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**ISL SL**

# MOBILE GANTRY CRANES



*Customer inspired lifting solutions*

 **SHUTTLELIFT®**



# ISL SL

# The gantry cranes that lift



## PRODUCTIVITY STARTS HERE.

Shuttlelift is a company that has always cared about engineering and manufacturing practical, robust, and durable lifting solutions. For more than 20 years, we have been innovating our equipment with thoughtful, customer requested capabilities. We have been able to do this because we listen to our most important advisors, our customers. We know that our customers understand their business better than we ever could and because of that, we allow them to guide the innovations we engineer into our lifting solutions.

Having a partner like Shuttlelift involved in your business is like having an engineering staff at your disposal without the overhead associated with it. From straight forward lifting solutions to the most complex and highly differentiated requirements, you can count on us to help you solve them. We challenge you to challenge us with your most difficult material handling issues.



*Steel Handling*



*Wind Generation*



*Oil Industry*



*Pre-Cast Concrete*



# your productivity.



*Transportation*



*Government*



*Aircraft*



*Construction*



*Telecommunications*



# ISL SL

# Superior engineering backed



**SHUTTLELIFT'S ARTICULATED PIVOT TRUNION** allows for the frame of our crane to flex under uneven terrain without causing structural damage or risking the safety of the load.



**DIRECT LINE REEVING** straight to the hoisting drums prevents premature wear and tear of wire rope.



**180 DEGREE SWIVEL SEAT** reduces operator fatigue and safety issues by reducing the need for the operator to turn around in his seat while managing a load.



**SUPERIOR PAINT** allows our cranes to maintain their appearance far beyond our closest competitor. Superior painting also buffers the steel from the elements and provides corrosion resistance.



*Using Planetary Drives means less opportunity for gears to be damaged while moving a load, which can cause critical downtime costing you money.*



*Easy to access engine compartment makes for easy servicing and maintenance. Quicker service means less downtime.*



*Main Frame is high-strength, low alloy steel of box section design to maximize durability.*



# by the best warranty in the industry.



**POWDER COATED CARBON STEEL HYDRAULIC TUBING**, Cadmium Coated Bolts, and Zinc Plated Pins mean that our fasteners resist corrosion and oxidation due to exposure to the elements. Simple touches like these make our cranes structurally superior.



**FIVE BEAM CONSTRUCTION** provides increased stability and structural consistency for loads. You can trust our crane when a load is being handled.



**CUSTOM SPREADERS AVAILABLE.** Shuttlelift can make your business a custom spreader and improve the overall efficiency and structural soundness of your current lifting capabilities.



**BOTTOM BEAM MOUNTED WINCHES** provide visibility and safety for operators. By having the winches mounted below our operators cab, the operator can visually see the winding of the cable and maintenance can be performed without having to climb a ladder or rent a manbasket.



*We use o-ring facing seals to prevent hydraulic leaks and blow outs.*



*We wrap our hoses in Cordura covers to protect them from harsh elements and to protect the life of your investment.*



*We fabricate our structures to ensure the highest quality of welding and workmanship.*



# ISL

# Shuttlelift Models



The ISL Models are the “work horses” of our line. The ISL is designed for higher duty cycles and to work all day long. The ISL can handle wide or narrow loads and has a five beam upper structure with heavier designed structural members. They have the ability to traverse a load both vertically and horizontally with two independent hoist controls and two independent traverse controls. The ISL has faster hoist speeds and a ground speed of approximately 3 miles per hour. It has a sit down, center mounted cab design with noise suppression, which helps buffer the operator from engine noise. Wheel fenders are standard on all ISL Models and wireless remote control is offered as an option.

### ▶ ISL CAPACITY

MODEL	CAPACITY
ISL 15	30,000 lbs. / 13,610 kg
ISL 30B	60,000 lbs. / 27,220 kg
ISL 40B	80,000 lbs. / 36,290 kg
ISL 50B	100,000 lbs. / 45,360 kg
ISL 55B	110,000 lbs. / 49,900 kg
ISL 70B	140,000 lbs. / 63,500 kg
ISL 100	200,000 lbs. / 90,720 kg
ISL 150	300,000 lbs. / 136,080 kg

### ▶ GENERAL SPECIFICATIONS MODELS ISL 15 - ISL 55B

MODEL	ISL 15	ISL 30B	ISL 40B	ISL 50B	ISL 55B
Inside Clear Width - Std.	15'-30' / 4.57 m - 9.14 m	20'-40' / 6.10 m - 12.19 m	20'-45' / 6.10 m - 13.71 m	20'-45' / 6.10 m - 13.71 m	20'-40' / 6.10 m - 12.19 m
Height to Hook Throat - Std.	16'-20' / 4.88 m - 6.10 m	20'-25' / 6.10 m - 7.62 m	20'-30' / 6.10 m - 9.14 m	20'-30' / 6.10 m - 9.14 m	20'-25' / 6.10 m - 7.62 m
Wheelbase - Std.	21'-31' / 6.40 m - 9.45 m	22'-32' / 6.71 m - 9.75 m	24'-34' / 7.32 m - 10.36 m	24'-34' / 7.32 m - 10.36 m	24'-34' / 7.32 m - 10.36 m
Ground Bearing Pressure	80 PSI / 5.5 Bars	85 PSI / 5.9 Bars	110 PSI / 7.6 Bars	110 PSI / 7.6 Bars	110 PSI / 7.6 Bars
Engine	Cummins-80 HP / 60 kW	Cummins-148 HP / 110 kW	Cummins-185 HP / 138 kW	Cummins-215 HP / 160 kW	Cummins-215 HP / 160 kW

