



TRACK BY TRU-ROLL™ - SPECIFICATIONS

Assemblies shall be TRU-ROLL Track. Individual specifications are as follows...

No. 1000 Straight Track

Track channel shall be 14 gauge (2mm) roll-formed galvanized steel with drop flange construction. Supports for track shall be provided on 5'-0" (1524mm) centers. Track pulleys shall incorporate 5 1/2" (140mm) diameter, molded nylon 6/6 sheaves with ball-bearings and 11 gauge (3mm) cold-formed steel side plates. Master carriers shall be 4-wheel truck type with steel body unit. Track carriers shall be provided for standard (rear fold) operation, with a neoprene bumper at top of nylon 6/6 body to ensure automatic alignment with adjacent carriers. Carrier design shall incorporate fin guided bodies of molded nylon with a pair of neoprene-tired (ball-bearing nylon) wheels riveted parallel to the body. Carriers shall be furnished at 12" (305mm) on center, with heavy duty swivel and trim chain for drapery attachment. Floor block shall maintain proper tension on operating line of 3/8" (10mm) diameter stretch-resistant bell cord with bronze wire center.

No. 1200 Straight Track

Track channel shall be .075" (2mm) semi-hollow aluminum extrusion with drop flange construction. Track pulleys shall incorporate 1 7/8" (48mm) diameter, molded nylon 6/6 sheaves with ball-bearing axles and 14 gauge (2mm) cold-formed steel housings. Supports for track shall be provided on 4'-0" (1219mm) centers. Track carriers shall be provided for standard operations, with a molded nylon bumper at top of carrier body to ensure automatic alignment with adjacent carriers. Master carriers shall be 4-wheel truck type with steel body unit. Carrier design shall incorporate fin-guided bodies with steel rivet axles. Carriers shall be furnished at 12" (305mm) on center, with heavy duty swivel and trim chain for drapery attachment. Floor block shall be spring loaded for proper tension. Operating line shall be 1/4" (6.4mm) diameter stretch-resistant bell cord with bronze wire center.

No. 2000 Truss Track

Track construction shall consist of two (2) parallel 1 1/4" O.D. x .049 wall (32mm x 1.2mm) steel tubing strong-backs, rolled to radii as specified. Carrier rails shall be parallel "C" channels, fabricated from galvanized 14 gauge (2mm) steel, concentrically roll formed to match strong-backs. Carrier rails shall be supported from tubing by precision aluminum castings spaced at 30" (762mm) maximum. Supports for track shall be provided on 5'-0" (1524mm) centers. Master carriers shall be four wheel construction, with articulating pivot device joining two precision cast aluminum bodies. Nylon idling rollers shall be mounted within casting supports and maintain operating lines inside track envelope. Carrier design shall incorporate fin-guided nylon 6/6 bodies with neoprene-tired (ball-bearing nylon) wheels riveted parallel to the body. Track carriers shall include an integral neoprene bumper at top of body to ensure automatic alignment with adjacent carriers. Carriers shall be furnished at 12" (305mm) on center, with heavy duty swivel and trim chain for drapery attachment. Floor block shall provide proper tension on operating line of 1/4" (6.4mm) diameter nylon-coated wire rope (stretch-resistant bell cord with bronze wire center.)

No. 2200 Truss Track

Track construction shall consist of two (2) parallel 5/8 O.D. x .049 wall (16mm x 1.2mm) steel tubing strong-backs, rolled to radii as specified. Carrier rails shall be parallel "C" channels, fabricated from

.075" (2mm) aluminum extrusion, concentrically roll formed to match strong-backs. Carrier rails shall be supported from tubing by precision aluminum casting spaced at 24" (610 mm) maximum. Supports for track system shall be provided on 4'-0" (1219 mm) centers. Master carriers shall be four wheel construction with precision cast aluminum bodies. Nylon idling rollers shall be mounted within casting supports and maintain operating lines inside track envelope. Carrier design shall incorporate fin-guided nylon 6/6 bodies with nylon wheels and steel axles. Track carriers shall include an integral nylon bumper at top of body to ensure automatic alignment with adjacent carriers. Carriers shall be furnished at 12" (305mm) on center, with heavy duty swivel and trim chain for drapery attachment. Spring loaded floor block shall maintain proper tension on operating line of 3/16" (5mm) diameter nylon-coated wire rope.

No. 2300 Cyclorama Track

Track strong-back shall be 1 1/4" O.D. x .049 wall (32mm x 1.2mm) steel tubing, roll-formed to specifications. Carrier rails shall be parallel "C" channels, fabricated from 14 gauge (2mm) aluminum extrusion, concentrically roll formed to match strong-back. Rail supports shall be spaced at no greater than 24" (610mm). Supports for track shall be provided on 4'-0" (1219 mm) centers. Master carriers shall be four wheel construction, with nylon-coated wire rope pull line and welded 3" (76mm) diameter steel ring at floor level for walk along operation. Carrier design shall incorporate fin-guided nylon 6/6 bodies with nylon wheels and steel axles, with molded nylon bumper at top of carrier body to ensure automatic alignment with adjacent carriers. Carriers shall be furnished at 12" (305mm) on center, with heavy duty swivel and trim chain for drapery attachment. End stops shall be installed at all open track ends to prevent leader over-travel.

No. 2500 Cyclorama Track

Track strong-back shall be 2" O.D. x .049 wall (51 mm x 1.2mm) steel tubing, roll-formed to specifications. Carrier rails shall be parallel "C" channels, fabricated from galvanized 14 gauge (2mm) steel, concentrically roll formed to match strong-back. Rail supports shall be spaced at no greater than 30" (762mm). Supports for track shall be provided at 5'-0" (1524 mm) centers. Master carriers shall be four wheel construction with steel body, nylon-coated wire rope pull line, and welded 3" (76mm) diameter steel ring at floor level for walk along operation. Carrier design shall incorporate fin-guided, molded nylon 6/6 bodies, and neoprene tired (ball-bearing nylon) wheels riveted parallel to the body, and include an integral neoprene bumper at top of body to ensure automatic alignment with adjacent carriers. Carriers shall be furnished at 12" (305mm) on Center, with heavy duty swivel and trim chain for drapery attachment. End stops shall be installed at all open track ends to prevent leader over-travel.

No. 2900 Lift Curtain Rigging

Casting support shall be 2" O.D. x .049 wall (51 mm x 1.2mm) steel tubing, roll-formed to sizes as indicated. Supports for contour system shall be provided on 5'-0" (1524mm) centers. Lifting and mule-block sheave housings shall be precision aluminum casting with rated fasteners for attachment to tubing strong-back. Housing to include set screw to prevent rotation. Rigging sheaves shall be 2 1/2" (64mm) diameter, molded nylon 6/6 sheaves with ball-bearing axles. Lift-lines shall be independently muled around curved sections and leave tubing at a horizontal or vertical take-off pulley as required. Operation of lift-curtain shall be motorized, with lift lines individually terminated at a horizontal sliding arbor or cable guided clew as required. (Operation of lift-curtain shall be locking gear box with drill motor) (Operation of lift-curtain shall be by hand crank winch.)