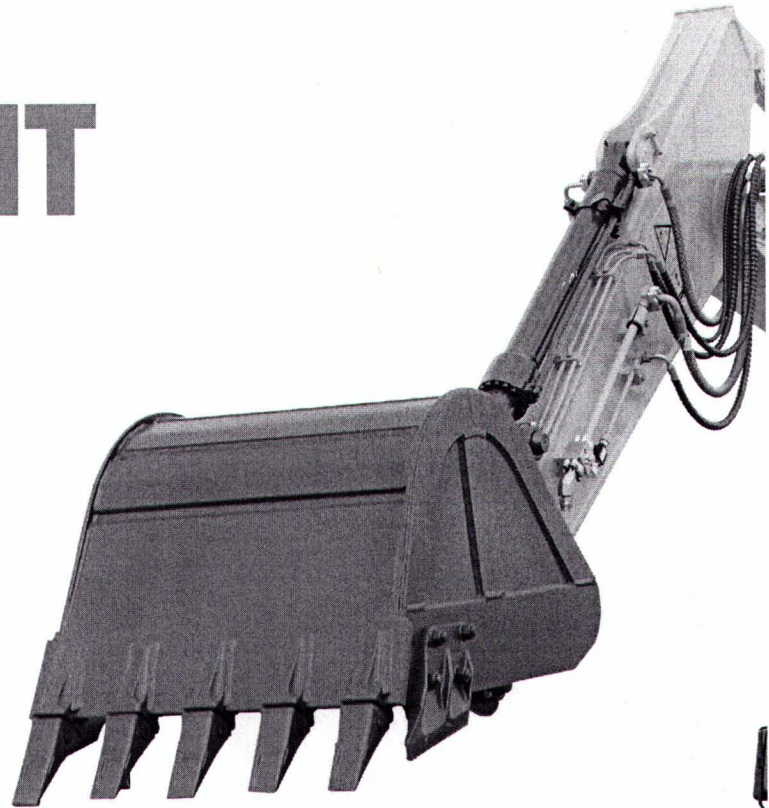
IPC ensures the mechanical, electrical, and hydraulic systems work in perfect harmony for efficient precise control. Maximizing torque outlet with more power and breakout force.

AUTO-IDLE SPEED FUNCTION

Hydraulic signals detect activity, decreasing, and increasing engine speed as required. Power is supplied only as needed, achieving optimum fuel efficiency.

VERSATILITY

Options for auxiliary hydraulic piping include bi-directional variable high flow lines, an additional line for rotating attachments and a single acting line. The quick coupler further ensures you get the most out of your machine by easily switching between a wide range of attachments to suit your needs.



BOOM AND ARM

Boom and arm structures are designed for long-term durability and resistance to bending and torsional stress. Large cross-sectional areas incorporate one-piece steel castings to provide improved strength and standard rock guard plates and vertical guards further protect the arm in rocky conditions.

UNDERCARRIAGE

Outstanding stability and durability come from an X-type reinforced frame and the long track beam and crawler system.

REAR VIEW CAMERA

Like an extra eye outside the machine, the standard rear view camera sends images to the in-cab color LCD monitor, creating a safer working environment as you concentrate on the work at hand.

PARTS

Using genuine LiuGong parts is key to keeping your costs low and your machine in top working order. Our extensive support network is always there when you need it, to maximize your business profitability.

AFTER SALES SERVICE

As a customer of LiuGong you can feel confident that our dealers and regional offices will be there to support you with training, service and maintenance needed throughout the life of your machine.

DESIGNED TO GET MORE DONE

The 915E is designed to **get more done** in less time. Featuring a stronger boom, arm and bucket breakout force, greater hydraulic flow, higher swing speeds and improved cycle times, this excavator will power **through any task** in any terrain.

POWERFUL PERFORMANCE

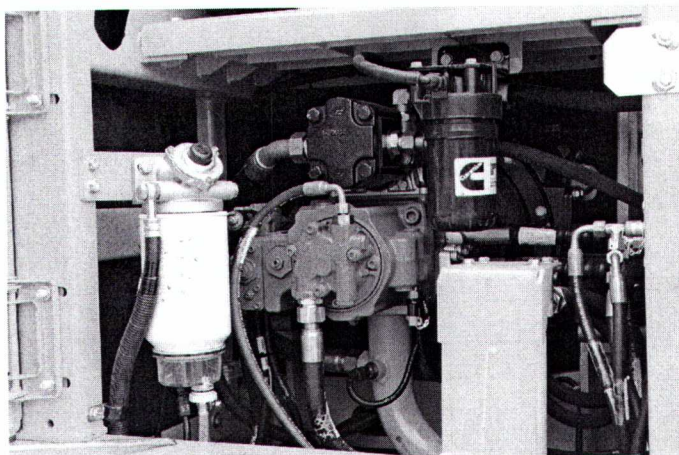
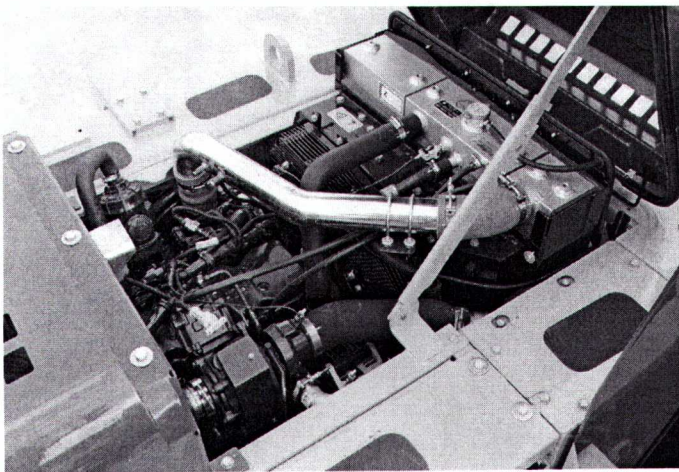
The Cummins QSB4.5 engine produces gross power of 90 kW (121 hp) and torque of 470 N-m (347 lb-ft). LiuGong has harnessed this power for six working modes to the job at hand and even the least experienced of operators will find they can work faster and complete more in less time.

