

TS-B-500

Boom Barrier Gate



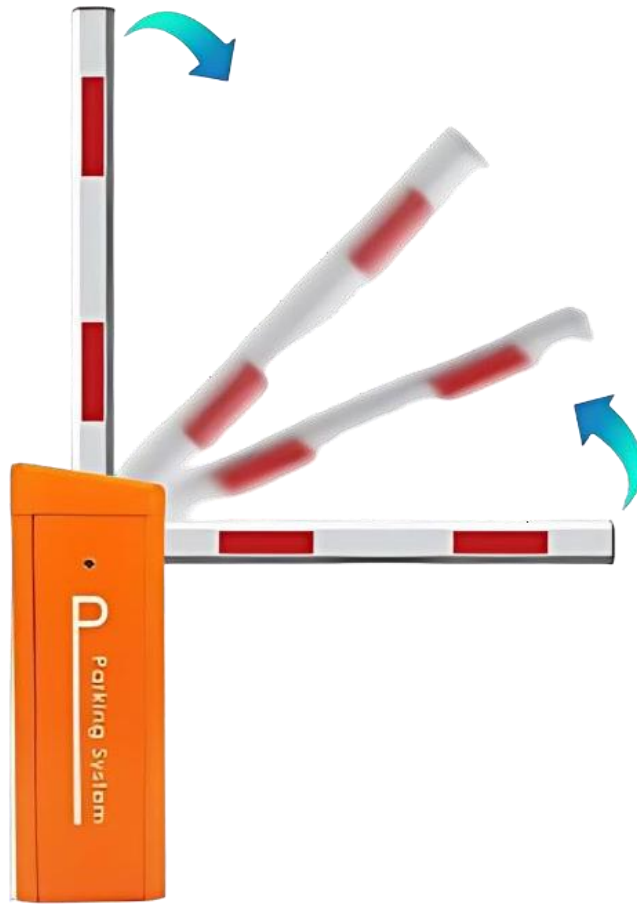
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Technospacio idea Boom Barrier Gate is a state-of-the-art solution reshaping parking access control with unparalleled efficiency and security. Engineered for seamless entry and exit experiences, this gate combines advanced technology with durability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

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



Key Features



- Energy saving 24 v Servo motor gear box with planetary gear
- Iron baking rust free cabinet Thickness 2.0mm
- End position detection without limit switches
- Variable speeds*
- Two tension spring
- Bi-direction main shaft, LEFT or RIGH
- 100 % duty cycling

Functions



24V Servo 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.



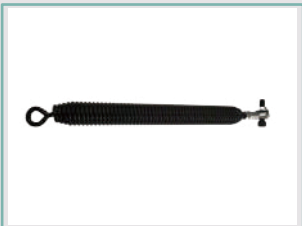
Transmission Structure

- Features a concise mechanical transmission with an extremely low failure rate.
- Incorporates a keyless design that eliminates abrasion issues between the key way and key.
- The spindle basis 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 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

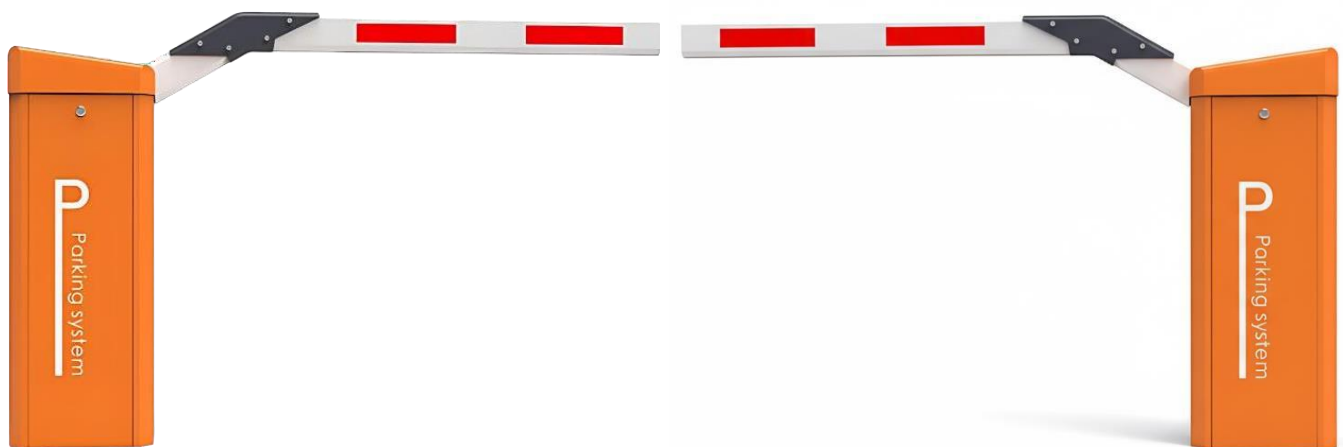
Optional LED strip with color switching feature according to the barrier gate state.



