

SurTrac[®] Aluminum Cantilever Gate System



**Strong
Reliable
Safe**

Customizable

- Specifications
- CAD Drawings
- Modular Assembly
- Automated or Manual Driven
- Technical Assistance



Performance by Design

1 Highest Yield Strength Top Track

– *Certified 6061-T6 Structural Aluminum*

This One Piece Extrusion is made of Certified 6061-T6 Structural Aluminum and does not require stitch welding which can affect the Top Track tensile strength. The SurTrac top track is 58% heavier and 40% stronger than competitors comparable top track. This high strength material allows us to build a gate that will stand up to the most severe commercial & industrial duty cycling.

2 Truck Assemblies

– *Tight bearing tolerances & high quality, equal smooth gate operation*

Heavy-duty body, stainless steel truck wheels 1/2" wide with 2" diameter industrial sealed bearings - 4 for vertical load bearing and 2 for horizontal stabilization. 5/8" stainless steel shoulder bolt is self aligning with nylock nut assembled onto a heavy duty steel Truck Bracket for a secure positive alignment of trucks in gate track, whether single or dual.

3 Bottom Rollers

– *Easy installation and adjustability*

Easy installation of an adjustable yoke bracket with two rollers, provides positive alignment for lower gate frame as gate cycles during usage.

4 Structural Corner Gussets

– *Increased Frame Strength and Rigidity*

Heavy Duty 1/4" aluminum gussets add frame strength & rigidity

5 Turn-Buckle Truss Adjustment

– *Infinite Adjustability for Perfect Gate Cycling*

The 3/8" x 6" long turnbuckles are designed to be "In-Line" with the Truss cable. The turnbuckle design is infinitely adjustable and each turn produces a level of fine adjustment not possible in truss rods adjustments that are 45 degrees to the gate frame.



6 Aircraft Cable Truss System

– *Shock-Absorbing and Low Maintenance*

1/4" galvanized 7,000 pound Break Strength truss cables take SurTrac Gates to a whole new level of maintenance free life cycling! They are resilient and able to absorb the constant shock of hard openings and closings. The new SurTrac design provides dual, diagonally opposing Truss cables for ultimate weight control and operational fine tuning.

7 Hook Bolts

– *Increased Security – Tamper proff fabric attachment*

5/16" high strength aluminum L shape hook bolt inserted into vertical and horizontal uprights, then eye is closed around tension rods in each gate bay securing the chain link fabric with an attachment system that is uniform in appearance and provides longevity.

8 Simple Counterbalance Splice

– *Bolted Splice Plate, No fabric Installation Required*

All SurTrac gates are UL 325 compliant with fabric installed in the counter balance (C/B). No wasted labor installing fabric in the field!

9 +1 Barb Arm Kit

– *Easy installation for added security*

Kit includes barb arm, bolts, barbwire. +1 Barb Arm is constructed of 2" square aluminum with cap is bolted to top of gate frame. For ease of shipment, +1 Barb Arm kits can be added in the field or installed at time of manufacture.

10 Hardware Kit

– *Complete hardware components*

Kit includes Bottom guide rollers with yokes, truck brackets with yokes, truck assemblies, Receivers for manual or electric operation.

30' – 50' Single Frame Design

– *No Bulky Expensive Double Box Frame Needed*

One of the outstanding features of cantilever gates is that they require less space to operate.

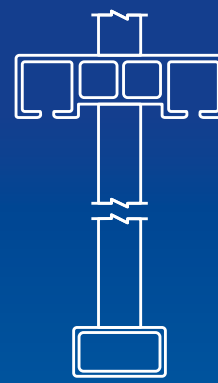


SurTrac® Aluminum Cantilever Gate Systems



Single Track

Single Gate
For openings
up to 30 ft. wide



Dual Track

Single Gate
For openings
30-50 ft. wide

No box frame
required for
gates up to
50 ft.



10



Product Offering:

Standard Sizes	Length: 10'-50'	Height: 6', 7', 8'
Barbed Wire:	Yes	These gates are designed to accept our Barbed Wire Kits. (See Below)
Hardware:	Yes	Hardware is sold separately as a Kit (See Below)
Gate Finishes:	Yes	Brushed Aluminum is the standard finish, but Black is available as well. Other colors available as special order

Accessories:

Hardware Kits	(All gates are sold without hardware. Hardware Kits ordered separately)
B05737	Electric operation using 4" OD post
B05739	Manual operation for 4" OD post
Kit Contents	Bottom guide rollers with yokes, truck brackets with yokes, truck assemblies, Receivers for manual or electric operation.
On electronically operated gates when a Miller Edge sensor is used on the end of the gate for obstacle sensing protection; an additional post is used in place of a receiver kit	

Barbed Wire Kits	(All Gates are Barbed Wire Ready and will accept Barbed Wire Kits)
P/N are determined by the number of bays:	
701278	Barb arm assembly for 4 bay gate – 20' or 24' opening
701276	Barb arm assembly for 5 bay gate – 30' opening
Kit Contents	Upright barb arms, barb wire, nuts and bolts to attach the upright barb arm and barb wire

Need to stock these gates but don't know which way they will need to slide... Try our "Reversible" design

Reversible Design:

Reversible Gate Sizes	20', 24', 30'
Configuration:	Gate comes in 2 halves; equaling the length of opening + counterbalance, allowing gate to slide either left or right.
Barbed Wire:	Yes The gate is ready to accept the Barbed Wire Kit.



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5 Year

Limited Warranty:

The SurTrac Cantilever Gate Systems is conditionally guaranteed for 5 years. For a copy the warranty, please visit www.masterhalco.com or contact your nearest Master Halco distribution center.

Drawings and Specs:

Drawings and specifications are available at www.masterhalco.com

Custom Engineering available upon request.

Also available:

- Gate Operators
- Chain Link Fence systems

Please visit www.masterhalco.com or contact your nearest Master Halco distribution center.



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