

HF ≠ CB <5@ HEIGHT ; @5GGTURNSTILE



- The TRITON HALF HEIGHT is designed to be an aesthetic and functional prestige access control solution
- Designed for high speed ultra quiet operation
- Exported worldwide

APPLICATIONS

- Suited for applications requiring high volume access and medium levels of security
- Used extensively in applications such as office receptions, commercial buildings, and universities

FEATURES

Rotalock Rotation Locking Mechanism

- Designed by professional engineers
- Ultra heavy-duty electromechanical rotation locking mechanism
- Bi-directional operation

Technology

- Self-centering rotation system – rotor returns to starting position after every rotation
- Anti-trap® safety system - no mid-rotation locking or trapping in the event of a power failure
- Extra secure 60° anti-reverse system
- Programmable PLC Logic with user diagnostic features
- Mechanical key override - clockwise and counterwise rotation

DESIGNED FOR:

- ∞ Interior installations
- ∞ Harsh operating conditions

AVAILABLE CONFIGURATIONS

- 3 arm (120 degrees)
- Single



Technical Specifications

POWER	220 Volt AC (110 Volt AC on request)
FREQUENCY	50Hz / 60Hz
POWER CONSUMPTION	50W
SOLENOID VOLTAGE	24 Volt DC (12 Volt DC on request)
LOGIC VOLTAGE	24 Volt DC
DIMENSIONS	See overleaf
ROTOR DIAMETER	47.24" (1200mm)
ROTOR WING CONFIGURATION	3 Wing (120 degree)
ROTOR WINGS WEIGHT	8mm toughened glass
DESIGN	Modular bolt-together design for ease of transport and installation. Components can pass through a standard door. Can be packed in broken-down form either onto a pallet or into a crate for transport
SYSTEMS INTEGRATION	<ul style="list-style-type: none"> • Integrates with all access control and time & attendance systems • Unlocking for entry / exit rotation controlled through normally open dry contact • Transaction / Rotation complete output • Integral wireways with draw wires in place - no exposed wires
FINISH	Frame and top cover: 304 granite brushed stainless steel
	Top cover inlay: Rustenburg granite

Manufacturing options

ROTATION OPTIONS

- Electrically controlled bi-directional rotation (factory standard)
- Mechanically controlled uni-directional rotation by means of key override
- Free rotation

LOCKING OPTIONS

- Fail-secure auto-lock on power failure (factory standard)
- Fail-safe auto-unlock on power failure
- Each direction of rotation configurable for either fail-secure or fail-safe operation

FIRE ALARM OPTIONS

- Free rotation when triggered indefinitely (logic programmed for either direction of rotation on request)

POWER OPTIONS

- Battery backup with two 12 volt 7Ah batteries connected in series
 - o Up to 1 000 transactions in fail-secure mode
 - o Up to 60 minutes operation in fail-safe mode

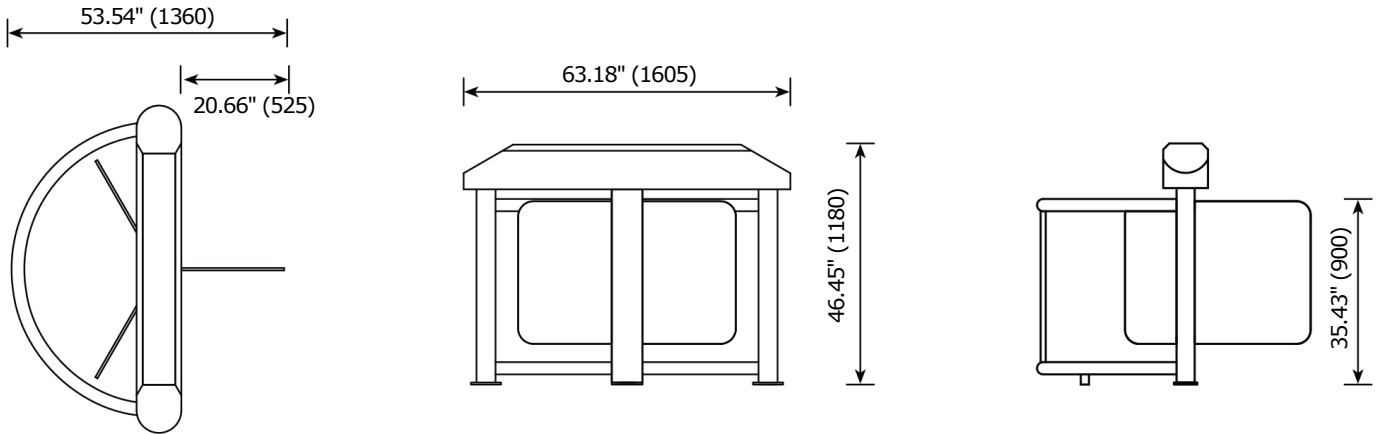
ACCESSORY OPTIONS

- Single/ Double pushbutton in plastic housing
- LED red cross & green arrow indicator light

Installations



TRITON RANGE



QUALITIES

- 1 Rotalok® rotation locking mechanism and electronic control panel
- Incorporates:
 - Rotaslo® hydraulic damping
 - Mechanical key override (for free rotation)
- 2 Suspended rotor technology
- 3 Stainless steel top cover with Rustenburg granite inlay
- 4 Access control reader mounting position
- 5 8mm toughened glass wings
- 6 Rotarun® perpetual base bearing
- 7 Wiring bottom entry point

