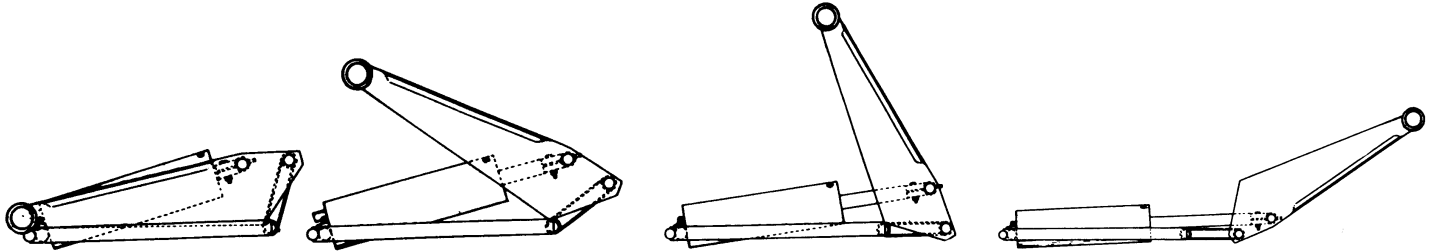


Dewey Hoist

Wagon / Trailer

See us on the Internet: www.deweyhoist.com

High Quality, Performance, Efficiency, Strength, & Dependability



Unique 'Advantage Linkage' increases the lifting power at the beginning of lift.

The centerline of the cylinder is at 90° to centerline of hinge point which gives maximum lifting power at the start of the lift where it is most needed.

Note ratio of lift to piston travel is increasing to maintain the most efficient leverage as hinge point is gradually changing.

Hinge point has changed smoothly as load continues to raise, permitting the lifting action to continue at maximum power & efficiency.

Hinge point has moved to give maximum height. Note the extremely high lift obtainable by using the 'Advantage Link'.

Only Dewey Hoists have the 'Advantage Linkage'!

The 'Advantage Linkage' allows the Dewey Hoist to lift heavier loads with less hydraulic pressure. The linkage actually increases the lifting power of the hoist from 20 – 50% during that difficult first few inches of rise. This means that for a hoist rated at 10 tons it may develop over 12 tons in the beginning. The linkage also allows us to produce the highest lift and lifting angles possible without sacrificing power. This insures that your load will dump where you want and when you want. Our standard hoist may lift higher than the competitors "Hi-Lift" models. The 'Advantage Linkage' also allows the hoist to be placed as far back as possible in the trailer frame without interference with the axles.

Now THAT's an ADVANTAGE!

Designed Just for Trailers

Our trailer hoists are the only dump hoist designed specifically with the high lift necessary for trailer applications. There is nothing hanging under the trailer to hang up or be damaged. We can supply complete trailer hoist kits including Frame, Cylinder, Brackets, and 12V pump.

Specifications	Dewey Trailer Hoist Models				
	H-4	H-5	SBH-5	HBH-5	TBH-5
Ton Capacity (max.)	5	5	6	6	10
Box Length	8-10 ft.	8-10 ft.	8-12 ft.	10-12 ft.	10-14 ft.
Cylinders Required	1	1	1	1	2
Cylinder Bore X Stroke	4 X 13	5 X 14	5 X 14	5 X 14	5 X 14
Cylinder Action	Single	Single	Single	Single	Single
Height Collapsed	10 in.	10 in.	10 in.	11 in.	11 in.
Height Extended	55 in.	58 in.	66 in.	84 in.	84 in.
Operating Pressure	1750 psi.	1500 psi.	1500 psi.	1500 psi.	1500 psi.
Oil Capacity (pump)	4.5 qt.	4.5 qt.	5 qt.	5 qt.	5 qt.
Bracket Kit (optional)	BHK-70	BHK-70	BHK-71	BHK-72	BHK-73
Ship Weight Hoist	122#	134#	176#	218#	359#
Ship Weight Bracket Kits	27#	27#	40#	47#	56#

Chart Based on the following conditions:

1. Load being equally distributed in box
2. Operating pressure is correct.
3. Hoist is mounted as per the instructions.