

# Peerless Trough Hoist

## APPLICATION

The Peerless Trough Hoist is used to raise, dump and lower dough troughs for feeding final mixers, dough dividers, or overhead forming equipment.

## FEATURES

- Designed to handle various sizes and capacities of dough troughs (up to 12 feet)
- Fully guided stainless steel carriage with heavy duty lifting chains
- Safety chain combined with ratcheting mechanical lever arm locks the movement of the hoist in the unlikely event of lifting chain failure
- Push button controls with three position built-in limit switches
- Sanitary design to prevent dough contamination
- Structural components constructed of carbon steel coated with FDA food rated protective coating. Overhead transmission shaft constructed of nickel plated carbon steel
- Stainless steel electrical enclosure rated to NEMA 12 and wiring for 3,200 lbs
- Lifting chains mounted and guided inside of hoist pillars and driven by sprockets attached to transmission shaft
- The carriage guide track assembly features v-groove rollers for accurate alignment, prolonging component service life
- Double bearing supported transmission shaft reduces overhung loads on gearmotor and increases working life of the machine.



Trough Hoist Model	TH4	TH6	TH8	TH10	TH12
Length of Dough Trough	4'-0"	6'0"	8'0"	10'0"	12'0"



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## Options

- Power connection and controls may be mounted to either hoist pillar
- Customized tilt/dump requirements
- Build trough(s) for use with hoist
- Stainless steel dough chute
- Stainless steel construction of structural components
- \*\*Note the transmission shaft is not stainless\*\*
- NEMA 4x Electrical Enclosure suitable for equipment washdown

## Specifications

- Lifting Capacities Up to 3,200 lbs.
- Trough Length Up to 12 feet
- Electrical 460 V, 3 phase, 60 Hz
- Motor Integrated gearmotor with manual brake
- Lift rate of up to 4.5 in/sec

