



STINGRAY™

HOIST

- *To 50-Ton Capacity.*
- *Big value in a powerful heavy-duty hoist.*
- *Mounts low and far forward, reducing strain on body and truck. Smooth operating and stable, too.*

www.CRYSTEEL.com



CRYSTEEL'S STINGRAY: A POWERFUL VALUE



No one packs so much value into a heavy-duty hoist...with capacities from 10 to 50-ton in bodies from 10 to 28 feet long.

Our StingRay hoist mounts low between the frame so there's no notching of body crossmembers. Its wide-stance design and tubular structure adds strength and prevents twisting to endure heavy loads.

For extra long wear, cylinder and center hinge pivots feature smooth, composite Teflon® bearings, lubricated for life and maintenance-free.

The single-acting StingRay Hoist's auto-bleeding cylinders automatically and effortlessly remove unwanted air from the hydraulic system. The auto-bleeding feature in these cylinders transfers any air in the cylinder from the cylinder to the reservoir every time the hoist is cycled, eliminating any need to manually bleed the cylinder. These auto-bleeding cylinders allow for safer maintenance and smoother, more efficient operation.



Hoist mounts low between the frame, meaning no notching crossmembers under dump body.



Crysteel's combination valve/reservoir is standard and easy to install.



Maintenance-free composite bearings used on cylinder and center point.

Performance Features

- Pre-assembled rear hinge adds strength and simplifies installation.
- Stabilizer allows both cylinders to extend and retract at the same time
- Fast cycle time makes the StingRay responsive.
- A high dumping angle (to 60°) speeds dumping of even the stickiest loads.
- Minimal movement of cylinders between truck frame rails.
- Crysteel's full warranty; best in the industry.



StingRay hoists are available in 5 NTEA performance classes as 1, 2 or 3 stage cylinders.

HIGH-PRESSURE HYDRAULICS BY CRYSTEEL

- Crysteel's high-pressure hydraulics produce more power with less weight.
- Direct mount pump and combination valve/reservoir makes installation easy.
- Locking lever control and sealed cable provide safe, reliable hoist control.
- Double acting cylinders standard on 1900. Optional on 4400 & larger.
- Cylinders are precision made with high-strength, hard chromed steel tubing.



Direct mount pump.

STINGRAY HOIST

STINGRAY HOIST SPECIFICATIONS					
	1900	4400	5500	6600	7700
NTEA Performance Class	F/60	H/80	J/100	K/110	L/120
Number of Cylinder Stages	1 D/A	2	3	3	3
Cylinder Stroke (in.)	28	47	70	86	90
Operating Pressure (PSI)	4000	3250	3250	3250	3250
Std. Pump GPM @ 1000 RPM	6	10	15	15	15
Mounting Height (in.)	6.375	7.5	7.5	7.5	12.875
45° Mounting Distance (in.)	97	123	153	171	186
Recommended Body Length (ft.)	10-18	14-20	16-24	16-24	20-28
Approximate Weight (lbs.)	565	950	990	1020	1110

STINGRAY HOIST CAPACITIES IN TONS*																																				
	Body Length (ft.)																																			
	10			12			14			15			16			18			20			22			24			26			28					
Rear Overhang (in.)	6	18	30	6	18	30	6	18	30	6	18	30	6	18	30	6	18	30	6	18	30	6	18	30	6	18	30	6	18	30	6	18	30	6	18	30
StingRay Model																																				
1900	23.4	30.1	42.1	19.1	23.3	30.1	16.2	19.1	23.3	15.0	17.5	21.0	14.0	16.2	19.1	12.3	14.0	16.2																		
4400**							26.7	31.5	38.5	24.8	28.9	34.7	23.1	26.7	31.5	20.3	23.1	26.7	17.6	20.3	23.1															
5500**													23.1	27.4	33.6	20.0	23.1	27.4	17.6	20.0	23.1	15.8	17.6	20.0	14.2	15.8	17.6									
6600**													28.8	34.2	42.1	24.9	28.8	34.2	21.9	24.9	28.8	19.5	21.9	24.9	17.6	19.8	21.9									
7700**																			22.8	25.8	29.9	20.4	22.8	25.8	18.4	20.4	22.8	16.8	18.4	20.4	15.4	16.8	18.4			
C/A	84	72	60	108	96	84	132	120	108	144	132	120	156	144	132	180	168	156	204	192	180															
C/T							120	108	96	132	120	108	144	132	120	168	156	144	192	180	168	216	204	192	240	228	216	264	252	240	288	276	264			

Specifications subject to change.

* Assumes water level load and includes body weight.

** Double-Acting has 15% more capacity.

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



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Every body and hoist is backed by Crysteel's industry-leading **5-year Customer Satisfaction Pledge**.
 For more information on Crysteel's 5 Year Warranty, please ask your Crysteel Distributor or visit us at www.crysteel.com.

