



Quality Fence Builders

“Fast-Trac”

Aluminum Cantilever Gate System

FENCE GATES

A. Aluminum Cantilever Slide Gates

Slide gates shall be Aluminum Cantilever style. Gate sizes as shown on the drawings and shall conform to the following specifications:

1. Gate Frames: Fabricated in accordance with ASTM F 1184, Class 2, using 2 inch aluminum vertical frame members weighing 1.13 lb./ft, 2 inch x 4 inch aluminum bottom frame member weighing 1.73 lb./ft. The top track/frame member shall be a one-piece aluminum extrusion weighing a minimum of 4.62 lb./ft. for the original Fast-Trac™ and 7.95 lbs./ft. for the Twin-Trac™. Aluminum alloy used shall be 6061-T6 only. Internal uprights shall be 2-inch square aluminum spaced equally at no more than 6 feet o.c. subdividing the gate frame into panels. All members shall be welded to form a rigid one-piece gate frame unit. No bolt on type tracks will be allowed.
2. Fabric Filler: Shall match fence and be attached to the frame by means of hook bolts. Fabric shall be attached between each internal upright with hook bolts spaced no more than 15 inches o.c. as recommended by the manufacturer.
3. Trussing: Each bay shall be cross-trussed by means of 1/4” cable or 3/8” truss rods with adjustable turnbuckles. Trusses will maintain the structural integrity of the gate while allowing for expansion and contraction of aluminum during various weather conditions.
4. Truck Assemblies: Shall be swivel type, galvanized steel, with 6 factory-sealed and lubricated ball bearing rollers. Four main rollers shall be 2 inches diameter x 9/16-inch in width and two steel side rollers shall be 2 inches diameter x 7/16-inch in width to prevent lateral movement. Truck assemblies shall be mounted on post brackets using a 5/8-inch diameter swivel bolt.
5. Bottom Guide Wheel Assemblies: Two 3 inches diameter rubber wheels (one set) straddling the bottom horizontal gate rail shall be installed, one set on the gate post and one on the overhang post.
6. Stop Bracket / End Plug: After gate has been installed, both ends of the combination track/frame member shall be closed off with a shock absorbing plastic block that shall also serve as a stop bracket.
7. Hardware: Gate hangers, latches, brackets and guide assemblies shall be steel galvanized after fabrication. Positive latch device shall be provided with provisions for padlocking.
8. Posts: Gate posts, latch posts and overhang posts shall be 4 inches O.D. Schedule 40 galvanized pipe set in 12 inches x 36 inches deep footings or as recommended by the manufacturer. Concrete shall be troweled and sloped to shed water away from the posts.
9. Style: Style of gate frame shall be single, back-to-back or box frame, dictated by size of opening as recommended by manufacturer.

	<u>Single Gates</u>	<u>Double Gates</u>
Fast-Trac™	Up to 30 feet wide	Up to 60 feet wide
Twin-Trac™	Up to 50 feet wide	Up to 100 feet wide
Box Frame	Up to 60 feet wide	Up to 120 feet wide