OPTIMIZED HYDRAULICS

Where intelligence meets brute force. Load-sensing hydraulics direct the engine's power to ensure hydraulic pump flow continually adjusts for smooth, quick, and efficient operation.

OPERATOR FRIENDLY ENVIRONMENT

Ergonomically designed controls, clear and informative displays, increased visibility, and exceptional comfort increases operator efficiency and safety.



EFFICIENCY, PRECISION & VERSATILITY

LiuGong E-Series excavators deliver the **perfect balance** of performance, precision, and quality. The 915E model is powered by the latest generation, low emissions Cummins QSB4.5 engine, with enhanced power output, **improved breakout force** and faster cycle times.

A POWERFUL ENGINE

Cummins QSB4.5 engine meets strict US EPA Tier 4 Final emissions standards. Delivering the greatest possible fuel economy without compromising on power.

Cummins designed integration system:

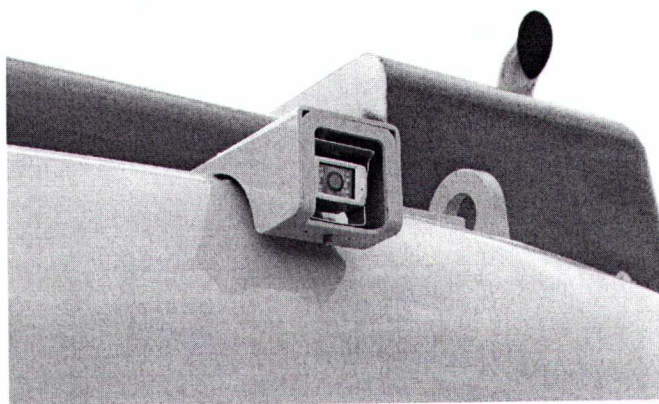
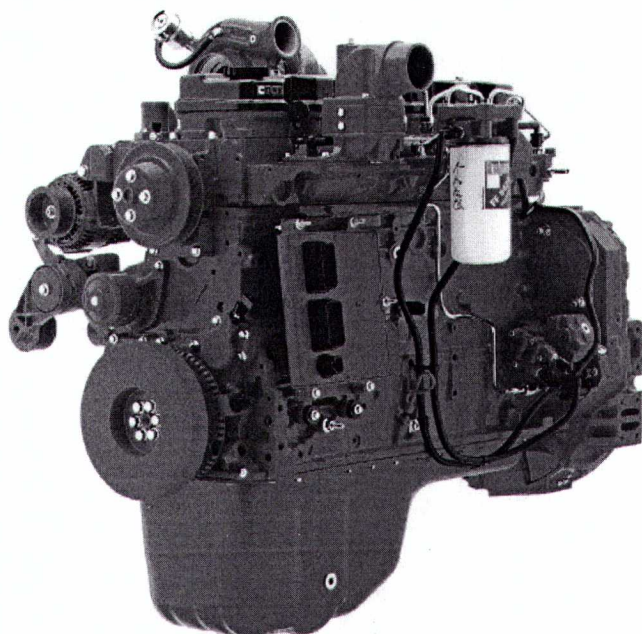
- Combustion technology
- Cummins Aftertreatment system
- EGR (Exhaust Gas Recirculation)
- VGT (Variable Geometry Turbocharger) improves boost across all engine speeds
- Cummins Tier 4 Final SCR (Selective Catalytic Reduction) technology increases engine performance, improves fuel economy while reducing exhaust emissions to US EPA Stringent Tier 4 Final standards.

SAFETY STANDARDS

All LiuGong E-Series excavators come with certified ROPS (Rollover Protective System) cabs meeting ISO safety standards. LiuGong offers FOPS (Falling Object Protective Structure) as an option on all E-Series excavators.

ALL AROUND VISION FEATURES

LiuGong's E-Series cabs have seven percent larger glass surface area compared to our D-Series cab. Combined with standard rear view camera gives the operator a panoramic view. Combined with optional LED work lights provides clearer line of sight on jobsites.



ALL AROUND COMFORT

In the 915E cab, you're working in complete **comfort** with outstanding **visibility** all around. We understand how operators like to work and have designed the cab for **maximum comfort** and ultimate productivity.

