

## ACPM Elevator Traction Machines

Imperial Electric Frame 570 machines feature an extended chassis and a heavy duty outboard bearing support to easily accommodate the special load characteristics required for double-wrap roping configurations. With a maximum sheave shaft load of up to 33,700 pounds, power ratings to 55HP, and dual-coil, independent brakes applying Ft-lbs brake torque per side, these machines offer 2,750 pound capacity roped 1:1 or 5,000 pound capacity roped 2:1 with maximum speeds of 1200 and 800 fpm respectively.



### SPECIFICATIONS

- Capacity: 2,750 pounds (1:1) or 5,000 pounds (2:1)
- Speeds ranging from 100 to 1200 fpm 1:1 roping
- Speeds ranging from 100 to 800 fpm 2:1 roping
- U-groove, 20-inch diameter sheave
- 12, 1/2" grooves for up to 6, 1/2" ropes, double wrap

### FEATURES

- Precise acceleration, deceleration, and contract speed control
- Low noise, highly efficient
- Compact and Green - no oil lubricants
- Direct drive (no gears)
- Totally enclosed, self-cooling, no fan required
- Independent brake system holds 125% rated capacity
- Complete hardware package eliminates on-site engineering calculation and fabrication of heavy base and beam structures
- Sub-base with secondary sheave options
- Machine weight: 3,000 pounds
- Heidenhain ECN1313, 2048 ppr encoder provided

### APPLICATIONS

- New construction and modernization
- 1:1 and 2:1 roped installations, double-wrap

### 570-OB ACPM

#### Dimensional Diagrams

