



# Kerberos Tripod Barriers

# High-quality Kerberos Tripod Barriers

Practical  
Robust  
Easy to use

Kerberos Tripod Barriers relieve reception staff and take over access control in the most varied situations. Our proven control technology comfortably controls user flow even in times of high throughput.

#### **Versatility**

For access to the premises or the company building, a variety of attractive designs for single or multiple installations are available. Our high-quality tripod barriers are made of stainless steel and suitable for indoor and outdoor installation.

#### **Minimal power consumption**

The quiet low-energy drive consumes very little energy and adapts to the speed of the person entering.

#### **Clearing and barring passage automatically**

In an emergency, versions with foldable bars clear the escape route in both directions<sup>1</sup>. The foldable crossbar is reset automatically as soon as the critical event is over. Both can also be initiated by authorized reception staff using an operating device, for example for goods transport.

<sup>1</sup> Individual approval required (responsible building authority)



# Advantages of Kerberos Tripod Barriers

The products are developed with a clear focus on the requirements of users, operators and the structural environment.

- Foldable bars and automatic reset
- Modular individual and multiple installations
- Comfortable passage thanks to servo positioning drive
- Minimal energy consumption
- Low energy drive ensures safe passage
- Suitable for outdoor installation
- With additional equipment, suitable for emergency and escape routes
- Barrier-free solutions in conjunction with automatic half-height swing doors in suitable design



As barrier-free solutions we offer swing doors in matching design.

# The ideal solution for any access point



Compatible with a wide range of ticket management systems

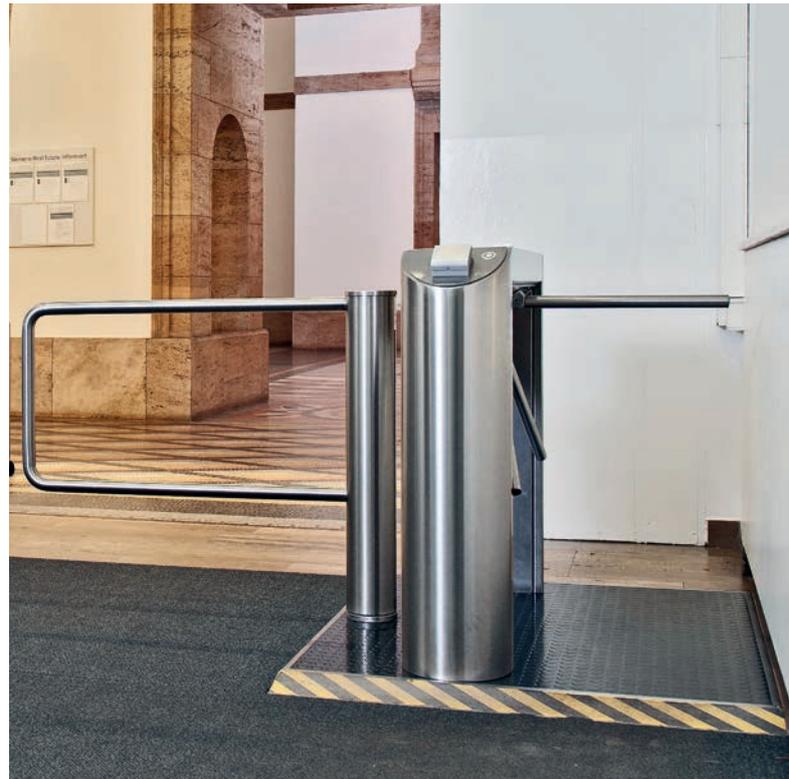


Compact solution for low depth rooms

Multiple units in large entrance hall



Mobile application on pallet



## For quick entry to:

- Office and administrative buildings
- Ministries
- Public authorities
- Manufacturing plants
- Airports
- Banks and financial institutions
- Stadiums
- Amusement parks

