



TYPE B ROTO-GATE

PEREY TURNSTILES

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TYPE B ROTO-GATE



The Type "B" Roto-Gate is particularly suited for use out of doors where there are extremes of humidity, heat, cold and airborne caustics. It is also built to withstand extremes of abuse.

The Type "B" Roto-Gate is the toughest and most reliable galvanized full height turnstile made. It has...

- An Average 27 Year Service Life
- A Five-Year Warranty
- Minimal Maintenance Requirements

This turnstile was designed for security protection up to determined attack. This strength translates into decades of normal use and abuse in all kinds of weather. They are designed to be used by warehouse and office personnel and people of nearly any stature. A small person can turn the Rotor much more easily than a revolving door can be turned.

The Type "B" includes a non-welded construction that prevents people's breaking off arms. It employs malleable iron arm clamps that distribute throughout the rotor any force applied to the arms. Welded arms will break off at the center column because the weld alone must withstand all force.

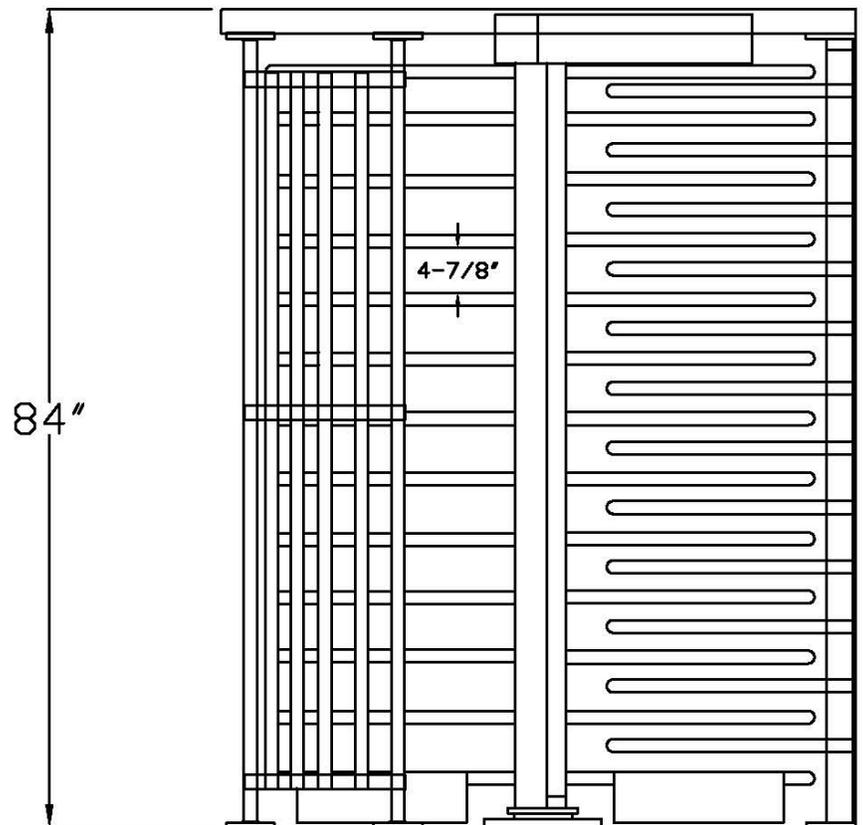
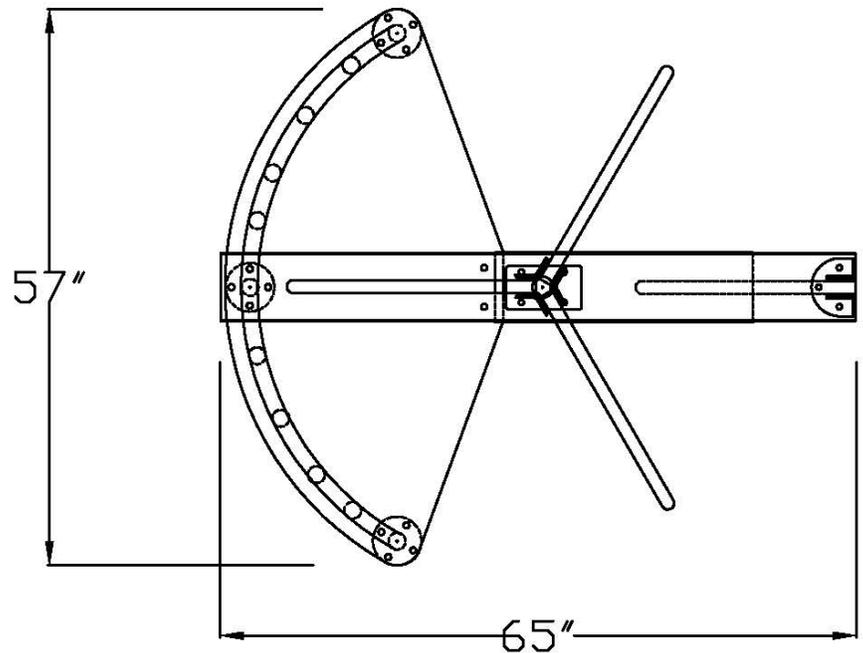
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The locking elements of the mechanism in these turnstiles are two ratchets and two locking pawls each made of 1.250 inch thick hardened steel. Combined, this means 2.5 inches of hardened steel prevents penetration.

Even our Bottom Bearing is perfectly suited to a production environment or area where salts are present from snow melting chemicals. In an acidic or gritty environment, a bottom bearing that includes sealed ball bearings will not survive. Acids will disintegrate the seal and destroy the ball races.

Our Bottom Bearing is a 1.5 inch thick by 12 inch diameter gray iron casting. A 1.5 inch diameter drill rod steel shaft thrusts through the Bottom Bearing and centers the Rotor onto its 6" diameter bearing surface. No ball bearings are needed.

The finish of the Type "B" is truly HOT-DIP GALVANIZED. Perey Turnstiles dips all Roto-Gate components into a 15 foot by 10 foot by 8 foot "kettle" of molten zinc to achieve the thickest and most durable weather resistant coating possible.



Short Form Specification

Weight: 785 lbs. Net - 815 lbs. Crated.

Mechanism: All steel and machined cast iron with two ratchets each 1.25" thick hardened steel. Two locking pawls also 1.25" thick hardened steel.

Arms: Hot dip galvanized steel tubing, wall thickness of 0.105" and 1.31" O.D.. Arm Ends Spun closed under heat and pressure, for a smooth safe finish. Heel Guards on Bottom Arms of Rotor "U" shaped sheet steel channels surrounding the lower arms and extending to the flooring.

Rotor and Barrier Vertical Members: 0.25" thick steel angles, hot dip galvanized. Arms are pinned into rotor with malleable iron clamps. Non-welded construction.

Vertical Passage Members: Tubing with 0.125" wall thickness and 1.00" O.D.. Hot dip galvanized.

Bottom Bearing: Machined Grey Iron Casting 1.50" thick, 12" diameter.



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