

# **TURBO™** **TELESCOPIC** **HOIST**



- *To 62-Ton Capacity.*
- *The reliability champ of conventional telescopic hoists.*
- *Powerful launch stage. Power throughout the dump cycle.*
- *Twin lip seals never need adjusting.*

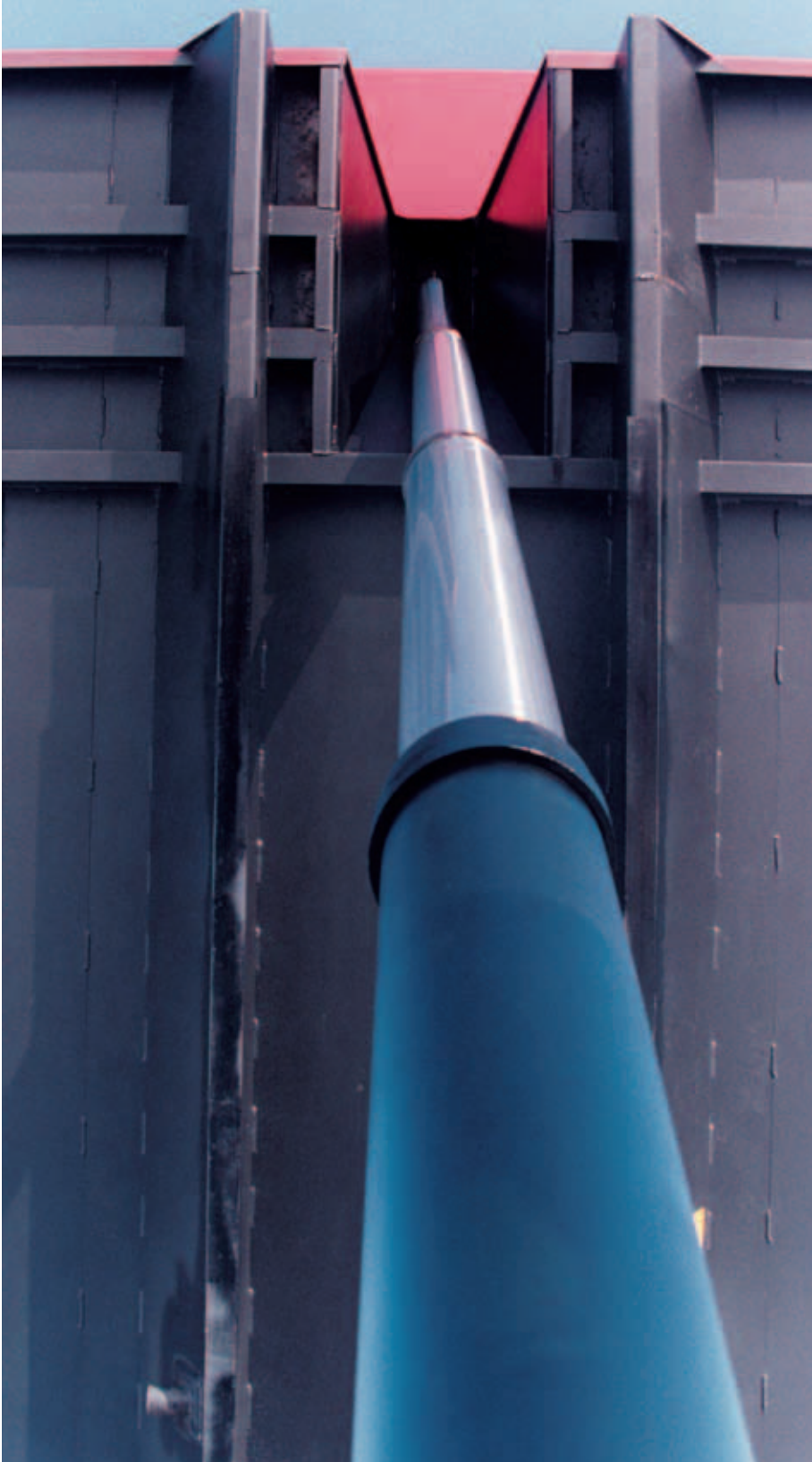


# CRYSTEEL



*Building the World's Best Dump Bodies & Hoists*

# Crysteel's Turbo Hoist: The Reliability Champ



The Turbo telescopic hoists feature quality cylinders with chromed stages that are designed to deliver fast cycles, more payloads, and greater stability with less weight.

Strength and stability features include reinforced upper and lower cylinder mounts and a full-width angle style rear hinge.

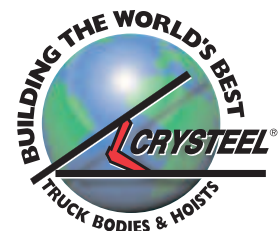
High-pressure, maintenance-free twin lip seals never need adjusting. Built-in wipers keep the cylinder surface and seals clean and free of damaging dirt, grit, and dust. The hydraulic system utilizes a direct mount gear pump for easy installation.

## **Excellent Stability**

The powerful Turbo Hoist lift is integral with the front, floor, and frame, minimizing body twisting and leaning, and providing excellent stability and long service life.