### Kerberos Tripod Barriers

Throughput rate	= up to 45 per minute
Security level	= ●○○○○
Comfort	= ●●●○○
Staff supervision	= yes





# Kerberos Tripod Barriers

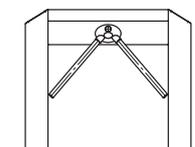
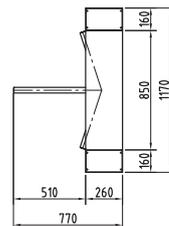
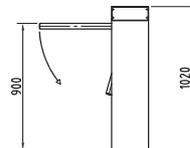


<b>Standard units</b>	
<b>Construction</b>	Description
	Housing material
	Base column, base or flange plate material
	Crossbar material
<b>Finish</b>	
<b>Function</b>	
<b>Electrical equipment</b>	
	Power supply
	Standby power consumption
<b>Installation</b>	
<b>Protection classes</b>	

<b>TPB-E01</b>
Housing and base columns in a single unit (open design).
AISI 304 stainless steel.
AISI 304 stainless steel.
AISI 304 stainless steel.
Stainless steel satin finish.
Type 0 * Type 1.1 ** Type 1.2 *** Type 2 ****
Control system integrated in the unit.
100 - 240 VAC, 50/60 Hz, 253 VA.
10 VA.
Dowelled on finished floor level, FFL.
Suitable for outdoor installation.
Housing IP33, components conducting supply voltage IP43.

- \* Type 0 Manual motion; mechanically free in one direction/ opposite direction blocked.
- \*\* Type 1.1 Manual motion; electrically controlled in one direction/ opposite direction blocked (closed in both directions with no current).
- \*\*\* Type 1.2 Manual motion; electrically controlled in two directions (closed in both directions with no current).
- \*\*\*\* Type 2 Power-assisted motion; servo positioning drive/ electrically controlled in 2 directions

All dimensions in mm





### TPB-C01

Housing and base columns enclosed with additional back plate made of stainless steel AISI 304.

AISI 304 stainless steel.

AISI 304 stainless steel.

AISI 304 stainless steel.

Stainless steel satin finish.

Type 2\*\*\*\*

Control system integrated in the unit.

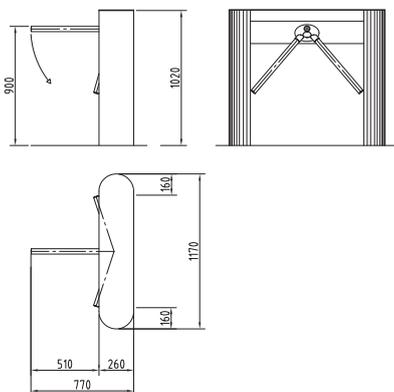
100 - 240 VAC, 50/60 Hz, 253 VA.

10 VA.

Dowelled on finished floor level, FFL.

Suitable for outdoor installation.

Housing IP33, components conducting supply voltage IP43.



### TPB-L06

Housing and base columns in a single unit.

Double unit based on the TPB-E01, particularly space-saving design.

AISI 304 stainless steel.

AISI 304 stainless steel.

AISI 304 stainless steel.

Stainless steel satin finish.

Type 0 \*

Type 1.1 \*\*

Type 1.2 \*\*\*

Type 2 \*\*\*\*

Control system integrated in the unit.

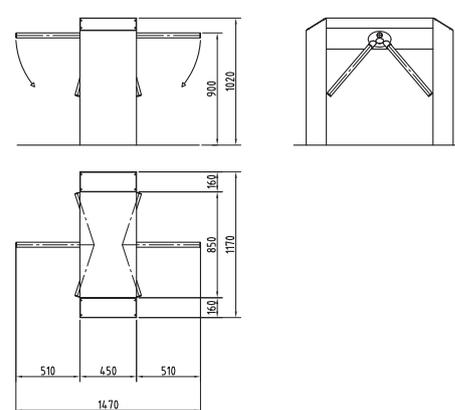
100 - 240 VAC, 50/60 Hz, 506 VA.

