



Imperial Electric®

Nidec

All for dreams

FRAME 500 Series: 570-XL

Double Wrap

SPECIFICATIONS

- Capacity: 3,500 pounds (1:1) or 6,500 pounds (2:1)
- Speeds ranging from 100 to 800 fpm 1:1 roping
- Speeds ranging from 100 to 700 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: 3,800 pounds
- Heidenhain ECN1313, 2048 ppr encoder provided
- UL/CSA CUS Certified

APPLICATIONS

- Modernization and new construction
- 1:1 and 2:1 roped installations, double wrap
- Sheave shaft load in 45,000 lbs
- Suspended load is 22,500 lbs - double wrap

Imperial Electric Frame 570-XL 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 45,000 pounds and dual-coil, independent brakes applying Ft-lbs brake torque per side, these machines offer 3,500 pound capacity roped 1:1 or 6,500 pound capacity roped 2:1 with maximum speeds of 800 and 700 fpm respectively.