## **Ten Models**

The Turbo Hoist is available in ten models for dump bodies 9' to 21'6" (with at least a 50° dump angle) for load capacities from 25 to 62 tons. Add Crysteel's quality hydraulics and full warranty—the industry's best—and you have the most dependable telescopic hoist on the market.





## Standard Features

- Direct mount pump/valve combination.
- Chrome-plated cylinders.
- Outside-the-frame reservoir with sight gauge.
- High-strength 1<sup>3</sup>/<sub>4</sub>" (on 9'-12') pins top & bottom.
- Easy-access doghouse and reinforced top and bottom.

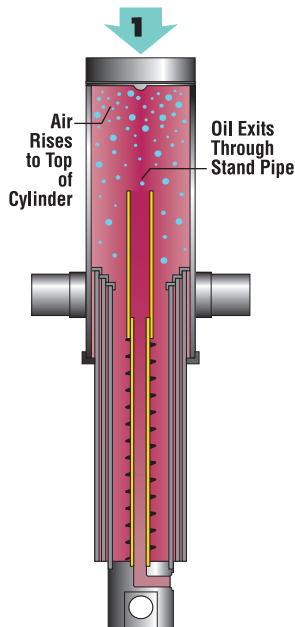
The Turbo hoist is offered in 10 models, for 9' to 21'6" bodies, and is backed by Crysteel's full warranty, the industry's best.

## Optional Features

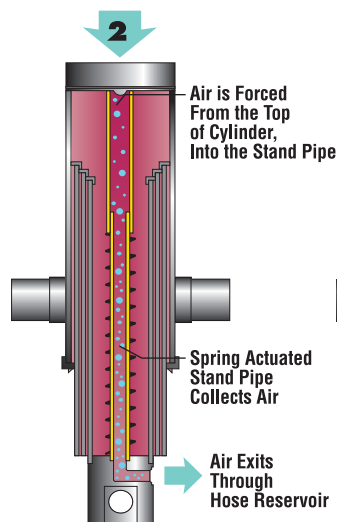
- Dual lever control with sealed cable
- Air shift control
- Return line filter kit
- Doghouse kit shipped loose
- Removable rear hinge pins
- Full-length subframe
- Doghouse-mounted reservoir
- Remote underbody stabilizer
- Automatic transmission package
- Composite bearings & rear hinge
- Removable rear hinge

## Auto-Bleed™ Cylinders

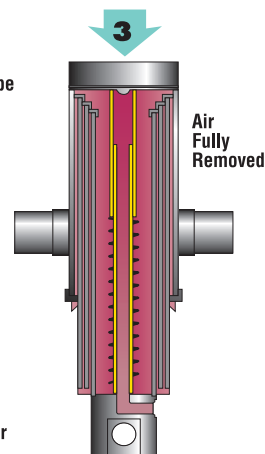
### Cylinder Retracts



### Cylinder Nears End of Stroke



### Cylinder Retracted



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

## TURBO HOIST SPECIFICATIONS

	T5380	T5398	T53114	T63113	T63131	T63148	T73129	T73147	T74167	T74191
<b>NTEA Performance Class</b>	60	70	70	110	110	120	120	120	120	120
<b>Number of Stages</b>	3	3	3	3	3	3	3	3	4	4
<b>Active Stage Sizes (in.)</b>	5, 4, 3	5, 4, 3	5, 4, 3	6, 5, 4	6, 5, 4	6, 5, 4	7, 6, 5	7, 6, 5	7, 6, 5, 4	7, 6, 5, 4
<b>Total Stroke (in.)</b>	80	98	114	113	131	148	129	147	167	191
<b>Cylinder Rated Pressure (PSI)</b>	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
<b>Std. Pump GPM @ 1000 RPM</b>	10	15	15	20	20	20	25	25	25	25
<b>Std. Reservoir Size (gal.)</b>	16	16	16	28	28	28	40	40	40	40
<b>Recommended Body Length (ft.)</b>	9-10.5	11-12.5	13-14.5	13-14.5	15-15.5	16-17.5	15-15.5	16-17.5	18-19.5	20-21.5
<b>Approximate Weight (lbs.)</b>	713	817	840	867	900	930	1010	1042	1096	1128

## TURBO LOAD CAPACITY IN TONS\*

Turbo Model	NTEA Class	Body Length (ft.)												
		9**	10	11	12	13	14	15	16	17	18	19	20	21
<b>T5380</b>	60	25.2	25.2											
<b>T5398</b>	70			26.3	22.8									
<b>T53114</b>	70					23.9	21.3							
<b>T63113</b>	110					42.0	37.6							
<b>T63131</b>	110							38.1						
<b>T63148</b>	120								39.8	36.6				
<b>T73129</b>	120							59.3						
<b>T73147</b>	120								62.1	57.1				
<b>T74167</b>	120										41.4	38.4		
<b>T74191</b>	120												40.7	38.1

Specifications subject to change.

\* Assumes water-level load, 50° dump angle and includes body weight

\*\*Has 6" overhang. All others with 12" overhang.

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



Direct-mount pumps are quality engineered by Crysteel for top performance.



### CRYSTEEL MANUFACTURING, INC.

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