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ISL SL

MOBILE GANTRY CRANES



Customer inspired lifting solutions

 **SHUTTLELIFT®**

ISL SL

The gantry cranes that lift your productivity.



PRODUCTIVITY STARTS HERE.

At Shuttlelift, we believe you need more than a lifting-equipment vendor. You need a partner, one who will work with you to design a machine that meets your specific requirements. For over half a century, we have been engineering and manufacturing our equipment with thoughtful, customer requested capabilities. We have been able to do this because we listen to our most important advisors, our customers. Knowing their exact needs, we allow our customers 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 needs.



Steel Handling



Wind Generation



Oil Industry



Pre-Cast Concrete



Transportation



Government



Aircraft



Construction



Telecommunications

ISL SL

Superior engineering backed by the best warranty in the industry.



ARTICULATED PIVOT TRUNNION
Shuttlelift's Articulated Pivot Trunnion allows the crane's frame to articulate while traveling over uneven terrain without causing structural damage or risking the safety of the load.



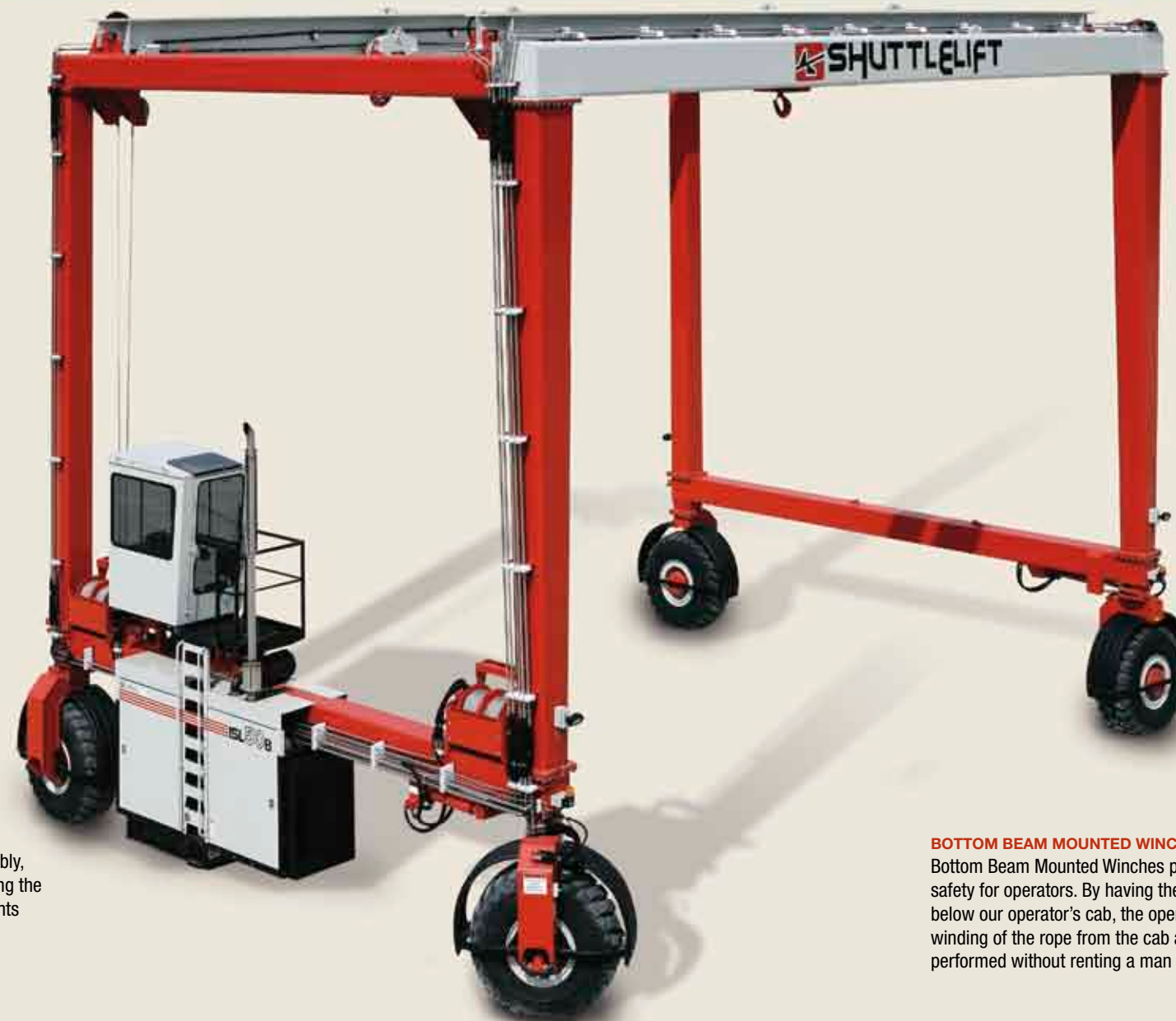
DIRECT LINE REEVING
Direct Line Reeving straight to the hoisting drums prevents premature wear and tear of the wire ropes.



180 DEGREE SWIVEL SEAT
Our 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 PROCESS
Each piece is painted individually prior to assembly, reducing the possibility for corrosion and ensuring the structure stays protected from harsh environments and work conditions.



POWDER COATED CARBON STEEL HYDRAULIC TUBING Powder-Coated Carbon Steel Hydraulic Tubing and zinc plated bolts and pins mean that our fasteners resist corrosion and oxidation when exposed to the elements.



OUR FIVE BEAM CONSTRUCTION
Shuttlelift's Five Beam Construction provides increased stability and structural consistency for loads.



