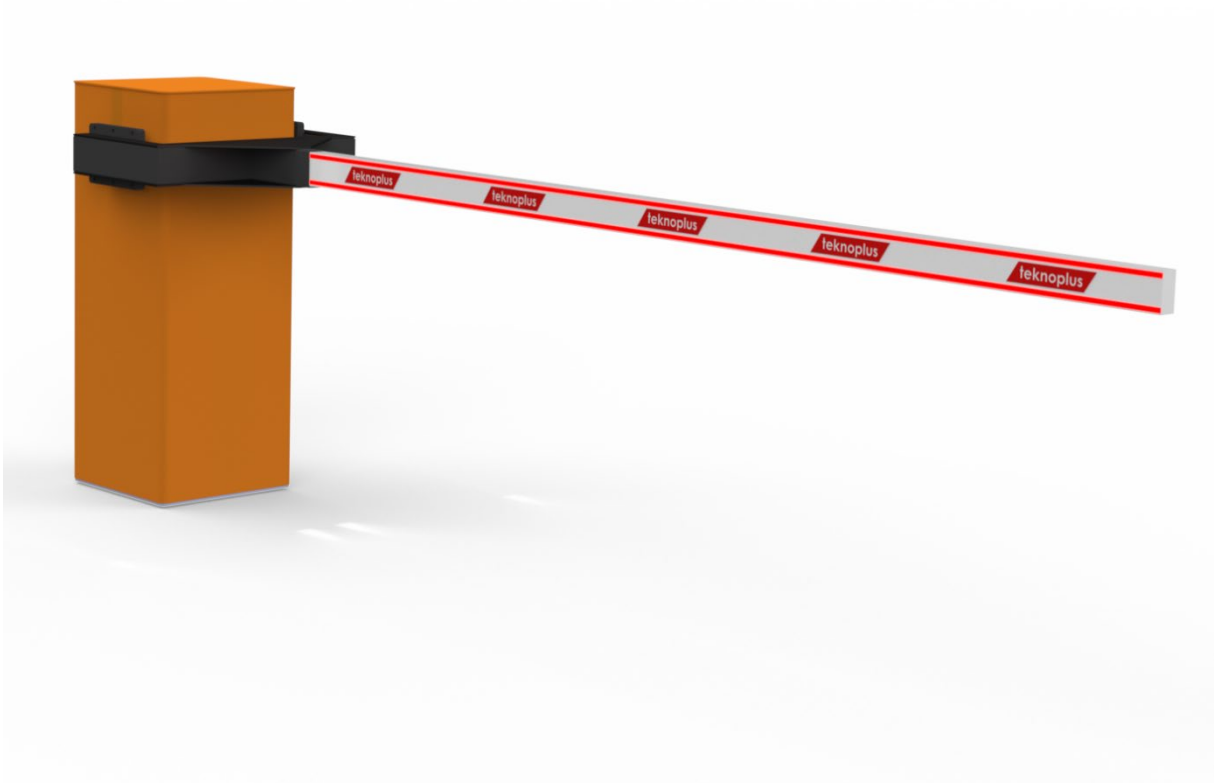


# TB-HAB 600

## HYDRAULIC ARM BARRIER



### GENERAL INFORMATION

TB-HAB hydraulic arm barriers are widely used ideal 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 car parks, airports, government offices, military zones, industrial areas, business centers and many places that requires vehicle access control.

TB-HAB 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 hydraulic piston, barriers can handle being in use continuously.