### ▶ GENERAL SPECIFICATIONS MODELS ISL 70B - ISL 150

MODEL	ISL 70B	ISL 100	ISL 150
Inside Clear Width - Std.	30'-50' / 9.14 m - 15.24 m	40'-55' / 12.19 m - 16.76 m	30'-50' / 9.14 m - 15.24 m
Height to Hook Throat - Std.	25'-35' / 7.62 m - 10.67 m	30'-45' / 9.14 m - 13.72 m	32' - 45' / 9.75 m - 13.72 m
Wheelbase - Std.	30'-36' / 9.14 m - 10.98 m	30'-35' / 9.14 m - 10.67 m	41'6" / 12.65 m
Ground Bearing Pressure	110 PSI / 7.6 Bars	115 PSI / 7.9 Bars	116 PSI / 8.0 Bars
Engine	Cummins-260 HP / 194 kW	Cummins-300 HP / 224 kW	Cummins-500 HP / 373 kW

*Only Basic Dimensions Shown. (ISL Models are Custom Built. Height, Width and Wheel Base dimensions are tailored to meet your requirements. Limitations Apply.)*



# and Specifications

# SL

The SL Model is designed for low duty cycle “pick and carry” type jobs. The SL can handle big loads and is narrower in width than the ISL. The SL has no traversing capabilities and is designed for vertical lifts only. The ground speed of the SL is approximately 1 mile per hour. The standard operators platform is a stand-up version with excellent visibility, and we offer wireless remote control as an option.

## ▶ SL CAPACITY

MODEL	CAPACITY
SL 15	30,000 lbs. / 13,610 kg
SL 25II	50,000 lbs. / 22,680 kg
SL 35II	70,000 lbs. / 31,750 kg
SL 50II	100,000 lbs. / 45,360 kg
SL 75II	150,000 lbs. / 68,040 kg
SL 100II	200,000 lbs. / 90,720 kg
SL 150II	300,000 lbs. / 136,080 kg
SL 200II	400,000 lbs. / 181,440 kg
SL 250	500,000 lbs. / 226,800 kg
SL 300	600,000 lbs. / 272,160 kg
SL 400	800,000 lbs. / 362,870 kg
SL 500	1,000,000 lbs. / 453,590 kg
SL 600	1,200,000 lbs. / 544,310 kg
SL 600-IL8	1,200,000 lbs. / 544,310 kg
SL 700	1,400,000 lbs. / 635,030 kg
SL 800-16	1,600,000 lbs. / 725,750 kg



## ▶ GENERAL SPECIFICATIONS MODELS SL 15 - SL 200II

Model	SL 15	SL 25II	SL 35II	SL 50II	SL 75II	SL 100II	SL 150II	SL 200II
Inside turning radius (wheel at 90 degrees)	0'0" / 0.00 m	0'0" / 0.00 m	0'0" / 0.00 m	0'0" / 0.00 m	0'0" / 0.00 m	0'0" / 0.00 m	0'0" / 0.00 m	0'0" / 0.00 m
Outside turning radius with std. dimensions	26'0" / 7.93 m	27'7" / 8.41 m	29'4" / 8.94 m	32'8" / 9.96 m	35'4" / 10.77 m	45'4" / 13.82 m	52'0" / 15.85 m	54'8" / 16.66 m
Overall height - Std.	18'0" / 5.59 m	19'10" / 6.05 m	20'0" / 6.10 m	22'6" / 6.86 m	25'0" / 7.62 m	31'7" / 9.63 m	33'0" / 10.06 m	37'0" / 11.28 m
Inside clear height - Std. (under front beam)	16'0" / 4.88 m	18'0" / 5.49 m	18'0" / 5.49 m	20'0" / 6.10 m	22'0" / 6.71 m	28'0" / 8.53 m	30'0" / 9.14 m	32'0" / 9.75 m
Overall width- Std.	20'0" / 6.10 m	22'0" / 6.71 m	22'2" / 6.76 m	25'2" / 7.67 m	27'0" / 8.23 m	33'6" / 10.21 m	38'2" / 11.63 m	42'8" / 13.00 m
Inside clear width - Std.	15'0" / 4.57 m	17'0" / 5.18 m	17'0" / 5.18 m	20'0" / 6.10 m	21'0" / 6.40 m	26'0" / 7.92 m	28'0" / 8.53 m	30'0" / 9.14 m
Wheelbase - Std.	14'6" / 4.42 m	16'6" / 5.03 m	18'6" / 5.64 m	21'0" / 6.40 m	22'6" / 6.86 m	30'0" / 9.14 m	32'0" / 9.75 m	36'6" / 11.13 m
Engine	Cummins-80 HP / 60 kW	Cummins-80 HP / 60 kW	Cummins-80 HP / 60 kW	Cummins-80 HP / 60 kW	John Deere-115 HP / 86 kW	John Deere-115 HP / 86 kW	John Deere-154 HP / 115 kW	John Deere-154 HP / 115 kW