CUSTOM SPREADERS
We design and build Custom Spreaders to improve the overall efficiency and structural soundness of your current lifting capabilities.



BOTTOM BEAM MOUNTED WINCHES
Bottom Beam Mounted Winches provide visibility and safety for operators. By having the winches mounted below our operator's cab, the operator can see the winding of the rope from the cab and maintenance can be performed without renting a man lift.



Using Planetary Drives allows for controlled movement over objects and uneven terrain providing precision drive control.



Easy to access engine compartment allows all routine maintenance points to be easy to reach and service.



The main frame's high-strength, low alloy steel and formed box-section column design maximizes the crane's durability.



Flat faced o-ring seals prevent leaks and blow-outs in the hydraulic system.



We wrap our hoses in Cordura Covers to protect them from harsh environments and to extend the life of your investment.



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



ISL

Shuttlelift Models and Specifications

SL



The ISL models are the “work horses” of our line. The ISL is designed for heavy-duty cycles and its five beam upper structure can handle wide or narrow loads. 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. Our 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 60B	120,000 lbs. / 54,400 kg
ISL 70B	140,000 lbs. / 63,500 kg
ISL 100B	200,000 lbs. / 90,720 kg
ISL 150	300,000 lbs. / 136,080 kg

GENERAL SPECIFICATIONS MODELS ISL 15 - ISL 60B					
MODEL	ISL 15	ISL 30B	ISL 40B	ISL 50B	ISL 60B
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	30'-50' / 9.14 m - 15.24 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	25'-35' / 7.62 m - 10.67 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	26'-31' / 7.92 m - 9.45 m
Ground Bearing Pressure	87 PSI / 6.0 Bars	123 PSI / 8.5 Bars	138 PSI / 9.5 Bars	138 PSI / 9.5 Bars	120 PSI / 8.3 Bars
Engine	Cummins-80 HP / 60 kW	Cummins - 148 HP / 110kW	Cummins – 190 HP / 142 kW	Cummins – 220 HP / 164 kW	Cummins - 220 HP / 164 kW

GENERAL SPECIFICATIONS MODELS ISL 70B - ISL 150			
MODEL	ISL 70B	ISL 100B	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	105 PSI / 7.2 Bars	112 PSI / 7.7 Bars	130 PSI / 9.0 Bars
Engine	Cummins – 260 HP / 194 kW	Cummins-300 HP / 224 kW	Cummins-500 HP / 373 kW

The SL model is designed for lower duty cycles and “pick and carry” type of jobs. 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 operator's platform is a stand-up version with excellent visibility and our Wireless Remote Control is offered as an option.

SL CAPACITY	
MODEL	CAPACITY
SL 15II	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 300II	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
SL 1000	2,000,000 lbs. / 907,180 kg



GENERAL SPECIFICATIONS MODELS SL 15II - SL 200II								
Model	SL 15II	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	27'7" / 8.41 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.	19'10" / 6.05 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)	18'0" / 5.49 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.	22'0" / 6.71 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.	17'0" / 5.18 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
All Wheel Drive Option	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
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 1000									
Model	SL 250	SL 300II	SL 400	SL 500	SL 600	SL 600-IL8	SL 700	SL 800-16	SL 1000
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	36'6" / 11.13 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	123'6" / 37.63 m
Overall height - Std.	37'2" / 11.33 m	39'7" / 12.06 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	66'1" / 20.14 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	55'0" / 16.76 m
Overall width- Std.	43'0" / 13.11 m	46'2" / 14.07 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	79'0" / 24.08 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	55'0" / 16.76 m
All Wheel Drive Option	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
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	John Deere-600 HP / 474 kW

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

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ISL SL



Shuttlelift

49 E. Yew St
Sturgeon Bay, WI 54235 USA

Phone: 920.743.8650

Fax: 920.743.1522

E-mail: sales@shuttlelift.com

www.shuttlelift.com

SERVICE YOU CAN COUNT ON.

Premier technology, worldwide support.

Working with Shuttlelift's dealer network gives you two important benefits: the ability to order parts online, and easy access to a worldwide customer service team that's dedicated to helping you find the part you need, when you need it. Our substantial investment in information services and web technology means we can offer the very best in customer service, ensuring that our customers are always able to keep their equipment in prime operating condition. Shuttlelift will continue to invest in service and parts capabilities that add value for our customers, and we diligently staff our service department with qualified, experienced professionals who care deeply about our customers' ongoing success.

Our dealers make the difference.

Shuttlelift has an experienced worldwide network of dealers to help install your equipment and provide ongoing maintenance and repair service. Our dealers are highly qualified lifting professionals who have been carefully selected to be members of our team. We've chosen these dealers because they fully embrace our commitment to offering the best customer service in the industry. A Shuttlelift gantry crane is a serious investment for your business, and we understand how important it is for your machine to be up and running. We keep this in mind each time we hand-pick new dealers, as they will represent our product and the respected Shuttlelift name with care and integrity around the world.



Shuttlelift cares about your business.

Even the best gantry crane in the industry needs to have a support system, and that system has to work everywhere. That's why Shuttlelift has developed a comprehensive program to provide world-class parts, service, technical training and support. No matter where you are, there's a Shuttlelift dealer and service team ready to provide you with the parts and service you need to get your crane back into operation with minimal downtime. With Shuttlelift's CustomerCare program, you can rest assured that you've got the best-built and best-supported mobile gantry crane in the world.

Information contained within this brochure is believed to be correct at time of printing. Not all accessories shown in photos or described may be available as standard equipment or as an option. Options, features and specifications are subject to change without notice.

 **SHUTTLELIFT**
CUSTOMER INSPIRED LIFTING SOLUTIONS