AT HOME IN THE CAB

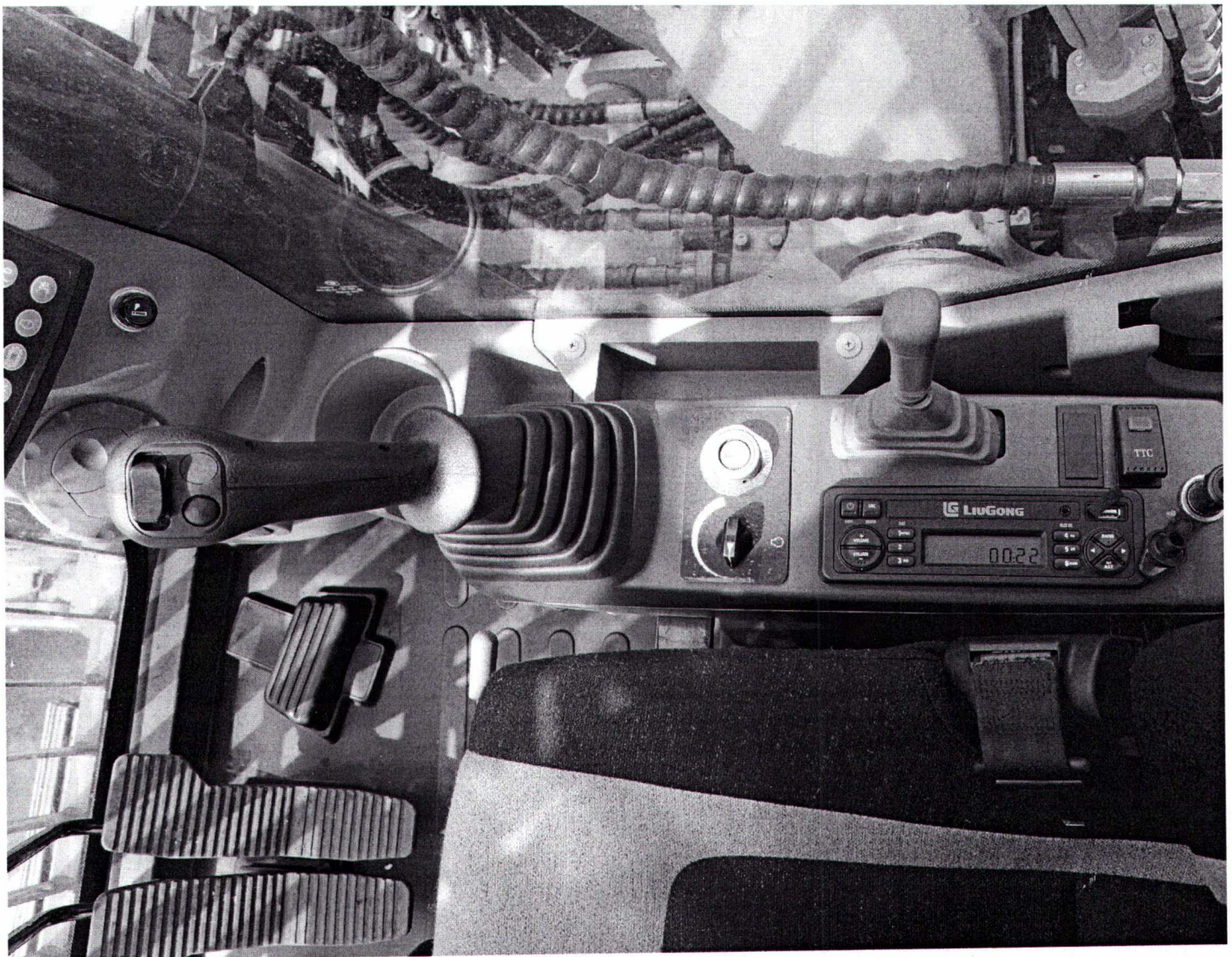
The E-Series cab is ROPS ISO 12117-2 certified mounted on dampener silicone to absorb noise and vibration. Wide spacious cab door swings full open to lock position. Front windshield slides up into ceiling, removable lower window, large roof skylight with sun screen.

ADVANCED CLIMATE CONTROL

Pressurized cab, advanced climate control, air is circulating through cab by ten outlets to improve air circulation and front windshield defrost allow year round operator comfort in any environment.

ADJUSTABLE SEAT AND JOYSTICK CONSOLE

The adjustable seat and joystick console move independently to accommodate the operator. Increased spacing between the armrest and nine different seat adjustments allow the operator more options to all foot and hand controls to maximum comfort.



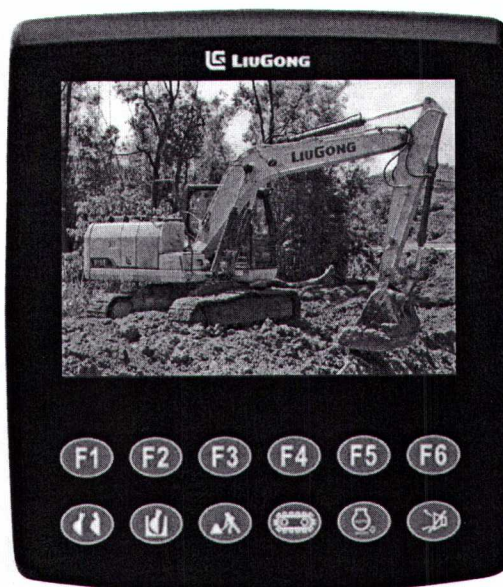
MONITORING & SERVICING MADE EASY

LiuGong's new display interface can bring to the operator's attention **more features** than ever before.



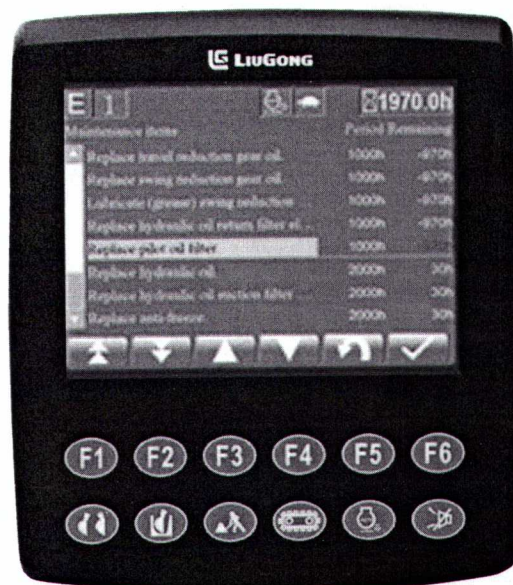
ON BOARD MONITORING

LiuGong's new on board monitoring LCD display interface with audible sound alerts the operator to low fluid levels, high level machine warnings, and when maintenance service is needed. When fuel level is low, or DEF (Diesel Exhaust Fluid) is low, a text warning will appear where date and time is located on monitor. In addition, an audible buzz will sound to alert the operator to what action is needed. If this is a low-level fault, the buzz sound can be cancelled.



