

# CRYSTEEL LO-BOY HOISTS

☆ **Reduced Installation Time** - Built-in body guides

☆ **Flexible Installation** – New drop hinge design minimizes chassis frame interference

☆ **Improved Design** - Increased lifting capacity and o-ring ports throughout the line

Lo-Boy Hoist Capacity (In Tons)								
Body Length (ft)	Rear Overhang (in)	B-5 (Bert)	C-8 (Charlie)	D-9 (Daniel)	D-10 (David)	E-15 (Ernie)	F-18 (Floyd)	ST4000
8'	6"	6.9	10.9	13.2				
	18"	9.7	15.2	18.5				
9'	6"	6.1	9.5	11.6				
	18"	8.1	12.7	15.4				
10'	6"	5.4	8.4	10.3	11.3	16.3		
	18"	6.9	10.9	13.2	14.6	21.0		
	30"	9.7	15.2	18.5	20.4	29.4		
12'	6"	4.4	6.9	8.4	9.2	13.3		
	18"	5.4	8.4	10.3	11.3	16.3		
	30"	6.9	10.9	13.2	14.6	21.0		
14'	6"		5.8	7.1	7.8	11.3	14.9	
	18"		6.9	8.4	9.2	13.3	17.6	
	30"		8.4	10.3	11.3	16.3	21.5	
16'	6"				6.8	9.8	12.9	19.5
	18"				7.8	11.3	14.9	22.5
	30"				9.2	13.3	17.6	26.6
18'	6"						11.4	17.2
	18"						12.9	19.5
	30"						14.9	22.5
20'	6"						10.2	15.4
	18"						11.4	17.2
	30"						12.9	19.5
21'	6"						9.7	13.0
	18"						10.7	15.4
	30"						12.1	17.2

  

Lo-Boy Hoist Specifications								
NTEA Performance Class	B	C	D	D	E	F	H	
Number of Cylinders	1	1	1	1	1	1	1	2
Double Acting (Power Down)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cylinder Bore & Stroke (in.)	4 X 15 1/4	5 X 15 1/4	5 1/2 X 15 1/4	5 X 20 11/16	6 X 20 11/16	6 X 29 7/16	5 X 27 1/4	
Chromed Cyl. Shaft Diameter (in.)	1.5	2	2	2	2	2.25	2.38	
Operating Pressure (PSI)	3250	3250	3250	3250	3250	3250	4000	
Recommended C.A. (in.)	60"-84"	60"-84"	60"-84"	84"-120"	84"-120"	102"-156"	-	
Recommended C.T. (in.)	-	-	-	-	-	90-144	120-181	
Mounting Ht. Above Truck Frame (in)	6 11/16	7 3/8	7 5/8	7 3/8	8	8 3/4	10 1/2	
Extended Max. Lift Height (in.)	61	61	61	76	76	105	98	
Approximate Weight (lbs.)	340	365	375	388	430	580	1119	

\*ST4000 does not have the updated features.

Specifications subject to change.

Capacities based on water-level load, 45 degree dump angle, and includes body weight.

**CAUTION:** The combined weights of truck, body, hoist and load must not exceed the truck's Gross Vehicle Weight rating.



**CRYSTEEL.**

52182 Ember Rd • Lake Crystal, MN 56055

1-800-533-0494 • 1-507-726-2728 • FAX 1-507-726-2559 • www.crysteel.com • Email crysteel@crysteel.com