20 VA.

Dowelled on finished floor level, FFL.

Suitable for outdoor installation.

Housing IP33, components conducting supply voltage IP43.

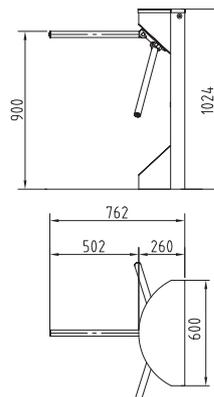


# Kerberos Tripod Barriers



Standard units		TPB-L07
<b>Construction</b>	Description	Housing and base columns in a single unit (open design).
	Housing material	AISI 304 stainless steel.
	Base column, base or flange plate material	AISI 304 stainless steel.
	Crossbar material	AISI 304 stainless steel.
<b>Finish</b>		Stainless steel satin finish.
<b>Function</b>		Type 0 * Type 1.1 ** Type 1.2 *** Type 2 ****
<b>Electrical equipment</b>		The control unit is integrated into the unit.
	Power supply	100 - 240 VAC, 50/60 Hz, 253 VA.
	Standby power consumption	10 VA.
<b>Installation</b>		Dowelled on finished floor level, FFL.
		Suitable for outdoor installation.
<b>Protection classes</b>		Housing IP33, components conducting supply voltage IP43.

- \* Type 0 Manual motion; mechanically free in one direction/ opposite direction blocked.
- \*\* Type 1.1 Manual motion; electrically controlled in one direction/ opposite direction blocked (closed in both directions with no current).
- \*\*\* Type 1.2 Manual motion; electrically controlled in two directions (closed in both directions with no current).
- \*\*\*\* Type 2 Power-assisted motion; servo positioning drive/ electrically controlled in 2 directions



All dimensions in mm



**TPB-S03**

Housing with base column and flange plate.

Aluminium.

AISI 304 stainless steel

AISI 304 stainless steel

Stainless steel satin finish.

Aluminium housing painted in RAL 9006.

Type 2\*\*\*\*

Control system integrated in the unit.

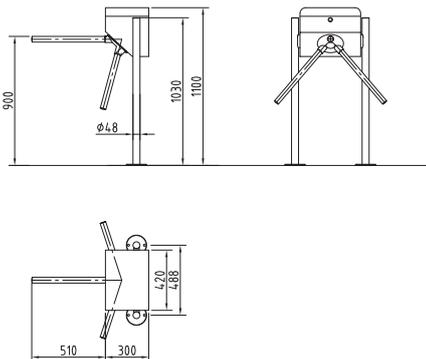
100 - 240 VAC, 50/60 Hz, 253 VA.

10 VA.

Dowelled on finished floor level, FFL.

Suitable for outdoor installation.

Housing IP33, components conducting supply voltage IP43.



**TPB-L04**

Housing for attachment to equipment provided by the customer.

Signal device red/green display, square version flush-mounted in the housing.

Plastic.

-

Aluminium.

Grey plastic RAL 7016.

Type 0 \*

Type 1.1 \*\*

Type 1.2 \*\*\*

Control system integrated in the unit, power supply provided by customer.

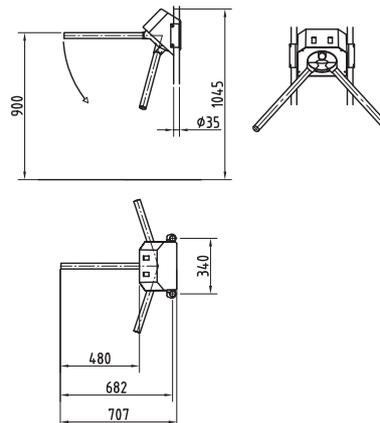
24 VDC.

10 VA.

Clamp fixing, Ø approx. 35 mm to equipment provided by the customer.

Not suitable for outdoor installation.