TRAVEL CAMERA STANDARD

When traveling in forward or reverse the display changes to a camera monitor. A camera mounted on rear of counterweight gives the operator an excellent view of what is behind the counterweight. This function can be accessed anytime by pressing the F3 switch.



MAINTENANCE MENU INTERFACE OPERATION

With easy access to the maintenance menu through our monitor, the operator can confirm which items should be checked 8 hours, 50 hours, and 100 hours up to 2000 hours.

Here you can easily track the various maintenance parameters of your machine to confirm your excavator is receiving the proper care which will extend the life of your machine.

ALWAYS STRONG ALWAYS RELIABLE

The use of thick, high-tensile steel components, internal baffling, and stress-relieved plates, make the structures on LiuGong E-Series excavators **tough and durable**.

We guarantee the **quality and reliability** of our machines throughout the manufacturing process by conducting stringent tests and ultrasound inspections that detect defects well before they make it into production.



BOOM & ARM

The boom and arm structures are designed with large cross-sectional supports and incorporates one-piece steel castings. Standard rock-guard plates and vertical guards protect the arm in rocky digging conditions and tough environments.

UPPER STRUCTURE

The upper structure is strongly reinforced by the use of an H-beam in the high cross section of the main structure providing even weight distribution and increasing stability.

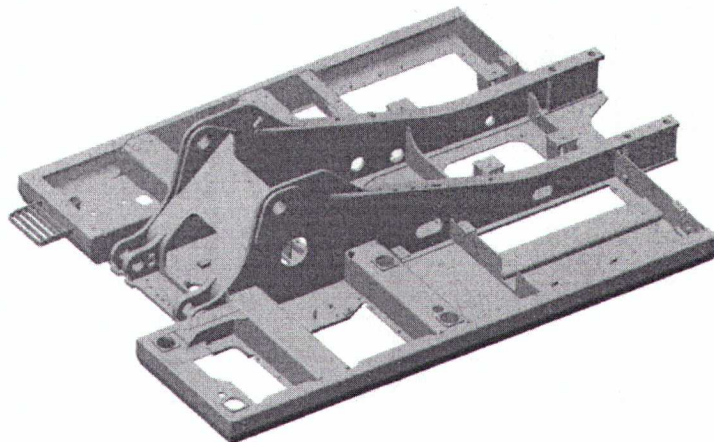
The platform's collision protection system has been welded into place to improve its strength, rigidity and overall service life.



UNDERCARRIAGE

The high-strength undercarriage of the 915E incorporates a welded X-frame construction for long life durability and is designed to perform in the most challenging applications.

A long track beam and crawler system provides greater stability when using attachments for digging and truck loading. The result is outstanding strength and durability.





PART OF YOUR PERFORMANCE

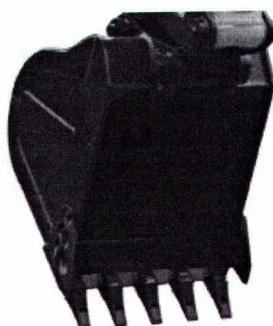
LiuGong engineering sets high standards and all parts are rigorously tested to ensure they can meet the rigid quality specifications required for long lasting performance. No matter where you are in **North America**, we can ensure fast and efficient parts support to keep you going.



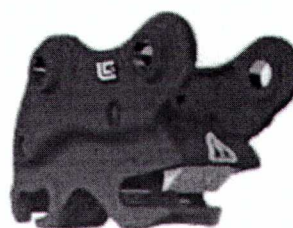
We know that confidence in your machine and those who support it is essential. At LiuGong North America we make sure we can always get what you need without delay, via our global parts depot, and the support of our local dealer network.

READY FOR ANY JOB

LiuGong provides a range of purpose designed attachments, hitches and tools for your 915E to give you increased versatility for any jobsite. In-cab dial-in hydraulic flow settings through the display screen optimizes the attachment performance.



BUCKETS



QUICK COUPLER



HAMMER

SPECIFICATIONS

ENGINE

Description

Cummins Tier 4 Final 4.5 liter 4-cylinder Variable-Geometry Turbocharger (VGT) Air Cleaner: Cummins direct flow air filter.

Emissions rating	EPA Tier 4 Final / Stage IV
Make	Cummins
Model	QSB4.5
Aspiration	Variable-Geometry Turbocharger
Charged air cooling	Aftercooler
Cooling fan drive	Viscous clutch
Displacement	4.5 L (275 in ³)
Gross power	90 kW (121 hp) @ 2,200 rpm
Net power	84.3 kW (113 hp) @ 2,200 rpm
Peak torque	470 N-m (347 lb-ft) @ 1,500 rpm
Number of cylinders	4
Bore x Stroke	107 x 124 mm (4.2 x 4.9 in)

HYDRAULIC SYSTEM

Main pump

Type	Two variable displacement piston pumps
Maximum flow	2 x 120 L/min (31.7 gal/min)

Pilot pump

Type	Gear pump
Maximum flow	19 L/min (5 gal/min)

Relief valve setting

Implement	34.3/37.3 MPa (4,975 / 5,410 psi)
Travel circuit	34.3 MPa (4,975 psi)
Slew circuit	25.5 MPa (3,698 psi)
Pilot circuit	3.9 MPa (566 psi)

Hydraulic cylinders

Boom Cylinder	105 mm x 1,500 mm (4.1 in x 4 ft 11 in)
Arm Cylinder	115 mm x 1,695 mm (4.5 in x 5 ft 7 in)
Bucket Cylinder	95 mm x 1,378 mm (3.7 in x 4 ft 6 in)

SERVICE CAPACITIES

Fuel tank	245 L (65 gal)
Engine oil	11 L (2.9 gal)
Final drive (each)	2.5 L (0.66 gal)
Swing drive	3 L (0.79 gal)
Cooling system	21 L (5.5 gal)
Hydraulic reservoir	160 L (42.3 gal)
Hydraulic system total	240 L (63.4 gal)
DEF tank	16.9 L (4.5 gal)

UNDERCARRIAGE

Track shoe each side	46
Link pitch	190 mm (7.5 in)
Shoe width, triple grouser	600 mm (24.0 in)
Bottom rollers each side	7
Top rollers each side	1

SWING SYSTEM

Description

Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.

