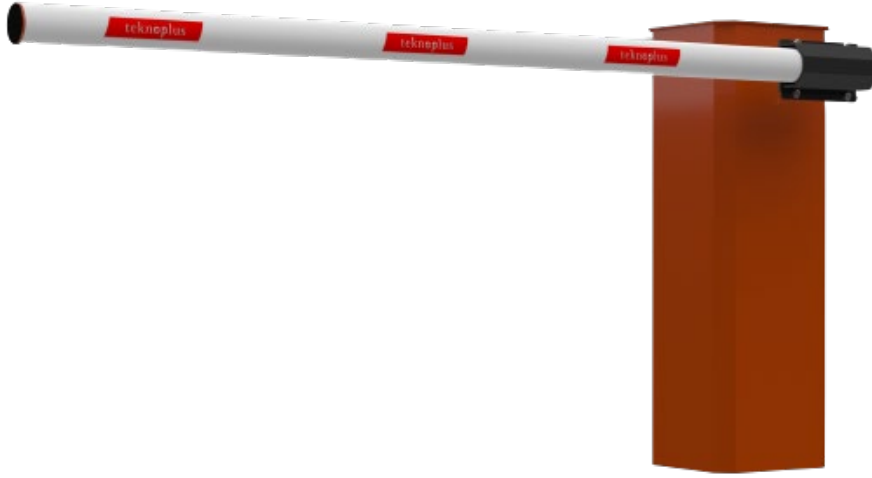


TB-E 600 SERIES ELECTROMECHANICAL ECONOMIC ARM BARRIER



GENERAL INFORMATION

TB-E series electromechanical arm barriers are widely used economical solutions in order to provide security access or traffic control in extremely busy areas. These barrier systems have a variety of usage areas such as parking lots, airports, government offices, military compounds, industrial areas, business centers and many places that requires vehicle access controlling.

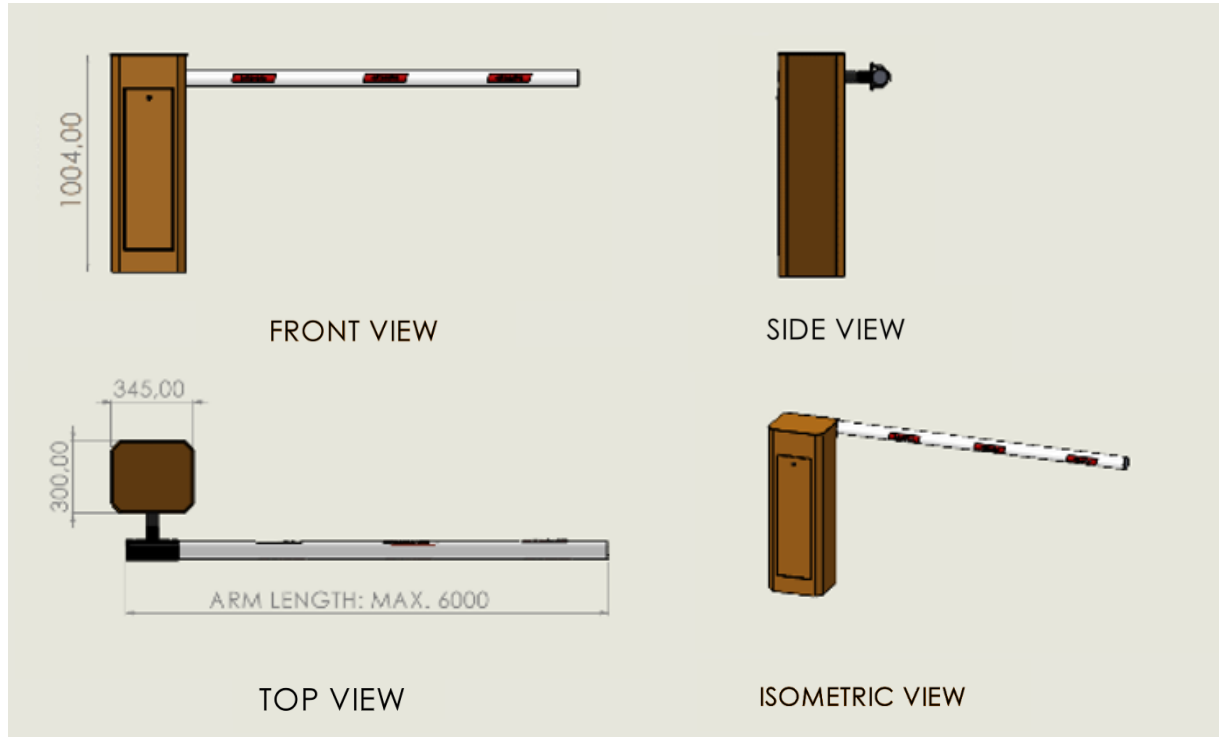
TB series arm barriers are designed to fulfill the latest requirements of industry and suitable for high flow traffics, intensive usage and harsh environmental conditions. Thanks to their strong mechanism and electric motor drives, barriers can handle being in use continuously and hottest environmental conditions.