Housing IP33, components conducting supply voltage IP43.

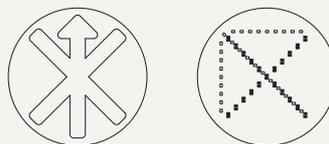


# Options (depending on unit type)

	TPB-E01	TPB-C01	TPB-L06	TPB-L07	TPB-S03	TPB-L04
<b>Construction</b>						
Plastic cover plate	•					
Base column AISI 304, stainless steel with satin finish.						•
Base column rounded.	•					
<b>Function</b>						
Counter, random generator with horn.	•	•	•	•	•	
Escape route module with emergency push-button, additional emergency push-button available.	•	•	•	•	•	
Collapsible bars on unit types 1.1, 1.2 and 2. Automatic reset on type 2.	•	•	•	•	•	•
<b>Electrical equipment</b>						
Installation preparation on flat surface.	•		•			
Different consoles made completely of stainless steel or plastic.				•	•	
Push button on flat surface.	•	•	•	•	•	
Operating panels and frames or surface mount housing.	•	•	•	•	•	•
Additional circuit boards for expanding existing inputs and outputs on unit type 2.	•	•	•	•	•	
Various signal devices.	•	•	•	•	•	
Star hub (connection of max. four OPLs possible).	•	•	•	•	•	
<b>Installation</b>						
Pallet with stainless steel ramp and rubber covering, approx. 1.0 m x 1.5 m, height approx. 32 mm.	•		•			
With substructure X = 80 - 160 mm for sub floor level.	•	•	•			
With substructure X = 80 - 180 mm for sub floor level.				•	•	
With cast-in clamping sleeves and rosettes for structural floor level.					•	



OPL 05 operating panel.



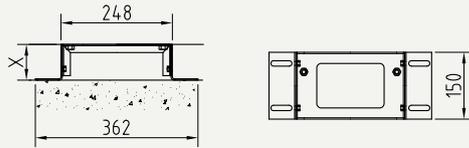
Signal device LED arrow-cross  
(installed in the housing or in the  
cover plate of both sides)



Console 1 with plastic adapter in  
RAL 9006, W/H/D 94/94/65 mm  
with Ø 65 mm cut-out, fixed to  
lateral barrier.