Swing speed	12.9 rpm
Swing torque	80,800 N-m (59,595 lb-ft)

DRIVE AND BRAKES

Description

2-speed axial piston motors with oil disk brakes. Steering controlled by two detachable hand levers with pedals.

Max. travel speed	High: 6.0 km/h (3.7 mph) Low: 3.5 km/h (2.2 mph)
Gradeability	35° / 70%
Max. drawbar pull	124 kN (27,876 lbf)

ELECTRIC SYSTEM

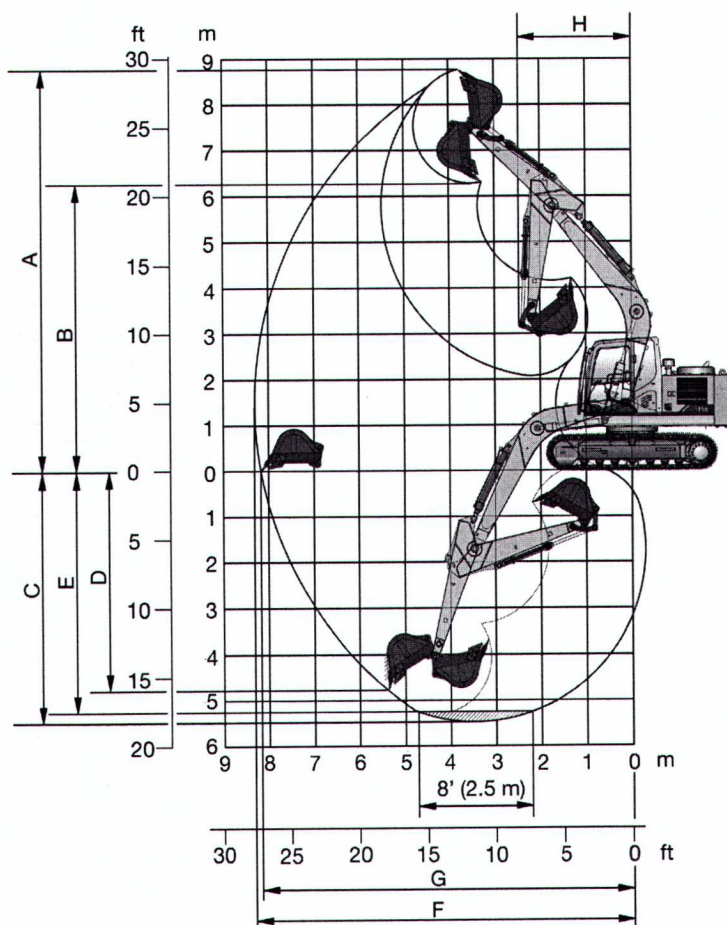
System voltage	24V
Batteries	2 x 12V
Alternator	24V - 70A
Starter motor	24V - 4.8 kW (24V - 6.4 hp)

SOUND PERFORMANCE

Interior sound level (ISO 6396)	70 dB(A)
Exterior sound level (ISO 6395)	100 dB(A)