Specifications

Brand name	Technospacio
Working Temperature	-30°C ~ +70°C
Power Supply	24/100/240VAC, 50/60H
Open/ Close Speed	0.9 Sec – 8 Sec (Adjustable)
Rated Power	200W - 400W
Driving Method	DC Servo Motor
Humidity	≤90%
Remote Control Distance	≤100m (open, sunny weather)
Protection Grade	IP55
Motor No-load Speed	3000 r/min
Max Boom Length	3m - 6m
Boom Type	Straight / Telescopic Optional
Opening Direction	Left/ Right Adjustable
LED Indicator on Boom	Optional

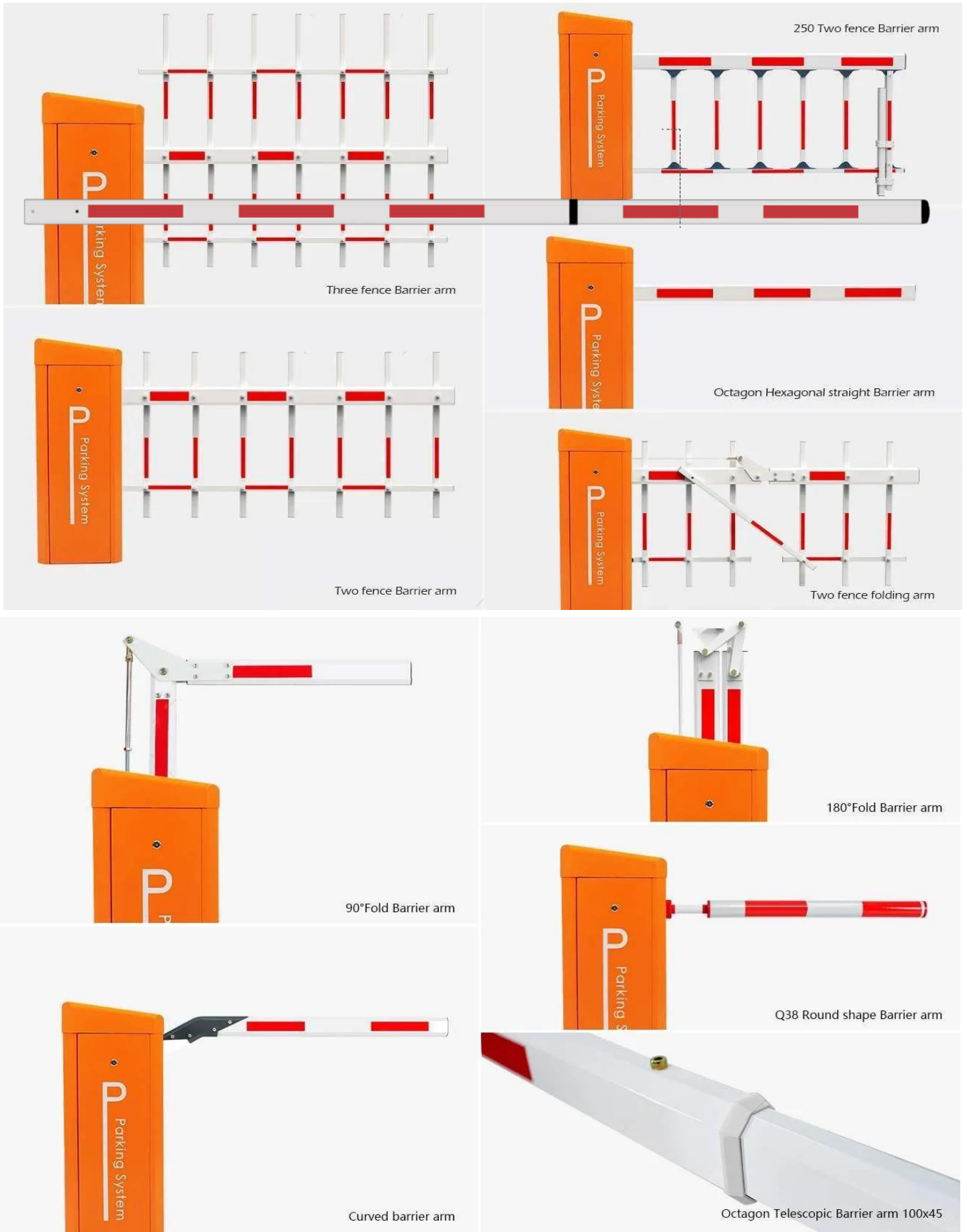
Boom Direction Interchangeable



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



Dimensions(mm)

