



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-10 (David)	E-15 (Ernie)	F-18 (Floyd)	ST4000*
8'	6"	6.9	10.9				
	18"	9.7	15.2				
9'	6"	6.1	9.5				
	18"	8.1	12.7				
10'	6"	5.4	8.4	11.3	16.3		
	18"	6.9	10.9	14.6	21.0		
	30"	9.7	15.2	20.4	29.4		
12'	6"	4.4	6.9	9.2	13.3		
	18"	5.4	8.4	11.3	16.3		
	30"	6.9	10.9	14.6	21.0		
14'	6"	3.7	5.8	7.8	11.3	14.9	
	18"	4.4	6.9	9.2	13.3	17.6	
	30"	5.4	8.4	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	E	F	H
Number of Cylinders	1	1	1	1	1	2
Double Acting (Power Down)	Yes	Yes	Yes	Yes	Yes	Yes
Cylinder Bore & Stroke (in.)	4 X 15 1/4	5 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	2.25	2.38
Operating Pressure (PSI)	3250	3250	3250	3250	3250	4000
Recommended C.A. (in.)	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 3/8	8	8 3/4	10 1/2
Extended Max. Lift Height (in.)	61	61	76	76	105	98
Approximate Weight (lbs.)	340	365	388	430	580	1119

*ST4000 does not have the updated features, The H-20 (Henry) will be available by Spring 2005
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 MANUFACTURING, INC.

52182 Ember Rd • Lake Crystal, MN 56055 & 1902 Rt 57 • Fulton, NY 13069

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