SPECIFICATIONS



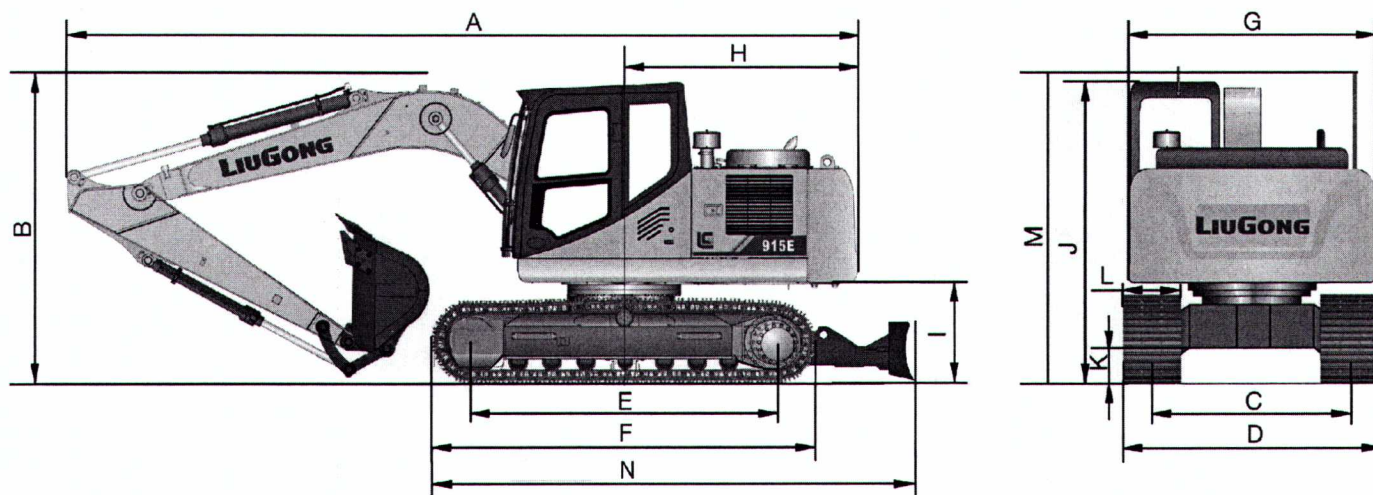
WORKING RANGES

Description

Standard Arm

Boom	4.6 m (15 ft 1 in)
Arm options	2.9 m (9 ft 6 in)
A Max. digging height	9,040 mm (29 ft 8 in)
B Max. dumping height	6,590 mm (21 ft 7 in)
C Max. digging depth	5,870 mm (19 ft 3 in)
D Max. vertical wall digging depth	5,160 mm (16 ft 11 in)
E Max. digging depth 2.4m (8 ft) level bottom	5,670 mm (18 ft 7 in)
F Max. digging reach	8,720 mm (28 ft 7 in)
G Max. digging reach at ground level	8,620 mm (28 ft 3 in)
H Min. swing radius	2,545 mm (8 ft 4 in)
Bucket digging force (ISO)	Normal 89.8 kN (20,188 lbf)
	Power boost 96.9 kN (21,784 lbf)
Arm digging force (ISO)	Normal 64.9 kN (14,590 lbf)
	Power boost 70 kN (15,737 lbf)
Bucket capacity	0.36 m ³ (0.47 yd ³)
Bucket tip radius	1,254 mm (4 ft 1 in)

SPECIFICATIONS



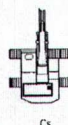
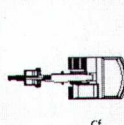
DIMENSIONS

	Standard Arm
Boom	4.6 m (15 ft 1 in)
Arm options	2.9 m (9 ft 6 in)
A Shipping length	7,750 mm (25 ft 5 in)
B Shipping height top of boom	3,055 mm (10 ft 0 in)
C Track gauge	1,990 mm (6 ft 6 in)
D Undercarriage width	2,590 mm (8 ft 6 in)
E Length to center of rollers	3,010 mm (9 ft 10 in)
F Track length	3,746 mm (12 ft 3 in)
G Overall width of upper structure	2,490 mm (8 ft 2 in)
H Tail swing radius	2,305 mm (7 ft 7 in)
I Counterweight ground clearance	960 mm (3 ft 2 in)
J Overall height of cab	3,055 mm (10 ft 0 in)
K Min. ground clearance	430 mm (1 ft 5 in)
L Track shoe width	600 mm (24.0 in)
M Height to top of hand rail	2,940 mm (9 ft 8 in)
N Track length with blade	4,716 mm (15 ft 6 in)

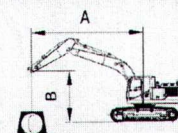
SPECIFICATIONS

915E WITH 600 MM (24.0 IN) SHOES, 2.9 M (9 FT 6 IN) ARM

A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side



Conditions:
Boom length: 4.6 m (15 ft 1 in)
Arm length: 2.9 m (9 ft 6 in)
Counterweight: 2,300 kg (5,071 lb)
Shoes: 600 mm (24.0 in)
Bucket: SAE 0.36 m³ (0.47 yd³), 390 kg (860 lb)



BLADE DOWN

A Reach: m (ft)

B: Height m (ft)		1.5 m (5 ft)		3 m (10 ft)		4.5 m (15 ft)		6 m (20 ft)		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs			Front	Side	Distance
6 m	kg					*2,710	*2,710			*1,520	*1,520	5.2 m
20 ft	lb					*5,975	*5,975			*3,351	*3,351	17 ft 1 in
4.5 m	kg					*2,940	*2,940	*2,040	*2,040	*1,470	*1,470	6.2 m
15 ft	lb					*6,482	*6,482	*4,497	*4,497	*3,240	*3,240	20 ft 3 in
3 m	kg			*5,050	*5,050	*3,630	3,360	*3,050	2,050	*1,250	*1,250	6.8 m
10 ft	lb			*11,133	*11,133	*8,003	7,408	*6,724	4,519	*2,756	*2,756	22 ft 3 in
1.5 m	kg			*7,390	6,230	*4,490	3,140	*3,400	1,960	*2,180	1,590	6.8 m
5 ft	lb			*16,292	13,735	*9,899	6,923	*7,496	4,321	*4,806	3,505	22 ft 3 in
0 m	kg			*8,280	5,940	*5,070	2,980	*3,640	1,880	*1,700	1,540	6.8 m
0 ft	lb			*18,254	13,095	*11,177	6,570	*8,025	4,145	*3,748	3,395	22 ft 3 in
-1.5 m	kg	*5,510	*5,510	*7,920	5,910	*5,100	2,930	*3,550	1,860	*2,940	1,770	6.2 m
-5 ft	lb	*12,147	*12,147	*17,461	13,029	*11,244	6,460	*7,826	4,101	*6,482	3,902	20 ft 3 in
-3 m	kg	*8,750	*8,750	*6,640	6,000	*4,370	2,960			*3,540	2,370	5.2 m
-10 ft	lb	*19,290	*19,290	*14,639	13,228	*9,634	6,526			*7,804	5,225	17 ft 1 in

BLADE UP

6 m	kg					*2,710	*2,710			*1,520	*1,520	5.2 m
20 ft	lb					*5,975	*5,975			*3,351	*3,351	17 ft 1 in
4.5 m	kg					*2,940	*2,940	*2,040	*2,040	*1,470	*1,470	6.2 m
15 ft	lb					*6,482	*6,482	*4,497	*4,497	*3,240	*3,240	20 ft 3 in
3 m	kg			*5,050	*5,050	*3,630	3,360	2,580	2,050	*1,250	*1,250	6.8 m
10 ft	lb			*11,133	*11,133	*8,003	7,408	5,688	4,519	*2,756	*2,756	22 ft 3 in
1.5 m	kg			*7,390	6,230	4,010	3,140	2,490	1,960	2,020	1,590	6.8 m
5 ft	lb			*16,292	13,735	8,841	6,923	5,490	4,321	4,453	3,505	22 ft 3 in
0 m	kg			8,090	5,940	3,840	2,980	2,410	1,880	1,700	1,540	6.8 m
0 ft	lb			17,835	13,095	8,466	6,970	5,313	4,145	3,748	3,395	22 ft 3 in
-1.5 m	kg	*5,510	*5,510	*7,920	5,910	3,780	2,930	2,390	1,860	2,700	1,770	6.2 m
-5 ft	lb	*12,147	*12,147	*17,461	13,029	8,333	6,460	5,269	4,101	5,952	3,902	20 ft 3 in
-3 m	kg	*8,750	*8,750	*6,640	6,000	3,830	2,960			3,030	2,370	5.2 m
-10 ft	lb	*19,290	*19,290	*14,639	13,228	8,444	6,526			6,680	5,225	17 ft 1 in

- * Indicates the load is limited by hydraulic capacity rather than the tipping capacity.
- The above loads are in compliance with the ISO 10567 hydraulic rating standard. They do not exceed 87% of the hydraulic lifting capacity of 75% tipping load.
- Rating at bucket lift hook.

