

Driving Parking Technology

WPS-600 Barrier

The WPS-600 automatic barrier gate is a robust long span control device designed for access control and security applications. Barrier control logic is engineered to incorporate solid state components in a completely modular design. By employing direct drive technology, gate arm droop is eliminated since every cycle starts and stops at the same position. The WPS-600 barrier can be equipped with several unique features to produce a customized solution.

Drive

The WPS-600 barrier uses an industrial grade heavy duty direct drive mechanism with wishbone construction. A hand winding crank for manual opening is available.

Barrier gate arm

The arm is constructed from 90mm round aluminium, with a maximum arm length of 6.0 metres (20 feet). It is recommended that arm lengths in excess of 5.0 metres (16 feet) are fitted with an end-steady support (electro-magnetic and pogo stick versions are available).

Housing

The WPS-600 barrier is constructed from plated or stainless steel and includes a service door with security lock. The standard paint finish is RAL9007 grey. An extensive array of existing RAL colours are available as an option.

Vehicle detection

The WPS-600 barrier can be equipped with vehicle detectors which are used to arm a corresponding terminal for use only when a vehicle is present and to reset the barrier once the vehicle has passed through the lane.



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Security

The barrier can be equipped with infrared transmitter and receiver, flashing lights on the barrier gate arm (3 pcs.) and / or a safety fence underneath the arm (up to 4.0 metres / 13 feet).

Traffic light

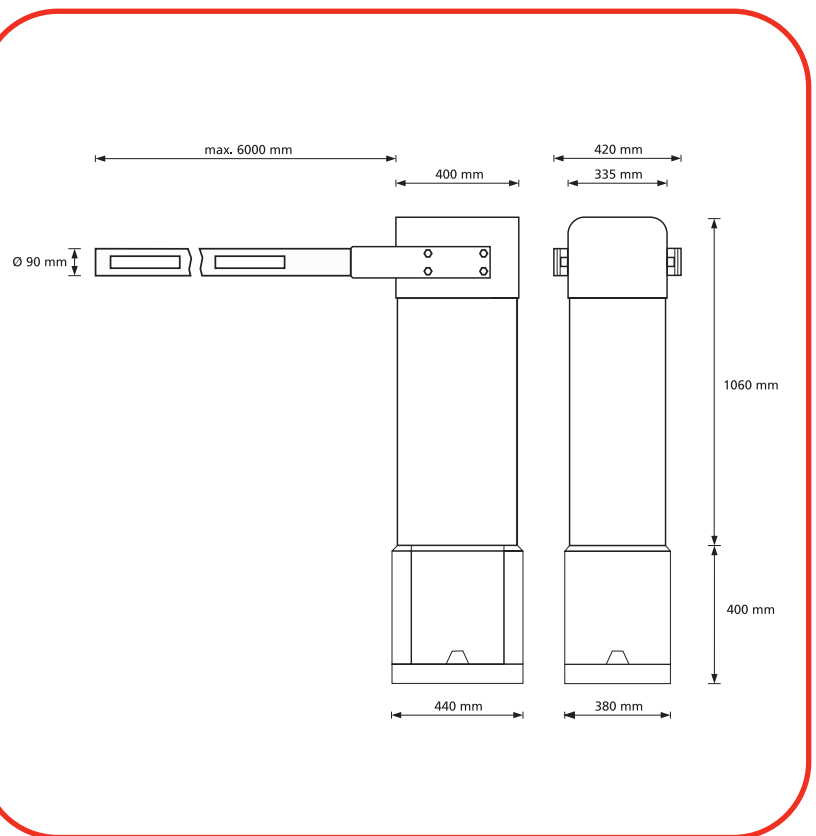
Post-mounted red / green traffic lights can be fitted to the cabinet.

Miscellaneous

Also available: keyswitch override, remote control transmitter, timing device.

Mounting

The WPS-400 barrier can be mounted directly to the ground (or concrete island) or to a pre-fabricated foundation.



Technical specifications:

Power supply	: 3~230 / 400VAC (motor) 1~120 / 230VAC (controller)
Power consumption	: 375VA (motor) 25VA (controller)
Open / close time	: 2.8 seconds (barrier gate arm up to 3.5 metres / 12 feet) : 4.5 seconds (barrier gate arm up to 6.0 metres / 20 feet)

