

# Chute Hoists



## THE BOLT DOWN FRAMES

- model SC-250-bd
- model SC-500-bd
- model SC-750-bd
- model SC-1000-bd
- model SC-1500-bd

Our most popular hoist.

Can be installed on flat roofs, floor slabs, and through window openings.

Secure it to the floor with 2 anchor bolts or a set of counterweights.



Support frame features a 3:1 safety factor.

[360° View with Chute](#)  
(without fishpole)

Model SC-500-bd shown with fishpole  
US Patent 5,934,437 • CND Patent Application 2,177,741

Five models are available to lift & support up to:

- 250 lb. of chute
- 500 lb. of chute
- 750 lb. of chute
- 1000 lb. of chute
- 1500 lb. of chute

The length of chute that a hoist can support depends on the weight of the sections used. A section's weight is determined by its diameter, design & thickness. Height limits will be further reduced if steel liners are installed.

## Frames in Action!



Picture courtesy of John Caneda, Hawaiian Dredging Construction Company.

**Model SC-750-bd**  
On the Hilton Hawaiian Village Project



**Piggybacked Frames**  
One frame every few floors  
Click on the picture to see the full building



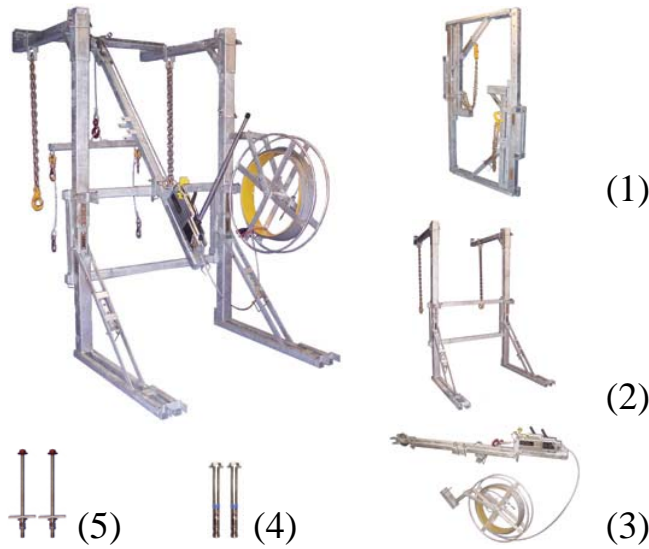
A frame working from the roof

[Click here for Counterweight Kits](#)

[Click here for Factory Approved Anchor Bolts](#)

[Click here for an Installation Video](#) (High speed connection required) 

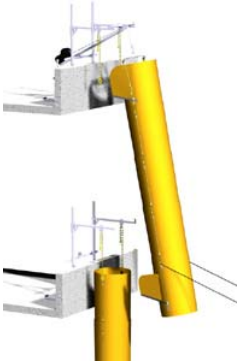
## Overview of the 750 lb. & 1000 lb. capacity frames:



1. The frame ships and stores as a neat, compact rectangular packet. No loose pieces.
2. Assembles in 5 minutes with 6 locking pins.
3. Quickly raise & lower the chute with a handy Fishpole.
4. Built-in storage tubes on the frame hold 2 single use expansion anchor bolts (Power-Bolt<sup>®</sup> model 6945 or Hilti<sup>®</sup> model HSL 3 M12/50).
5. Thru-Bolts can be used if the floor is not suitable for expansion anchor bolts.

## Piggybacking:

On jobs where a taller chute is needed, frames can be piggy-backed on successive floors to achieve a maximum chute height of 200 ft. If you need to go higher than 200 ft., please contact the Superchute<sup>®</sup> factory for further guidance.



For buildings that are growing skywards the piggy-back arrangement may be the only practical installation method.

Piggybacking allows the chute to be lengthened quickly, without disturbing segments that have already been installed. As the building rises an additional frame is installed on the new floor.

Using the Fishpole or a crane, a length of chute is raised, chained to the frame, then mated to the chute already in use below.

A piggy-back arrangement will allow door sections to be more easily aligned with window openings.

## Details of individual frame models:

Model SC-250-bd

[Click here for additional views & specs.](#)

Package	Includes	Weight
A	Frame + Spreader Bar + Anchor Bolts	110 lb.
B	Fishpole unit with drum winch & 90' cable	70 lb.
250-X	Fishpole unit with traction winch & 150' cable	95 lb.
C	A + B = COMPLETE BOLT DOWN FRAME	180 lb.

Model SC-500-bd

[Click here for additional views & specs.](#)

Package	Includes	Weight
A	Frame + Spreader Bar + Anchor Bolts	215 lb.
B	Fishpole unit with drum winch & 90' cable	75 lb.
500-X	Fishpole unit with traction winch & 150' cable	95 lb.
C	A + B = COMPLETE BOLT DOWN FRAME	290 lb.

**Model SC-750-bd**

[Click here for additional views & specs.](#)

Package	Includes	Weight
A	Frame + Spreader Bar + Anchor Bolts	255 lb.
B	Fishpole unit with traction winch & 150' cable	115 lb.
C	A + B = COMPLETE BOLT DOWN FRAME	370 lb.

**Model SC-1000-bd**

[Click here for additional views & specs.](#)

Package	Includes	Weight
A	Frame + Spreader Bar + Anchor Bolts	295 lb.
B	Fishpole unit with traction winch & 150' cable	115 lb.
C	A + B = COMPLETE BOLT DOWN FRAME	410 lb.

Bolt Down Frames are designed to meet or exceed the requirements of OSHA, Part 1926-500/501/502, Subpart M & Appendix B, Fall Protection.

**WARNING!** The information provided here is not a substitute for the installation manual that accompanies every hoist order. Read & understand the installation manual that is provided with the chute hoist before installing or using it.