**Explosion Proof Unit**

### MODEL DATA
- **Load Capacity**: 6000 lb
- **Lifting Speed**: 150 ft/min
- **Number of People**: 30

### CAR DIMENSIONS
- **Interior W x L x H**: 4' 11” x 12’ 2” x 7’
- **Car Door Opening W x H**: 4’ 11” x 6’ 2”
- **Base Enclosure W x L x H**: 9’ 2” x 13’ 11” x 11’ 10”
- **Mast Length**: 4’ 9”

### ELECTRICAL & UTILITIES
- **Power Supply**: 480V, 3p, 50/60Hz, 1000A
- **Motors**: 2 x 50HP, 3 x 15HP
- **Variable Frequency Controller**: 75kW

### PURGE DETAILS
- **Enclosure Size**: 5’ x 5’ x 1.2’
- **Air**: Min. 60 PSI, Max. 120 PSI

### WEIGHTS
- **Car Only**: 5300 lb
- **Motors**: 2 x drive 2090 lb, 3 x drive 2860 lb
- **Purge Panel**: 1000 lb
- **Mast Weight Each**: 530 lb

### BASE UNIT DESCRIPTION
- The following components are included in the base unit package:
  - Completely assembled, enclosed car
  - Over-Speed governor
  - Emergency lowering device
  - Buffer springs
  - Motor and purged base control panel with hand lever controller
  - Power cable trolley
  - Base fence enclosure
  - Limit and control switches
  - 20 ft. of tower for zero lift height

### FOUNDATION INFORMATION
- Reinforcement: #5 bars, 10” spacing both ways bottom mat
- Note: Soil bearing capacity - 2000 lbs/ft²
- Concrete pad 10’ W x 14’ 5” L x 10” thick
The hoist tower is attached to the structure and stabilize with special telescoping tie-in assemblies, place at 30 ft intervals. Each tie-in requires only two mounting plates on the structure, either on a vertical (wall) or horizontal (floor) surface. Length is indefinitely adjustable between minimum and maximum specifications.

G.A. or Foundation are available upon request.