



<b>Main Boom</b>	45 m
<b>Jib</b>	16 m
<b>Max Boom Length (Main Boom+Jib)</b>	61 m
<b>Max Lifting Capacity</b>	55 T
<b>Counterweight</b>	4.5T fixed + 4T fixable

# **LTC550L5**

# **TRUCK**

# **CRANE**

# LTC550L5 SPECIFICATIONS >>>

## ENGINE

Emission Regulation	Euro V
Manufacturer	Cummins
Model	ISL9.5-340E51A
Rated Power	251 kW @ 1,900 rpm
Peak Torque	1,485 N.m @ 1,300 rpm

## DIMENSION AND WEIGHT

Total Length	13,760 mm
Total Width	2,625 mm
Total Height	3,580 mm
Total Vehicle Weight	40,630 kg
Axle Load, 1 <sup>st</sup> gear	7,815 kg
Axle Load, 2 <sup>nd</sup> gear	7,815 kg
Axle Load, 3 <sup>rd</sup> gear	12,500 kg
Axle Load, 4 <sup>th</sup> gear	12,500 kg

## MAIN LIFTING PARAMETERS

Max. Lifting Capacity	55 T
Tail Swing Radius	3,730 mm
Outrigger Span (Longitudinal x Transverse)	6.03 x 7.3 m
Basic Boom Length	11.6 m
Longest Main Boom Length	45 m
Longest Main Boom + Jib Length	61 m
Maximum Lifting Torque, Basic Boom	1,962 kN.m
Maximum Lifting Torque, Longest Main Boom	1,160 kN.m

## DIAMETER/LENGTH OF WIRE ROPE

Main Hoist	18 mm/205 m
Auxiliary Hoist	18 mm/138 m

## WORKING SPEED

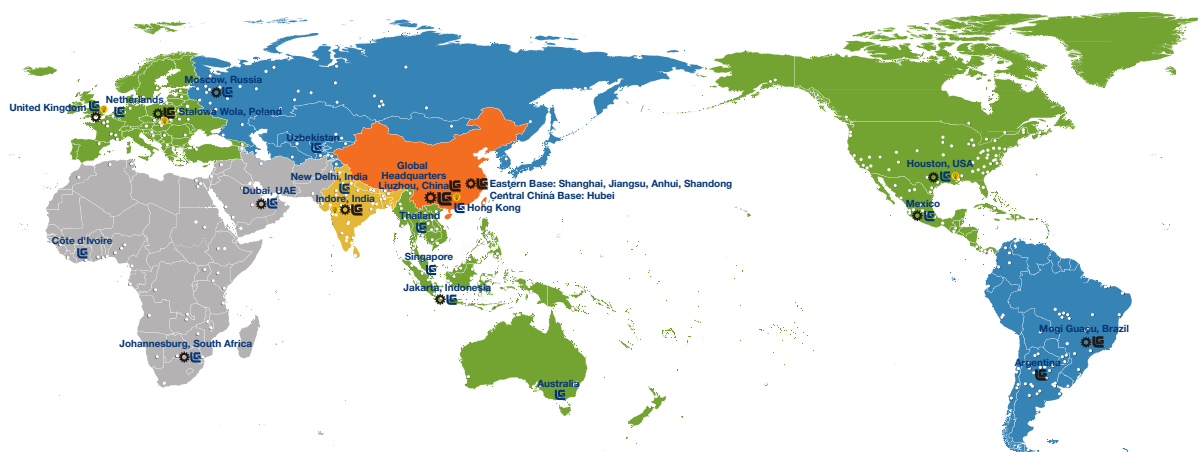
Main Hoist	0-130 m/min
Auxiliary Hoist	0-130 m/min
Swing	0-1.7 r/min
Rise/Fall Amplitude	45 s/80 s
Extension/ Retraction	95 s/125 s
Vertical Outrigger	Retract/45 s Extend/35 s
Horizontal Outrigger	Retract/30 s Extend/20 s

## HOOK AND RATIO

Quantity of Pulley	6/-
Ratio	12/1
Hook Load	550 kg/80 kg
Rated Load	55 T/5 T

## TRAVELLING PARAMETERS

Maximum Travelling Speed	85 km/h
Minimum Turning Radius	12 m
Approach Angle	19/10°
Departure Angle	13°
Maximum Gradeability	45%



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Specifications and designs are subject to change without notice. Machines shown may include optional equipment. Liugong standard and optional equipment may vary from region to region. Please consult your Liugong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.