



POINT HOIST—VTPH1220

The Vortek® point hoist is unique in its versatility. Vortek® point is lightweight, self-contained, portable and rugged. Vortek® point hoist modules can be attached to a single I-beam (replacing chain hoists), or wheeled to a position on the grid, with dual - zero fleet angle lift lines dropping directly out of the unit. Vortek® point hoist modules can be positioned or mounted in either of two directions. Each hoist module comes equipped with two lift lines for a variation of different configurations and uses. Vortek® point is offered as a point hoist module that can be integrated into VAC™'s sophisticated Pro Series control system. Pro Series control allows these hoists to accomplish full grouping, cuing, load profiling and all other Pro-Control functions along with the rest of the Vortek® rigging system. They can also be quickly set up in single or multiple hoist module configurations and controlled through Vortek's basic "push button" S series control system. Vortek® point is safer than competing chain hoist or point hoist systems as Vortek® hoist modules come equipped with patented Vortek® load brakes. The load brake is standard equipment on every Vortek® hoist module. Load profiling is available for all Pro-Series point hoists, and for S series point hoists, simple total underload and overload detection is available as an option. Vortek® point can be used as a chandelier hoist, and it is portable enough to be taken on the road for various types of event rigging.

PRODUCT FEATURES

- SPEED & LIFTING CAPACITY:** 0–20 ft/min at up to 1200 lbs of lifting capacity
- TRAVEL DISTANCE:** Standard Travel (vertical and horizontal mounts) 62' and 100' available)
- WIRE ROPE:** Available in both 3/16" and 1/4" GAC

POINT HOIST – VTPH1220 (CONTINUED)

SAFETY



Every Vortek® hoist comes equipped with dual braking systems. A continuously engaged, strictly mechanical load brake and an electro-magnetic motor brake rated at a minimum of 150% of the motor's rated torque.



I-Batten® technology for overload and underload detection. Detect weight imbalances as low as 3 lbs of variance between pre-set, "profiled" loads and actual loads. The control system reads individual weight to avoid picking up unexpected weight (snagged curtains) or driving scenery into the floor potentially crushing an object below.



Two levels of limit switch protection in both the up and down direction. In addition to the multiple user configurable soft limits, Vortek® delivers Redundant (2) upper hard struck limit switches - Redundant (2) lower hard struck limit switches.



Emergency Stop Button: Independently wired, Standard with every control system.

1. Glass filled Nylatron™ drum features helical grooves which guide lift lines to ensure positive tracking and avoid "pile winding" wire rope.
2. Every Vortek® hoist system is built to lift line standards of 10:1 design factor.

NOISE RATING

1. Acoustical barrier significantly lowers audible noise from escaping the enclosure. 6 decibels over ambient noise level with no outstanding frequencies. (Test data can be found at www.vortekrigging.com/projectcentral).

ELECTRICAL

1. Power wiring is installed in a common buss system with flush mount receptacles for ease of connection to each Vortek® hoist.
2. The power pigtail cords are equipped with clip locking connectors to connect 3-phase 200-240 or 380-480 VAC™ +/- 10%, 50/60 Hz power to each Vortek® hoist module as specified in the system riser drawing. (If required Wireways provided by Vortek®) Hoist motor horsepower varies with speed load requirements, factory will advise accordingly.