

7' HIGH FULL SECURITY TURNSTILE



SCOPE OF OPERATION

- The 3000-HGSS is used to permit unsupervised exiting/entry. The units will allow one or two way passage. Complete stainless steel construction is best suited for interior and exterior applications.
- The 3000-HGSS consists of rotor assembly, barrier section, mechanism housing and ceiling plate.
- Standard overall dimensions are 90" high, 64" wide, and 56" deep.

MATERIALS

All materials meet the ASTM standards as set forth by the materials industry.

- The rotor assembly consists of a 3" diameter 1/4" thick tube with arms attached.
- All arms are 1 1/2" round 11 ga. Stainless steel tubing, type 304. Each arm has a rounded and spun closed, ground and polished end. Arms are mechanically fitted over solid 1 3/8"x6" spigot. No welds.
- The shield assembly is constructed from three horizontal stainless steel channels 5/16" thick with 9 vertical 1 1/4" stainless steel tubes.
- The barrier post is constructed from 3" square 11 ga. Stainless steel tubing, with stainless steel 1 1/2" 11 ga. barrier arms, mechanically fitted over 1 3/8" solid spigots.
- A heavy duty top bearing is provided for ease of rotation and to support a maximum vertical load of 1500 lbs.
- The mechanism plate is constructed from a 3/8" steel plate. All mechanical components are attached to the 3/8" steel plate.
- The ceiling plate, fabricated from 5/16" ga. steel, attaches to the mechanism housing plate and spans the shield assembly, providing stability and support.
- The mechanism consists of 1" thick delrin cam which requires no lubrication. 1" thick ratchet and indexing plate. hardened 56 rockwell for long lasting durability.

FABRICATION

- The rotor assembly consists of three rotors, each containing 11 arms spaced equally 5 1/2" apart. Each rotor post is set at a apposition 120 degrees apart from each other. Each arm is attached to the rotor posts with a 1 3/8" solid spigot. Rotors are then bolted to the upper and lower bearing assemblies, thereby providing a full mechanical construction.
- The barrier consists of a barrier post and 11 arms equally spaced at an offset to the rotor assembly. Arms are attached mechanically over 1 3/8" x 6" solid spigots

FINISHES

- All stainless steel parts shall be polished to a #4B finish.

OPERATION

- All turnstiles will allow only one or two way rotation. The direction is set during fabrication.
- Change of direction is possible after field installation.
- All models include hydraulic speed control and self -centering rotation control.
- 24VDC operating system
- Control board in head of unit
- Activation for each direction is achieved by supplying a dry contact input or 12vt pulse either through a push button or access control software. Adjustable time out if turnstile arms are not rotated.

OPTIONS

- Fail secure, fail safe is standard for all turnstiles
- Card reader mounting plates
- 220V, 50-60 Hz power supply
- Indicating lights red/green
- Push button override
- Electronic counter
- Out of service lock
- Powder coated finishes
- Galvanized finish

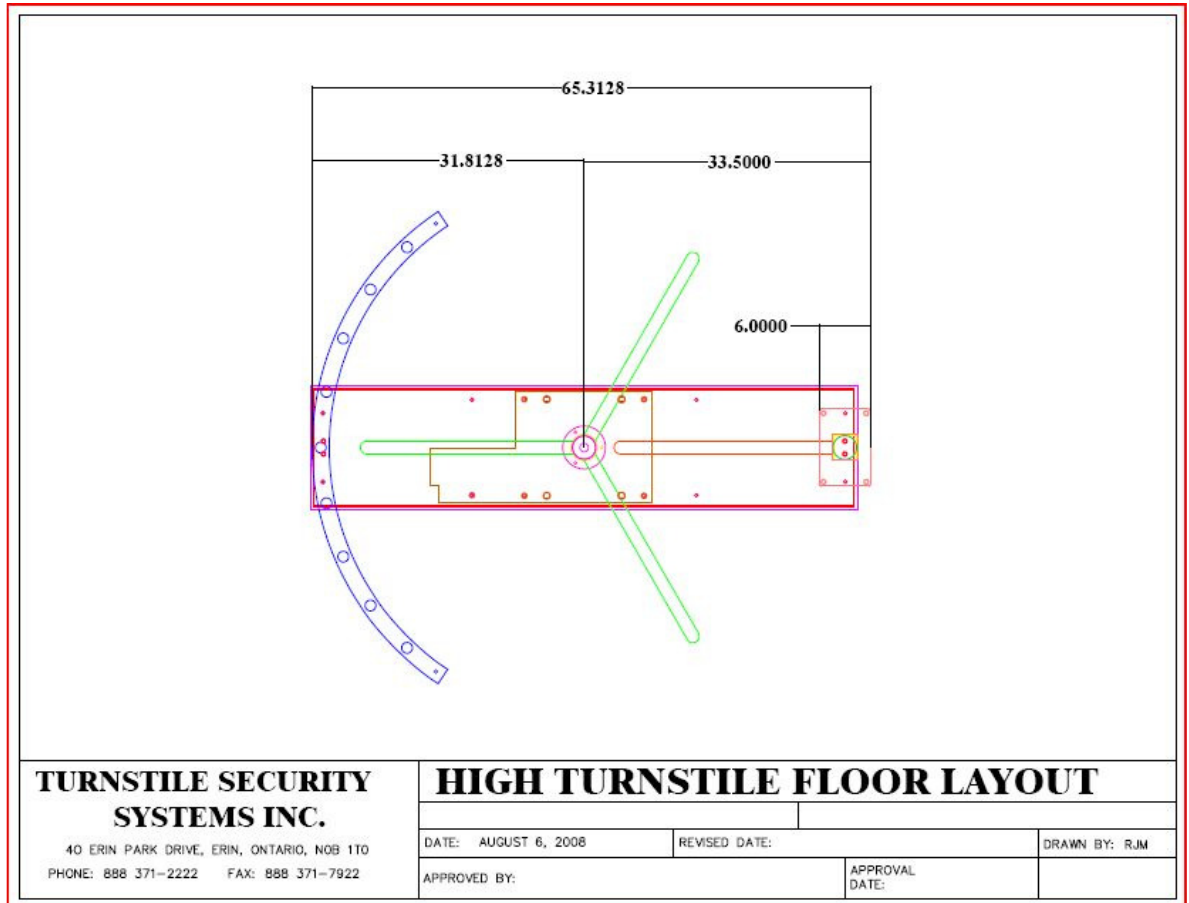
TEMPERATURE RANGE

- -40°c TO +50°c

IP RATING

- 65

FLOOR PLAN



ELEVATION DIAGRAM

