

TS-B-200

# Parking Barrier Gate



## TS-B-200

technospacio idea Parking Barrier Gate is a state-of-the-art solution reshaping parking access control with unparalleled efficiency and security. Engineered for seamless entry and exit experiences, this gate combines advanced technology with durability for optimal performance.

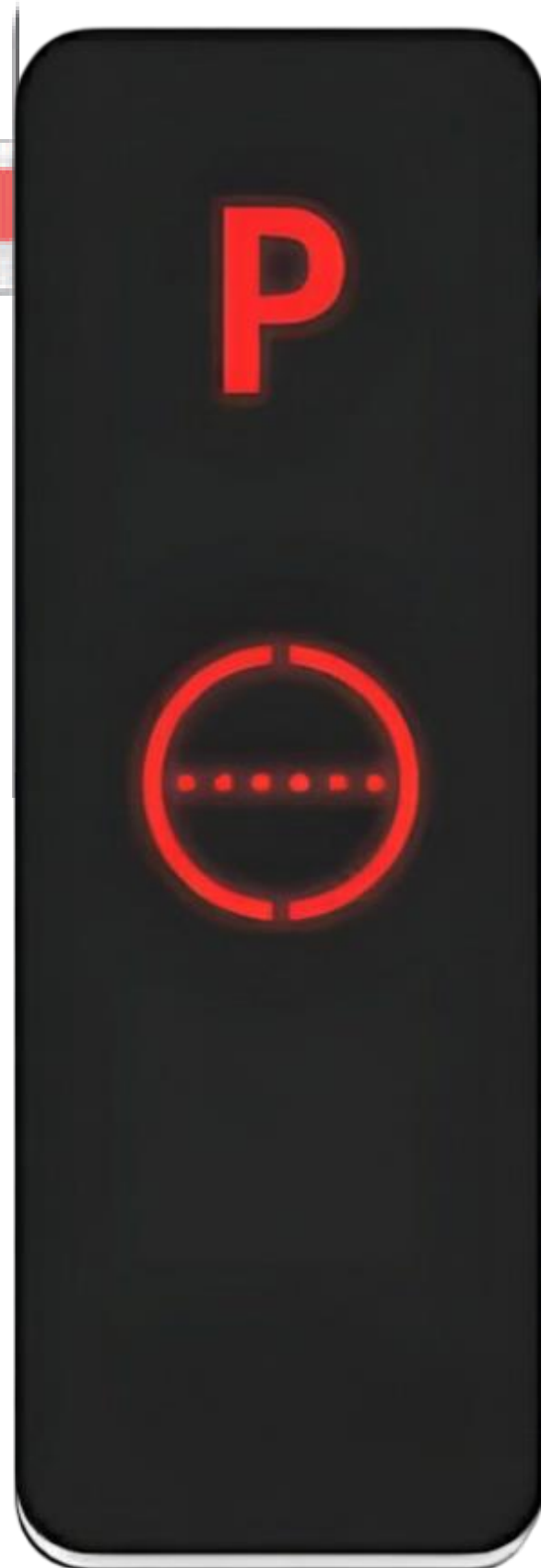
Choose technospacio idea for a future-ready parking management system that excels in reliability and innovation.



# Key Features



- Adjustable left and right mechanism
- Crank rocker transmission mechanism design, compact structure, increased rigidity and easy maintenance and operation
- When the brake lever positioned horizontally or vertically, the mechanism structure auto-matically engages a self-locking feature
- 20% less component sand decreased occurrence of defects
- Patented technology
- LED status indicator light



# Functions

## 24V Brushless Motor



- Equipped with a planetary gear reducer and PID closed-loop control for precise operation. Operates with low noise and minimal motor heating—reducing the likelihood of triggering overheat protection under continuous use. Designed to be maintenance-free with a long lifespan, featuring high transmission efficiency and control precision.
- Oil-leakage free for reliable, clean performance.

## Transmission Structure



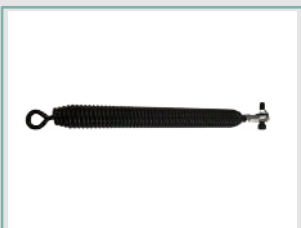
- Features a concise mechanical transmission with an extremely low failure rate.
- Incorporates a keyless design that eliminates abrasion issues between the keyway and key.
- The spindle base is constructed from ductile iron for enhanced durability.

## Control Panel



- Utilizes digital chip technology for accurate control.
- Supports a maximum operating temperature of up to 85°C.
- Includes a failure detection system with an alarm that activates if any control panel component malfunctions.