Although the drive unit is electromechanical, in case of a power failure, it is possible for barrier system to be lifted and lowered manually. Arm barriers can be integrated with other kinds of security access systems.

MAIN CHARACTERISTICS

- 3 - 6 seconds operating speed according to arm length,
- 6.00 meters of maximum arm length,
- Thanks to its mechanical design, arm can be mounted in reverse direction,
- Easy to install, low maintenance cost,
- The system can handle more than 10000+ movements per day,
- Have an aesthetic and elegant design ,
- Can be integrated with other access control systems,
- Robust structure can resist to harsh environmental conditions.

TECHNICAL DRAWING



PHYSICAL CHARACTERISTICS

| | |
|----------------------------|--|
| CASE DIMENSIONS | 340mm x 300mm x 1004mm (W x L x H) |
| BARRIER ARM | 60 mm of diameter, 6000 mm (standard), aluminum alloy, warning reflective stripes on the color of white (RAL 9016) |
| MECHANISM | Drive unit consists of electric motor, reducer (gearbox), mounting parts and there is a spring mechanism which helps rising-lowering movement of the arm. |
| BARRIER CASE | Manufacture of 1.5 mm thickness of electrostatic painted DKP steel sheet plate barrier case, 304 grade stainless steel case is optional, motor and gearbox holder is 10 mm electrostatic coated steel sheet, 10 mm galvanized slotted external mounting steel plate for robust and easy installation |
| TOP COVER | 4 mm thickness of electrostatic painted DKP steel sheet plate |
| MECHANICAL ELEMENTS | Galvanized coating, plastic materials are preferred for the mechanical elements of mechanism according to requirements |

OPERATIONAL CHARACTERISTICS

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|-------------------------------|--|
| OPERATION | Electromechanical |
| POWER (MOTOR) | 220 VAC, 50-60 Hz, 1 Phase, 0,75 kW |
| RISING/LOWERING TIME | 3-6 seconds at 2-6 meters arm |
| OPERATION FREQUENCY | 10.000 + continuous movements with %100 duty cycle |
| SPEED/MOVEMENT CONTROL | Smooth operation with microprocessor controlled electronics |
| POSITION CONTROL | Inductive limit switches (weather proof) with physical position adjustment for up and down positions |
| AUTO CLOSE | Closing automatically in adjustable time, after the passage of the vehicles |

RESISTANCE CHARACTERISTICS

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|---------------------------------|--|
| ENVIRONMENTAL CONDITIONS | -25 °C / +70 °C, %100 RH or less humidity (without condensation) |
| PROTECTION CLASS | IP 65 |

EQUIPMENT AND ACCESSORIES

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|-----------------------------|--|
| OPTIONAL ACCESSORIES | Button control, Loop Detector, Safety photocell, Traffic light, LED Top Cover, RF Receiver, RF Transmitter, RF Antenna |
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CERTIFICATIONS AND WARRANTY

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|-----------------------|---|
| CERTIFICATIONS | ISO 9001:2015, ISO 14001:2015, OHSAS 18001, CE, TSE |
| WARRANTY | 2 years |