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The Catrax Basic Turnstile is the best option for projects where price, quality and esthetics are the biggest concern. The Catrax Basic is designed to fit almost any project and budget. This newly launched product, comes to complete TURNSTILES.us Catrax Line of turnstiles aiming to offer the market a robust, good looking, yet cost product.

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# www.TURNSTILES.us Catrax Turnstile Family

The Catrax Basic line maintains many of the characteristics of our Catrax family products: exceptionally robust bi-directional electro-mechanical mechanism, variety of finishes, high impact plastic top cover and a variety of options.

## Reliability and Safety

Optical sensors and electromagnets are used to activate locks, thus preventing mechanical wear and increasing equipment life.

## Easily Mounted and Maintained

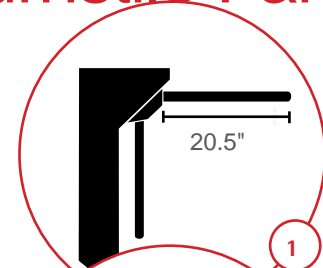
The Catrax Standard turnstile comes with a U-shaped mounting drawer that can be easily removed or replaced on the rear top panel by a key lock, thus facilitating the assembly and maintenance of electronic components.

## Longer Arm

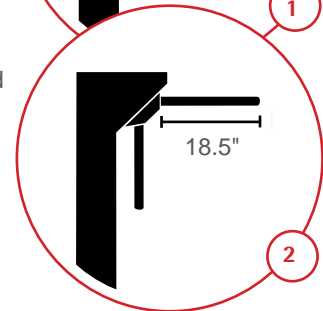
The Catrax Standard is specially designed with longer arms in a compact design. Arms length is available in 18.5" and optionally in 20.5".

## Ideal for outdoor applications

The Catrax Standard has a special interior design that makes the product ideal for outdoor applications.



1 Long Arm



2 Standard Arm



## Technical Characteristics

- Locking mechanism activated by electromagnets instead of solenoids, giving greater reliability;
- Rotation signals generated by high output optical sensors, completely avoiding mechanical wear;
- Cabinet made of carbon steel, with electrostatic powder coating. Arms manufactured in polished stainless steel;
- The top cover consists of a stainless steel plate, finished with high impact injection-molded plastic parts, offering strength and rounded corners, along with excellent appearance;
- Two automotive grade roller bearings increase equipment life, avoiding unnecessary maintenance;
- High performance mechanism for operation under heavy traffic;
- Turnstile rotates freely in case of emergency or power failure;

- Easily adapted and integrated to any terminal/technology. Catrax Plus allows for easy installation of barcode, proximity or Smart Card readers on the upper surface or side of cover;
- SMD assembled controller board (interface between the turnstile and integrator electronics control), with configurable electromagnet protection system offering 4 inputs and 2 outputs. It allows four turnstile configurations: forward rotation, backward rotation, rotation in both directions and locked in both directions. In addition, the controller board allows time outs and returns signals, informing the passage of a user;
- Switching power supply – input between 90 and 250 VAC and output of 12 VDC/2A, with protection against electrical surges;
- Pictograms for visual signaling indicate access allowed (green arrow) or access denied (red "X").