## Balancing Spring



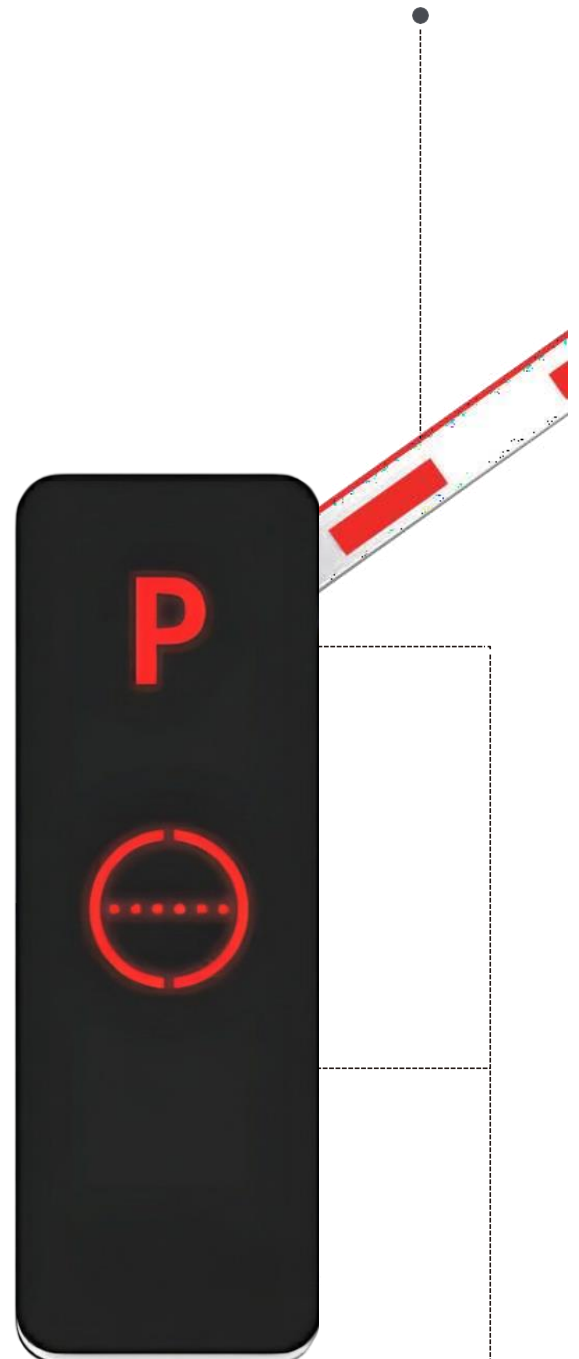
- Built for high durability with an ergonomic design, allowing for easy and convenient spring tension adjustments.

## Boom Connector



- Provides impact protection by automatically detaching when a vehicle collides with the product, thus preventing damage to both the vehicle and the product body.

Optional LED strip with color switching feature according to the barrier gate state.



LED status indicator light, green indicates passage, red indicates no passage

# Specifications

Housing Dimension	340×278×1020mm
Bar Length	Standard 5.8m extension straight arm · Customization available
Power Consumption	150W
Power Supply	220V±10% 50 ~ 60Hz
Operating Temperature	-30°C ~ +85°C
Mechanism	Vertical(Single spring)
Housing Thickness	1.5mm
Motor	24V Brushless two-phase variable speed full copper DC motor DC150W/AC125W
Opening/Closing Speed	1.2s-6s(Adjustable as per arm type)
Lifecycle	5 million times
Protection Level	IP54
Remote Control Range	≤30M
Railing Size	Folding stick ≤5m, Rack staks ≤5m, Straight bars ≤6m
Communication	Dry contact/RS485

## Boom Direction Interchangeable



L : Case on the left side,  
and boom on the right side



R : Case on the right side,  
and boom on the left side

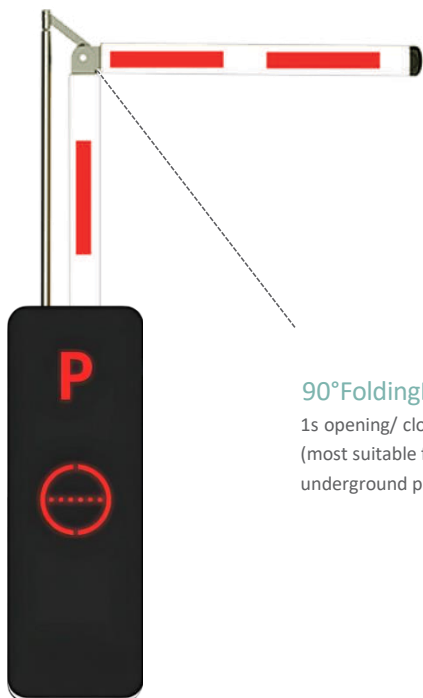
# Application



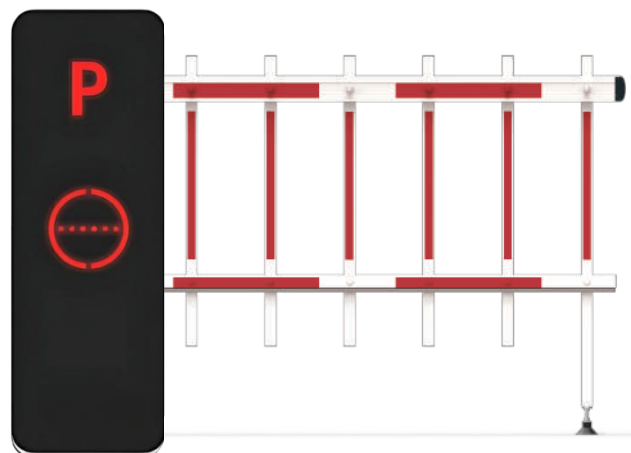
**4.5m Boom**  
2.5s opening/closing speed  
(most suitable for high traffic sites with wide lanes)

**3m Boom**  
0.9s opening/closing speed  
(most suitable for high traffic sites as Expressway, Business Centers, Commercial Buildings, Airports, Seaport and Transport Stations)

**6m Boom**  
4.5s opening/closing speed  
(most suitable for low traffic sites with wide lanes, such as Industrial Parks, Apartments, Government Departments and Public Institutions)



**90° Folding Boom**  
1s opening/ closing speed  
(most suitable for different types of underground parking lots)



2s/3s opening and closing speed,  
supports 3 m and 4m boom length.

# Dimensions(mm)

