ELECTRIC HOISTS

AT A GLANCE

WHAT IS AN ELECTRIC HOIST?

Electric hoists can be designed to use chain or wire rope, and use an electric motor to turn gears located inside the hoist that lift or lower the load. Electric hoists are controlled by pushbutton pendant or radio controls.

Electric hoists are typically hard-wired into the crane's electrification system and utilize 220v/440v or 230v/460v. Light duty electric hoists can utilize 110v and plug directly into a standard outlet.

APPLICATIONS

Electric hoists can be used in a variety of applications and come in numerous types and configurations, but are limited by duty cycle and can't run continuously. The electric motor in the hoist requires a cooling-off period in between uses to ensure that the motor doesn't overheat.

TYPES

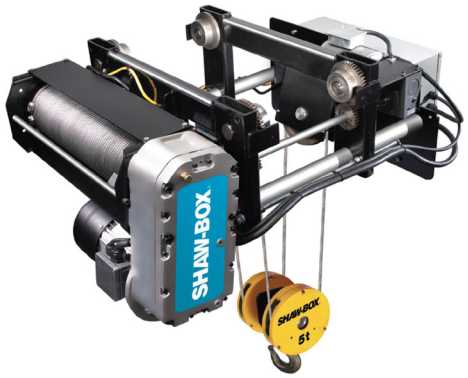
Electric Chain Hoists

- Ideal for manufacturing, power generation, and industrial facilities
- Come in a number of different configurations with different options
- Consider the following when determining the hoist duty cycle, number of lifting speeds, and environment in which it will be used:
  - Lifts per hour
  - Capacity at which you are lifting
  - Amount of time the hoist is in operation

Electric Wire Rope Hoists

- Ideal for industrial, hazardous, spark-resistant, and many other applications
- Light and heavy duty models are available
- Preferred for strength and performance and variety of capacities and lifts

Electric Chain Hoist



Electric Wire Rope Hoist

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