

MAKE THE
SMART CHOICE

WITH THE *SDS* **SPEED HOIST**

SIMPLE SETUP

KNIGHT'S NEW SPEED HOIST utilizes the simplest handle setup to ensure that the operator can control the hoist with minimal training.



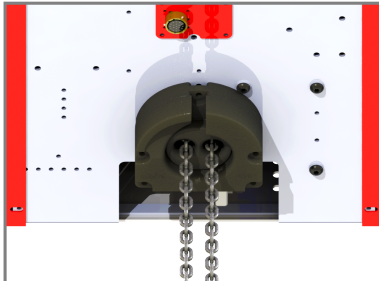
SAFETY DROP STOP

The SPEED HOIST comes equipped with many of the same features as Knight's traditional SDS Servo Hoist, and is also more user-friendly!



SPEED HOIST

Specifications and Features

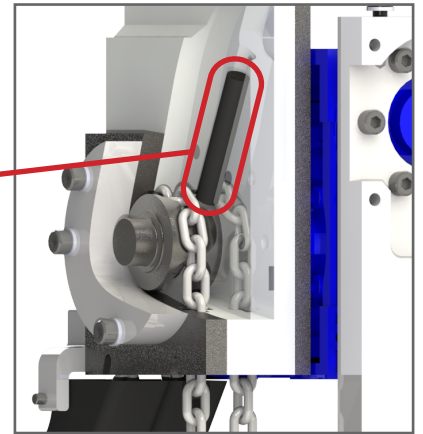


Load & Safety Chain
underside of hoist

This hoist features Knight's patented Safety Drop Stop (SDS) system. This system features dual chains, one to carry the load, and the other for safety and redundancy.

Chain Lube Stick
inside of gear tower

A drop-in graphite stick inside of the gear tower of the hoist ensures that the two chains stay lubricated for longer life. Replacements sticks can be ordered separately (Part #: KSHD1017).



Model Number*	Max. Capacity	Max. Speed
KSH200SS - XXXX - 006	200 lbs. [90 kg]	241 fpm. [73.5mpm]
KSH400SS - XXXX - 006	400 lbs. [181kg]	120 fpm. [36.5mpm]
KSH750SS - XXXX - 006	750 lbs. [340kg]	150 fpm. [45.7mpm]
KSH1000SS - XXXX - 006	1000 lbs. [453kg]	105 fpm. [32mpm]

*XXXX = 2401 or 4803 for 240VAC or 480VAC, respectively.

Mechanical Features

- Redundant chain design for safe operation-
 - Load Chain (Carries the load.)
 - Safety Chain (Rides along for redundancy.)
- Knight's Patented Chains, for longer life.
- Knight's redundant chain guides.
- Two buckets to keep chains separated.
- Chain Length: 12 to 18 ft. Standard.
- Sealed Worm Style Gearbox.
- Speeds up to 241 fpm. [73.5mpm] or 50 ips. [1.27m/s].
- Maximum Lifting Capacity:
Up to 1000 lbs. [453kg]

Electrical Features

- 240VAC Single Phase input power or 480VAC 3 Phase input power.
- Analog Up/Down Thumb Switch
- LED Fault Indicator and Run-Stop button, Twist-to-Release functionality
- Ethernet Port allows access to Knight Servo Studio for programming and Diagnostics

Software Features

- Knight Servo Studio provides user optimization of hoist parameters.
- Analog switch provides graduated movement as well as acceleration and deceleration of the hoist.
- Analog switch can also be configured to provide:
 - Full Analog speed control
 - Multi-step digital control.
- Several user parameters allow for easy custom setup of height, slow down zones and speed control of the hoist.

— CONTACT US FOR MORE INFORMATION —



248.377.4950



INFO@KNIGHTGLOBAL.COM



WWW.KNIGHTGLOBAL.COM