Başkent Organize Sanayi Bölgesi
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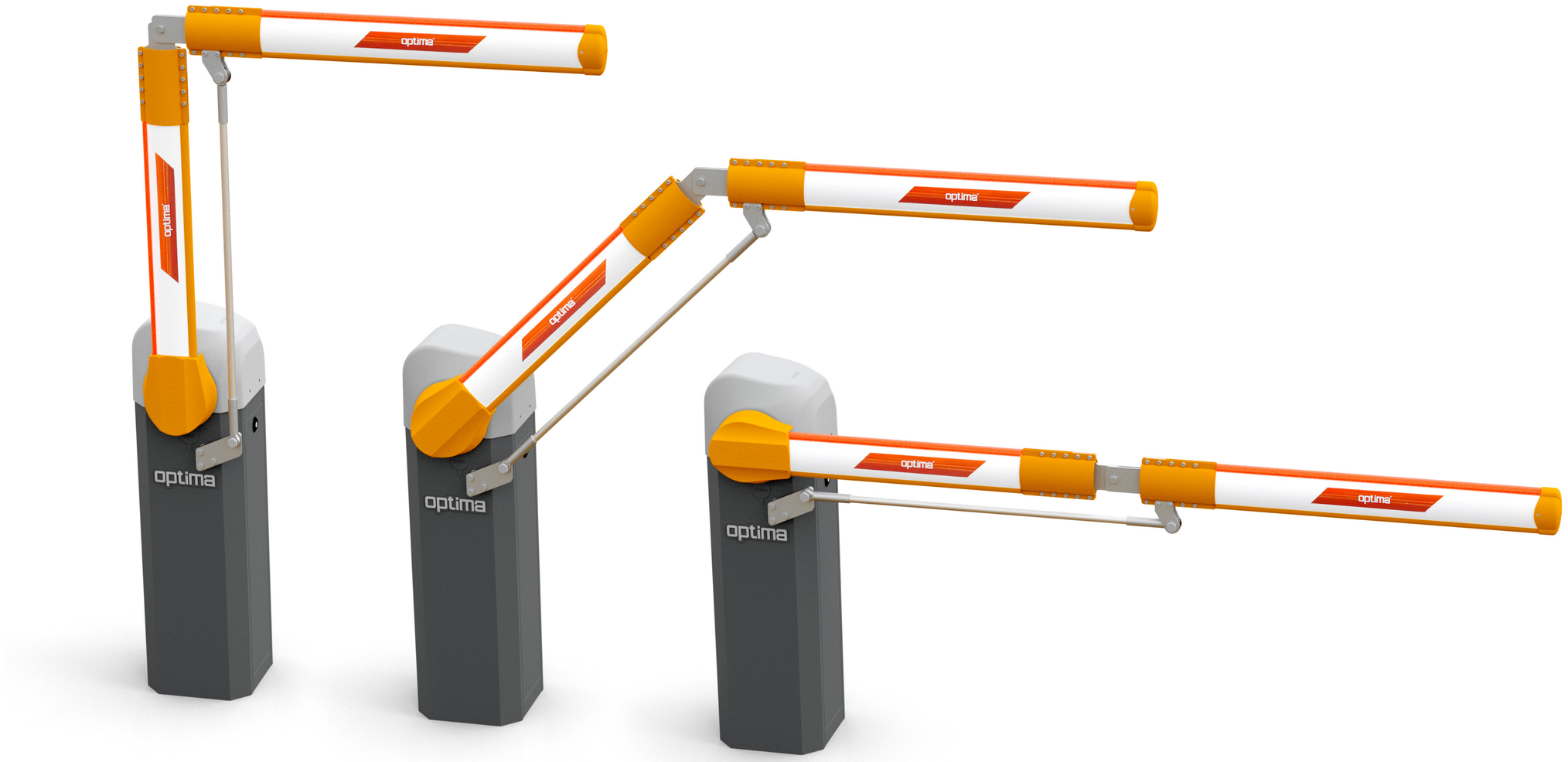
CHALLENGER - ART



GENERAL DESCRIPTION

Optima Challenger barriers are designed to control the high flow of traffic and parking places. The ideal solution for heavy-duty service on the driveway (residential parking control) and intensive use (public parking control) even in peculiar and difficult climatic conditions.

SYSTEM SPECIFICATIONS

- Barrier can be controlled by Optima App on your IOS and Android mobile phones.
- Barrier cabinet is designed to IP 55 rating EN 60529 (British BS EN 60529:1992) standards.
- All component of the mechanism is manufactured on CNC machines.
- Barrier has the manual release feature.
- Arm is aluminum with a special elliptical like cross-section design.
- A special design barrier arm enables a safety gasket to be mounted under the arm.
- Red/Green led light above the aluminum barrier arm.
- A high torque AC motor is utilized in the barrier.
- All gears in the barrier are heat treated.
- Control electronics are mounted in an IP 67 proof plastic box.
- Low power consumption and silent running.
- Compatible with all access control systems.
- All control electronics manufactured by Optima.
- Closing the barrier can be utilized by the automatic time delay feature. Time delay can be adjusted between 5/10/15 seconds.

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ARM

The arm is aluminum with a special elliptical like cross-section design. This special design enables a safety gasket to be mounted under the arm, besides increasing the arm's inertia (i.e. increased durability against impact, wind force, etc.) It is manufactured by a special mould, with the extrusion process. The articular electromechanical barrier has a foldable arm feature. On the arm, there are red phosphorescent stickers as a night time warning. Two ends of the arm are closed by aluminum-colored plastic caps.

ENVIRONMENTAL CONDITIONS AND POWER REQUIREMENT

Between -15°, and + 65°C, %95 non-condensing humidity; 220V 50-60 Hz.

OPTIONAL ACCESSORIES

- Optima control card to control the barrier by mobile phone / ios and android.
- Push button box (Raise/Lower/Emergency stop).
- Red/green traffic lights with steel pole.
- Flashing light (flashes while the arm is in motion).
- Safety photocell.
- Stand and casing for safety photocell.
- Pneumatic edge safety sensor.
- Dual vehicle safety loop detector.
- Radio receiver & antenna.
- Radio transmitter.
- Wrong way alarm.
- High speed alarm.
- Protection bar for barrier cabinet.
- Barrier skirt (aluminum).
- Stop sign in the middle of barrier arm.
- SCADA or any control system: It is possible to change and check the position of barrier with touch screen control panel, mobile devices (ios-android), computer, etc.

TYPE DESCRIPTION

- B300 4m maximum arm length, opening time approximately 3 seconds.
- B600 6m maximum arm length, opening time approximately 4-6 seconds.
- B800 8m maximum arm length, opening time approximately 8 seconds.

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MAIN BODY MEASUREMENTS