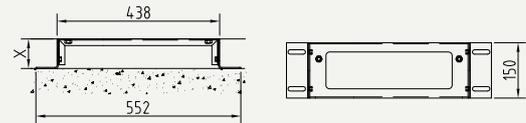
# Installation variants

TPB-E01



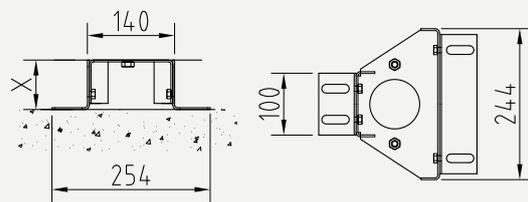
Substructure

TPB-L06



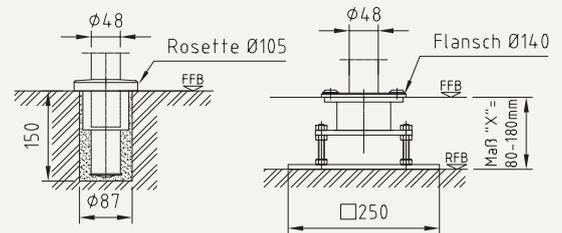
Substructure

TPB-C01



Substructure

TPB-S03



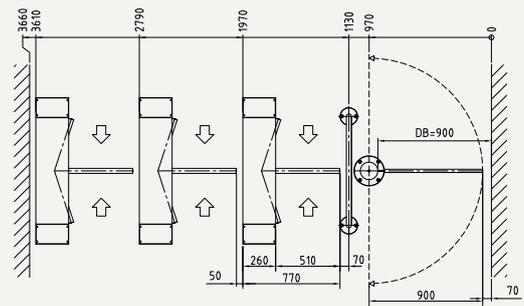
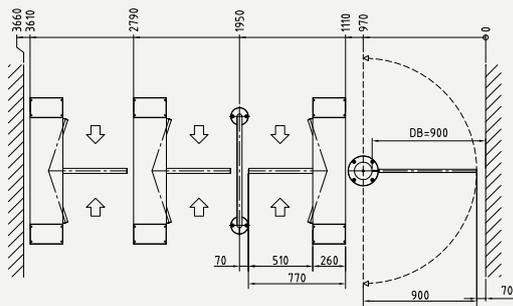
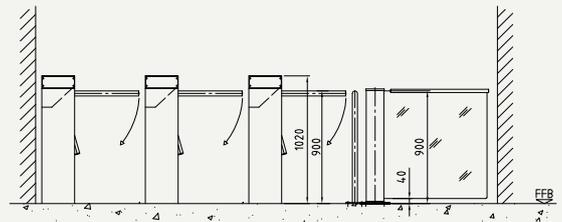
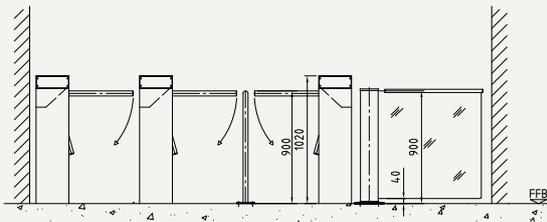
Cast-in

Substructure

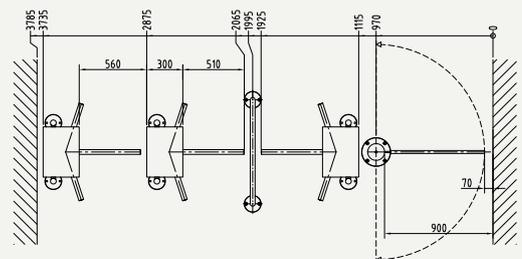
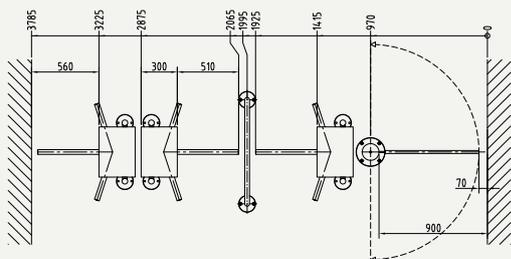
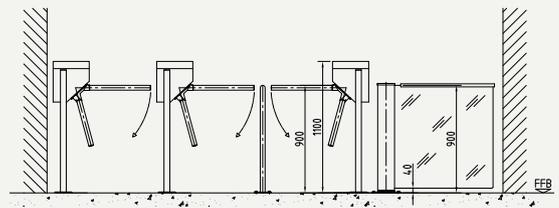
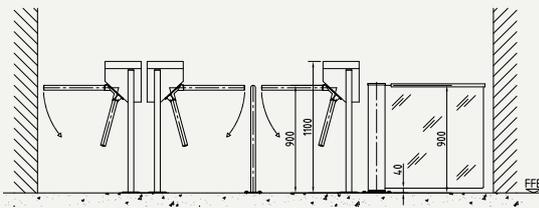
Rosette	Rosette
Flansch	Flange
FFB	FFL
RFB	SFL
Maß „X“	Dimension X