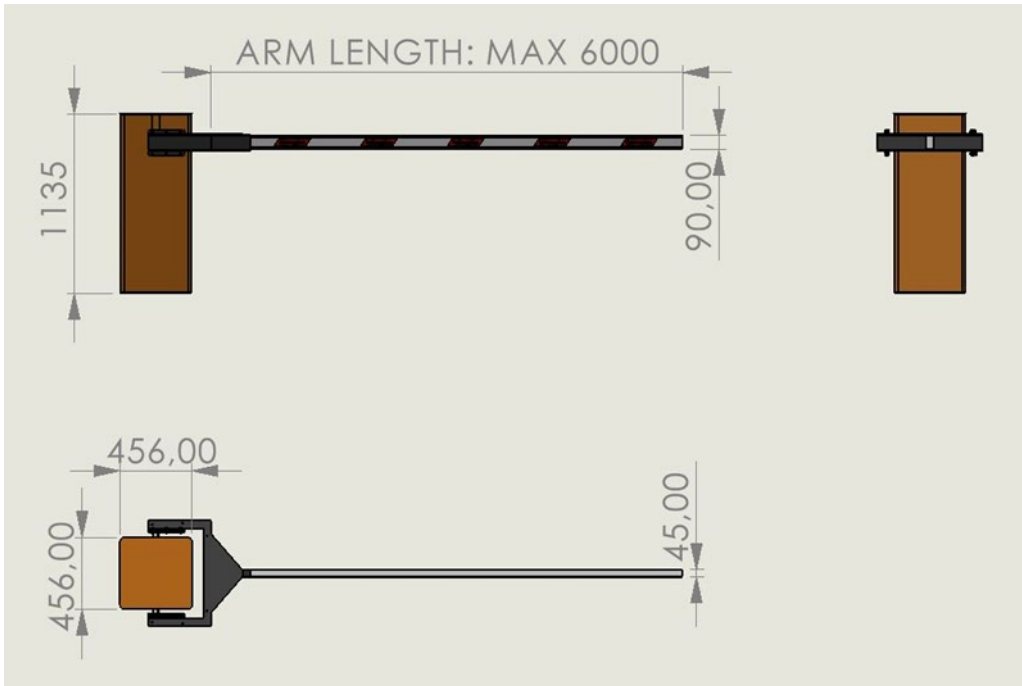
Although the drive unit is hydraulic, in case of a power failure, it is possible for barrier system to be lifted and lowered manually.

Hydraulic Arm barriers can be integrated with other kinds of security access systems like tyre killers, road bollards, different kinds of barriers etc.

### MAIN CHARACTERISTICS

- 6.00 meters of maximum arm length,
- Easy to install, low maintenance cost,
- Suitable for manual use during power failure,
- The system can handle more than 10000+ movements per day,
- Aesthetic and elegant design,
- Can be integrated with other access control systems.

### DIMENSIONS



**PHYSICAL CHARACTERISTICS**

<b>CASE DIMENSIONS</b>	456 mm x 456 mm x 1135 mm (W x L x H)
<b>BARRIER ARM</b>	45x90 mm Aluminum Profile, 6000 mm (standard), warning reflective strips on white color (RAL 9016), LED lighting (optional)
<b>MECHANISM</b>	Tahrik ünitesi hidrolik, kolun yükselme-alçalma hareketini sağlayan hidrolik piston vardır.
<b>BARRIER CASE</b>	Robust and easy installation with 2 mm thick electrostatic painted DKP sheet, optionally 304 quality stainless steel, 12 mm mounting plate, electrostatic coated sheet, 12 mm slotted outer mounting base plate
<b>TOP COVER</b>	5 mm thickness of electrostatic painted DKP steel sheet plate (standard)
<b>MECHANICAL ELEMENTS</b>	Stainless steel, aluminum, galvanized coating, plastic materials are preferred for the mechanical elements of mechanism according to requirements

**OPERATIONAL CHARACTERISTICS**

<b>OPERATION</b>	Hydraulic
<b>POWER (MOTOR)</b>	220 VAC, 50-60 Hz, 1 Phase, 0,75 Kw
<b>OPERATION PRESSURE</b>	Minimum 50 Bar / Maximum 80 Bar
<b>RISING/LOWERING TIME</b>	4-6 seconds
<b>HYDRAULIC OIL</b>	Number 37 - 46 Hydraulic oil
<b>OPERATION FREQUENCY</b>	10.000 + continuous movements with %100 duty cycle
<b>SPEED/MOVEMENT CONTROL</b>	Smooth operation with PLC inverter panel
<b>POSITION CONTROL</b>	Inductive limit switches (weather proof) with physical position adjustment for up and down positions
<b>AUTO CLOSE</b>	Closing automatically in adjustable time
<b>MANUAL OPERATION</b>	Up / down movement with manual hand pump

**RESISTANCE CHARACTERISTICS**

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

**EQUIPMENT AND ACCESSORIES**

<b>OPTIONAL ACCESSORIES</b>	Button Control, Loop Detector, Safety Photocell, Traffic Light, RF Receiver, RF Transmitter, RF Antenna, Flasher Lamp
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**CERTIFICATIONS AND WARRANTY**

<b>CERTIFICATIONS</b>	ISO 9001:2015, ISO 14001:2015, OHSAS 18001, CE, TSE
<b>WARRANTY</b>	2 years