## ▶ GENERAL SPECIFICATIONS MODELS SL 250 - SL 800-16

Model	SL 250	SL 300	SL 400	SL 500	SL 600	SL 600-IL8	SL 700	SL 800-16
Inside turning radius (wheel at 90 degrees)	0'0" / 0.00 m	0'0" / 0.00 m	0'0" / 0.00 m	33' 0" / 10.06 m	35'0" / 10.67 m	0'0" / 0.00 m	22'8" / 6.91 m	25'7" / 7.80 m
Outside turning radius with std. dimensions	58'6" / 17.83 m	64'0" / 19.51 m	76'0" / 23.16 m	93'0" / 28.35 m	97'0" / 29.56 m	97'0" / 29.56 m	87'2" / 26.57 m	99'2" / 30.24 m
Overall height - Std.	37'2" / 11.33 m	39'0" / 11.89 m	44'0" / 13.41 m	46'6" / 14.17 m	53'4" / 16.26 m	53'4" / 16.26 m	53'8" / 16.35 m	60'4" / 18.40 m
Inside clear height - Std. (under front beam)	32'0" / 9.75 m	34'0" / 10.36 m	37'0" / 11.28 m	40'0" / 12.19 m	45'0" / 13.72 m	45'0" / 13.72 m	45'0" / 13.72 m	50'0" / 15.24 m
Overall width- Std.	43'0" / 13.11 m	46'0" / 14.02 m	50'4" / 15.34 m	52'0" / 15.85 m	52'0" / 15.85 m	50'5" / 15.37 m	55'0" / 16.76 m	66'4" / 20.22 m
Inside clear width - Std.	30'0" / 9.14 m	32'0" / 9.75 m	35'0" / 10.67 m	38'0" / 11.58 m	38'0" / 11.58 m	38'0" / 11.58 m	38'0" / 11.58 m	48'0" / 14.63 m
Wheelbase - Std.	41'6" / 12.65 m	41'6" / 12.65 m	48'0" / 14.63 m	60'0" / 18.29 m	64'0" / 19.51 m	64'0" / 19.51 m	64'0" / 19.51 m	68'0" / 20.73 m
Engine	John Deere - 156 HP / 116 kW	John Deere-156 HP / 116 kW	John Deere-225 HP / 167 kW	John Deere-300 HP / 224 kW	John Deere-400 HP / 298 kW	John Deere-400 HP / 298 kW	John Deere-500 HP / 373 kW	John Deere-500 HP / 373 kW

Only Basic Dimensions Shown. (SL Models are Custom Built. Height, Width and Wheel Base dimensions are tailored to meet your requirements. Limitations Apply.)



# ISL SL

## Superior manufacturing and service.

### How we build them is why they perform so well.

At Shuttlelift, the attention to detail used when building our machines shows in our finished product. Each of our employees gives the utmost care to building our equipment and our quality control department is always looking out for our customers by discriminating against the slightest defects. When you combine highly focused people with great engineering design, you get the best Gantry crane available on the market today. Shuttlelift, you can believe in us!

### Technology to aid you in ordering parts.

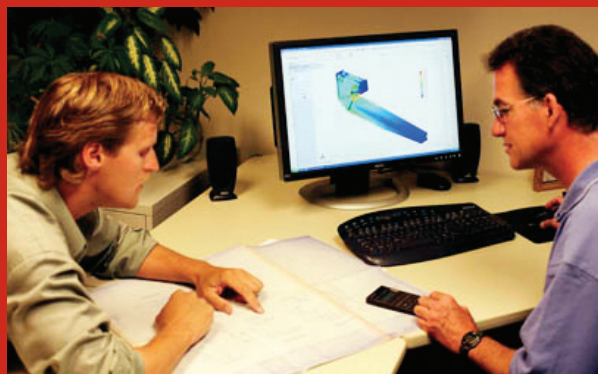
By working with your Shuttlelift dealers, you get the benefit of on-line parts ordering and a customer service team that is dedicated to helping you find the exact right part. We have made a substantial investment in information services and web technology to improve our customer service and help our customers receive the necessary parts to keep their equipment up and running. Shuttlelift will continue to make investments that add value to our customers in both service and parts capabilities. Our service department is staffed with qualified and experienced people that care deeply about the success of their customers.

### Our dealers make the difference.

Shuttlelift has a deeply experienced network of dealers to help install and continue to service your equipment. Our dealers are highly qualified lifting professionals that we have selected distinctly to be on our team. We have chosen these dealers because they embody our beliefs about customer service and commitment. A Shuttlelift Gantry Crane is an investment for your business and we understand how critical it is that you are up and running when you need to be. We keep this in mind when selecting dealers to represent our product.

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