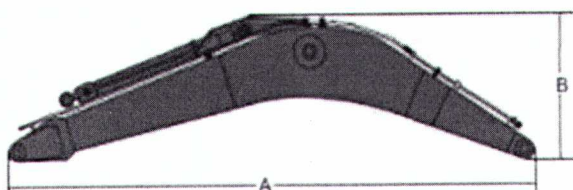
SPECIFICATIONS

MACHINE WEIGHTS AND GROUND PRESSURE

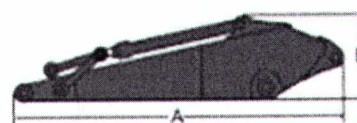
Operating weight includes boom 4.6 m (15 ft 1 in), arm 2.9 m (9 ft 6 in), bucket 0.36 m³ (0.47 yd³) counterweight 2,300 kg (5,071 lb) full fuel tank, and operator.

Shoe Width	Operating Weight	Ground Pressure	Overall Width
600 mm	16,300 kg	40.3 kPa	2,590 mm
24.0 in	35,935 lb	5.8 psi	8 ft 6 in

Boom



Arm



BOOM DIMENSIONS

Description

	Standard
Boom	4.6 m (15 ft 1 in)
Length	4,760 mm (15 ft 7 in)
Height	1,667 mm (5 ft 6 in)
Width	565 mm (1 ft 10 in)
Weight	842 kg (1,856 lb)
Includes cylinder, piping and pin, excludes boom cylinder pin.	

ARM DIMENSIONS

Description

	Standard
Arm	2.9 m (9 ft 6 in)
Length	3,659 mm (12 ft 0 in)
Height	704 mm (2 ft 4 in)
Width	256 mm (10 in)
Weight	392 kg (864 lb)
Includes cylinder, piping and pin, excludes boom cylinder pin.	

BUCKET SELECTION GUIDE

Bucket Type	Capacity	Cutting Width	Weight	Teeth Pcs	HD Boom 4.6 m (15 ft 1 in) Shoes 600 mm (24.0 in)
Heavy Duty	0.36 m ³ (0.47 yd ³)	748 mm (30 in)	576 kg (1,270 lb)	4	<input checked="" type="checkbox"/> <input type="checkbox"/>

Maximum material density

◇ Used with material weights 1,200 - 1,300 kg/m³ (2,023 - 2,191 lb yd³) Coal, Caliche, Shale

□ Used with material weights up to 1,400 - 1,600 kg/m³ (2,360 - 2,697 lb yd³) wet earth and clay, Limestone, Sandstone

X Not Recommended



STANDARD EQUIPMENT

ENGINE

- Cummins QSB4.5 certified to stringent US EPA Tier 4 Final emissions standards
- Auto idle speed control
- 2 Stage air filters with pre-cleaner
- VGT (Variable Geometry Turbocharger)
- Fuel system pre-filter with water separator
- Radiator, oil cooler and intercooler
- IPC (Intelligent Power Control) system
- Engine overheating prevention system

HYDRAULIC SYSTEM

- Manual power boost
- Auto power boost
- Boom and arm regeneration circuits
- Pilot oil filter
- Pilot control shut-off lever
- Swing with anti-reverse function
- Control pattern changer valve
- Bi-directional piping to arm
- 2-joystick with multi buttons

TELEMATICS

- 36 months service from initial sale
- Positioning and engine on/off history

OPERATOR STATION

- Travel rear-view camera
- 3 hallogen work lights
- Pressurized and sealed cab with all around visibility
- Front window wiper
- Removable lower window
- 6-working mode selection system: Power Mode, Economy Mode, Fine Mode, Lifting Mode, Breaker Mode and Attachment Mode
- Skylight rooftop
- Air conditioner, heater, defroster
- AM/FM Radio with MP3 audio jack
- Color LCD monitor with alarms, filter/fluid change, fuel rate, water temperature, work mode, fault code, working hour, seven language setting
- Glass-breaking hammer
- Fire extinguisher
- Cup holder
- Floor mat
- Storage box
- Rotation beacon
- Front glass lower guard
- Travel alarm
- Front window rain guard

UPPER STRUCTURE

- Rear view mirror (right & left side)
- 2 batteries
- One key for all locks
- Fuel gauge
- Hydraulic oil level gauge
- Storage box
- Swing parking brake
- Boom working lights
- Light integrated into storage box
- Rollover Protective System (ROPS) Cab

UNDERCARRIAGE

- 600 mm (24.0 in) triple grouser track-shoes
- 1 piece track-guard (each-side)
- Towing eye on base frame
- Sealed and lubricated track chain

WORK EQUIPMENT

- 4.6 m (15 ft 1 in) boom
- 2.9 m (9 ft 6 in) arm
- 0.36 m³ (0.47 yd³) bucket heavy duty

OPTIONAL EQUIPMENT

ENGINE SYSTEM

- Electrical fuel refilling pump

HYDRAULIC SYSTEM

- Security valves (2 on boom and 1 on arm) Auxiliary Hydraulic options
- PTO rotating piping
- Hi pressure quick coupler piping

