

STINGRAY™
HOIST

CRYSTEEL



- *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.*



Building the World's Best Truck Bodies & Hoists

Crysteel's StingRay: A Powerful Value



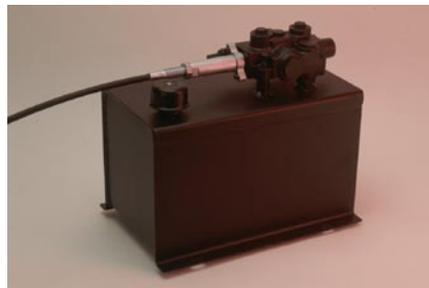
No one packs so much value into a heavy-duty hoist...with capacities from 10 to 50-ton in bodies from 10 to 28 feet long.

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.



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.

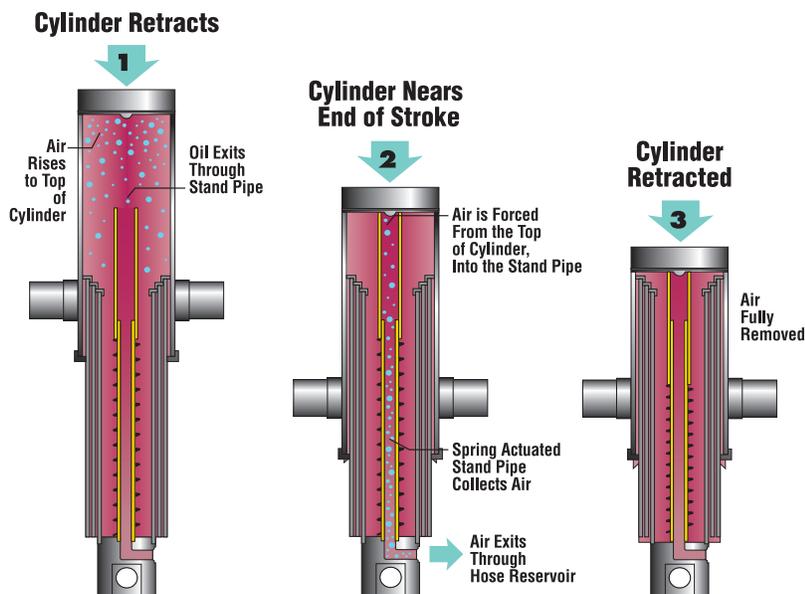


Direct mount pump.

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.

Auto-Bleed™ Cylinders



Crysteel's patented AUTO-BLEED™ cylinders eliminate the inconvenience and dangers of manually bleeding air out of your cylinder. The AUTO-BLEED system **automatically** and **effortlessly** removes unwanted air from the hydraulic system safely and cleanly. Turbo hoists with the patented AUTO-BLEED system set a new **standard of excellence** in the truck hoist industry.

Patent Numbers
 US 5,390,586
 Canada 2,142,374
 Mexico 185,833

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**																																							
5500**																																							
6600**																																							
7700**																																							
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																																							

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.



StingRay hoists allow versatility in mounting.



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