



TECHNICAL FEATURES AND SPECIFICATIONS **OF HOM TURNSTILES**

A turnstile is a type of gate that consists of 3 or 4 arms that rotate to allow only one person to pass per rotation. There are two types of turnstiles, half height (waist height) and full height (full body height). It may be a totally mechanical device to one that may be integrated with a fully computerised access control. Compared to gates, turnstiles offer better security and better manpower utilization, as they provide only a small passageway and allow only one person to pass at a time. Opened gates on the other hand make it easier for several people to slip through as the gatekeepers are verifying passes. When integrated with access control and computer, turnstiles can help record attendance, entry and exit timings of staff and visitors.

SCOPE OF OPERATION.

- A. HOM turnstile series is designed to provide quick entrance to authorized employees and visitors, while maintaining aesthetics of the surrounding. HOM offers waist height tripod turnstile (Model HT-1000 series) for reception areas and full height full security turnstile (Model HT- 2000 series) for unsupervised installations and highly secured areas.
- B. Both, waist height and full height turnstiles are available in MS body with Grey paint and SS body with brushed polish.
- C. Modular design offers several options to be incorporated according to client's requirement, such as mechanical or electro mechanical, unidirectional or bi-directional and fail-safe or fail-lock.

MATERIAL & DESIGN

- A. HOM series of turnstiles is designed to withstand most rugged environmental and operating conditions. Stainless steel mechanism and tripod are used even in MS body turnstiles for durability and aesthetics.

The cabinet of HT-1000 is constructed from 16 gauge MS or Stainless Steel sheet. The hub and operating mechanism are made up of stain less steel; locking devices are hardened to ensure long life and reliable service. Arms are fabricated from 1 ¼" dia 14 gauge round stainless steel tubing. Ends are spun closed, ground and polished.

- B. Simplistic and sturdy mechanical compoentry is designed to achieve the utmost in reliability, whilst reducing maintenance and service requirements to an absolute minimum. Modular design of the unit makes it easy to upgrade simple mechanical turnstiles to electrical or electronic turnstiles and integrate them with PC as per the growing need of your organization.

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AVAILABLE OPTIONS:

- Unidirectional or Bidirectional** Unidirectional turnstiles are used at only entry or only exit points, where as Bi-directional turnstile allows either entry or exit at one time while keeping the other side locked. Also available is Free-direction or Free-wheeling mechanism that allows tripod to rotate in any direction.
- Fail-Lock or Fail-Safe** Status of turnstile when there is no power. Fail-lock means direction is locked. Fail-safe means free wheeling.
- Pulse Relay** Allows one rotation per valid "go" signal, regardless of signal length.
- Time-out Relay** automatically relocks the turnstile in two seconds if a person cards in and unlocks turnstile but does not go through.
- Remote Push Button** Allows turnstiles to be released for one rotation from reception desk.

Technical Characteristics (Waist Height and Full Height Turnstiles)

	Waist Height	Full Height
Power Supply	220 V AC±10%, 50 Hz	220 V AC±10%, 50 Hz
Power Consumption	250W	250 W
Control Circuit	24V DC	24V DC
Duty Cycle	Continuous	Continuous
Height	990 mm	2200 mm
Length	735mm	1525mm
Width	245mm	1425mm
Weight	60 Kg.	170 Kg.
SS Arm Length	350 mm	

All dimensions and weight are approximate.
HOM's continuous development program may bring specification changes without any prior notice.