OPERATOR STATION

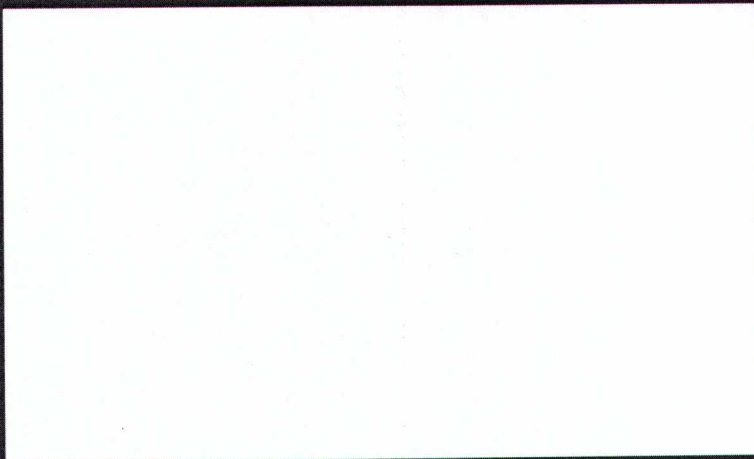
- Power outlet 24V to 12V converter
- 3 LED working lights
- Air suspension seat
- Falling Object Protective Structure (FOPS)

UNDERCARRIAGE

- 1 piece track-guard (each side)

FEATURES TO ENHANCE YOUR PRODUCTIVITY

- LED lights
- Attachment piping
- FOPS & rock guard
- Auto lube system



LG-PB-915E-102018-ENG-US

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TOUGH WORLD. TOUGH EQUIPMENT.

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**3 YEAR / 4,000 FULL MACHINE
INCLUSIVE EXTENDED WARRANTY CERTIFICATE
NORTH AMERICA**

The following warranty is an extended warranty by LiuGong Construction Machinery N.A., LLC (LGNA) in respect of equipment ("Equipment") sold by LGNA. This extended comprehensive limited warranty coverage is provided to the end user at no charge for any Dressta or LiuGong Construction Machinery invoiced by LiuGong North America after March 1, 2013 and sold in North America unless listed as non-qualified or a special sales promotion.

LGNA warrants that the stated Dressta and LiuGong products will be free from defects in workmanship and material for a period commencing on the earlier to occur of either (a) the date of the initial delivery registration or (b) the first commercial use of Equipment, and ending on the earlier to occur of either (c) the 36 months of operation, or (d) the 4,000 hours of operation. LGNA or its authorized representative will at LGNA's option, either repair or replace free of charge defective component(s) or part(s) of Equipment. LiuGong XtraCare extended warranty shall reimburse the cost of the parts and reasonable labor time at the agreed labor rate on file at the time of repair with a \$250.00 deductible per claim. Additionally, LiuGong will also reimburse a maximum \$250.00 trip charge per claim for field repairs. All non-covered costs for repairs are the responsibility of the customer. XtraCare Coverage becomes in effect after the standard 1yr/2000 hour and is inclusive in the duration of coverage term. Dealer must register machine for warranty at the time of first commercial use, 150 hours or 18 months from LGNA ship date (whichever occurs first). LiuGong reserves the right to change this offer at any time with 30 days advance notice. This extended coverage does not apply to any severe duty applications including mining, demolition, forestry, and landfill without pre-approval and additional charges. Refer to the XtraCare terms and conditions policy manual for additional information.

Coverage includes all components except the following: lamp bulbs, fuses, gaskets and packing, belts, bucket teeth, filter elements, grease fittings, tires and tubes, brake linings, weather stripping, windows, wiper blades and other consumables or maintenance items, engines when covered by manufacture, cables, doors, door latches, handles, or hinges, horn, mirrors, mirror brackets, muffler, fuel injectors, turbo, paint, radio, seat, seat belt, ground engaging tools, undercarriage components failing as a result of normal wear, wear items such as dry clutch, accumulators, air brake systems and brake discs, Undercarriage components including: track chains, shoes, sprockets, track rollers, top idlers and front idlers are covered up to 2000 working hours. Tracks with low ground pressure or wider than standard shoes will be subject to 50% deduction of necessary parts cost, swamp shoes or self-cleaning shoes are not covered. Loss of time, loss of rental costs, transportation, inconvenience, bodily injury, property damage, or other incidental or consequential damage that results from mechanical breakdown, including loss of use of any equipment or consequential loss of any nature whatsoever, penalties for delay or detention, or in connection with guarantees of performance or efficiency, storage, freight charges, shop supplies, EPA charges, waste disposal charges and taxes. The cost of establishing preventative procedures or the cost of recall by the Manufacturer of the covered equipment or any part thereof nor the cost of alterations, additions, improvements. Additional loss or damage which is occasioned by the contract holder or operator's failure to use all reasonable precautions to protect the equipment from any further loss or damage after a failure has occurred, minor adjustments, and attachments not manufactured by either LGNA or any of its subsidiaries. Engines are warranty by the original manufacture directly. Once the original engine warranty has expired LiuGong will administer the remaining warranty under the terms of the XtraCare extended warranty.

This warranty is extended by LiuGong Construction Machinery N.A., LLC (LGNA) in respect of equipment ("Equipment") sold by LGNA. This coverage is subject to the terms, provisions, conditions, limitations, extensions, exceptions and definitions as per the XtraCare Terms and Conditions policy manual. This warranty applies only if allegedly defective Equipment has been properly operated and maintained. This warranty is exclusive and in lieu of all other warranties (including, without limitation, express or implied warranties of merchantability or fitness for a particular purpose). No employee or representative of LGNA has the authority to either change or extend this warranty, except in writing signed by a corporate officer of LGNA. Claims must be filed within 30 days of repair.

LiuGong Construction Machinery North America LLC
Certificate No. 110514DC