# Installation diagrams

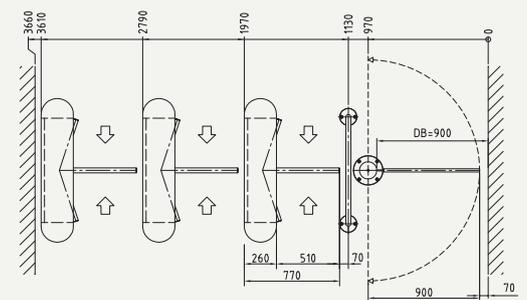
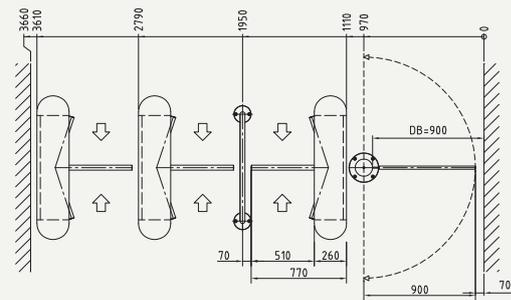
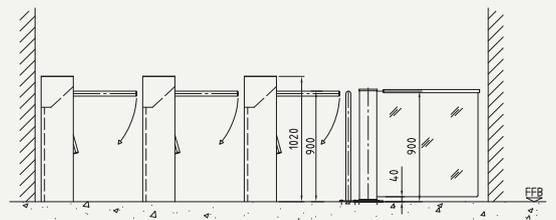
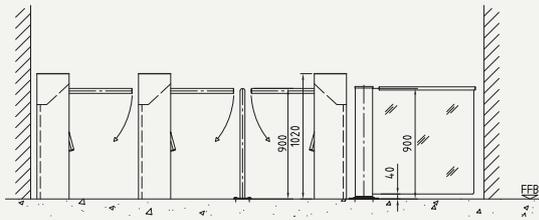
TPB-E01 examples



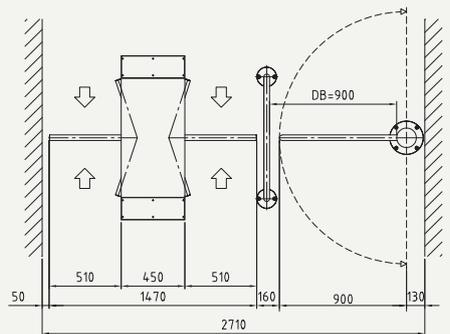
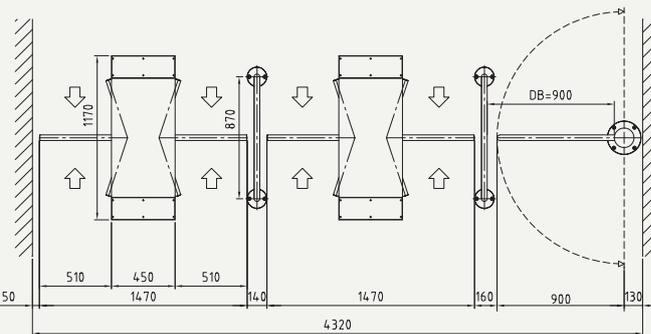
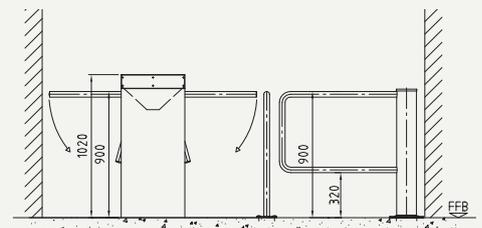
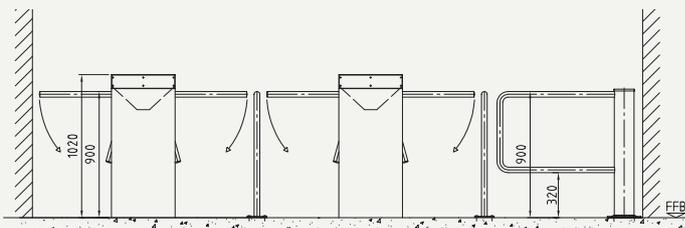
TPB-S03 example



TPB-C01 example



TPB-LO6 example





**Door  
Hardware**



**Entrance  
Systems**



**Electronic  
Access & Data**



**Interior Glass  
Systems**



**Mechanical  
Key Systems**



**Service**

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