

Specifications Sheet

Netting Professionals, LLC

#60 Nylon Batting Tunnel Netting
with Motorized Bottom Lift System



MATERIALS

A. Netting:

- a. Yarn / Thread Type: 100% Twisted Knotted nylon
- b. Factory Procedure: Black UV Bonded fibers
- c. Weight: 0.065 lbs per square foot
- d. Twine size: #60
- e. Minimum Break Strength: 650 lbs
- f. Net Mesh size: 1-3/4" square mesh
- g. Lacing Cord: #84 braided black UV resistant Nylon cord 800 lb tensile
- h. Rope edging: 3/8" black High Tenacity Polypropylene HTPP
- i. Triple stitch edge seams
- j. Double flap 5' pro wrap door at specified locations
- k. 6' Rope pigtailed at ends of cage as required
- l. Intermediate roof ropes as required
- m. Vinyl hems and D ring stitching per motor curtain requirements (details in section C below)

B. Cabling (for main roof / permanent netting):

Cable and connection hardware that complies with:

- a. 1/4" T304 Stainless Steel Aircraft cable 7 x 19 construction
- b. Galvanized screw pin anchor type shackles
- c. ZP Steel Sliding clips for netting suspension to cable
- d. Galvanized malleable wire rope clips
- e. Galvanized steel wall plates at cable termination points
- f. 1/2" RedHead Expansion wall anchors for grout filled concrete block mount
- g. 1/2" Hex Head Cap bolts for anchor / plate mount
- h. 1/2" x 12" Galvanized turnbuckles at cable bridal as required
- i.

C. Movable Netting Specifications:

Netting shall be raised/lowered via 1/8" (7x19) galvanized aircraft cables that weave through SS D Rings stitched to vinyl. D Ring row spacing shall be on approximately 10' centers. Bottom end of cables are permanently swaged around a 1-1/4" batten pipe in the bottom sleeve curtain pocket. Upper end of cables terminate at individual cable drums which will be located directly above each D Ring row.

Top of curtain shall be supported by a 1-1/4" batten pipe that is concealed in the upper sleeve curtain pocket and extends the entire length of the curtain. The batten pipe is attached to the overhead continuous drive system via 3/16" adjustable chains and 3/16" quick link at the bearing plates on approximately 10' centers.

D. Drive and Motor System Specifications

Bottom lift drive system shall be constructed with a continuous frame system that bolts together as one entire system over the entire length of the curtains or with individual bearing plates as dictated by structural conditions. Winch shall be driven by a 3/4 HP 115V, C-Face motor with

automatic overload protection and bolted to a double output, 60 to 1 ratio worm gear reducer with up/down safety limit switches and momentary key switch.

Drive system shall be secured to the overhead roof structure on approximately 10' centers by means of beam clamps, threaded rods, adjustable chains or additional support steel as dictated by actual structural conditions.

- E. Electrical Requirements:
 - Electrical wiring for power to motors and key switch controls by others
 - Calibration and stop limit adjustments by Netting Professionals