

# Raptor Duo

The Raptor DUO full-height turnstile solves the problem of restricting access for facilities with high perimeter security requirements. The Y-shaped modification leaves more room for passage, making it faster and more comfortable for the user, while maintaining absolute reliability of protection against unauthorized access, thanks to the locking system with smart-rotor position control function. The new mechanism was developed taking into account the high requirements for operational characteristics, including climatic conditions and reliability, therefore not requiring frequent maintenance, which gives the option to use the turnstile in places where it is difficult to set-up a permanent guard post. Raptor DUO can be integrated with most access control systems available on the market, which means you can use it as part of an existing access control system, or choose the option that best suits your needs.



**Full-height  
Y-shaped rotor**

the turnstile mechanism  
is designed for high traffic



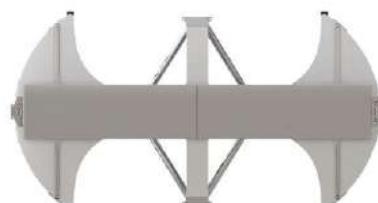
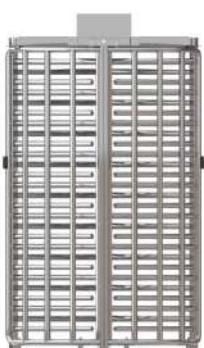
**Locking mechanism**

works even at an abnormal  
load on the rotor



**Dimensions  
and construction**

possibility for installation  
in different locations



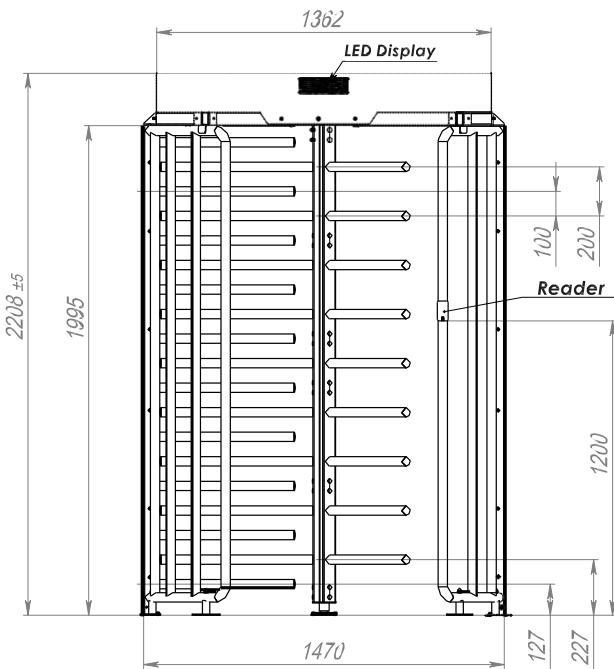
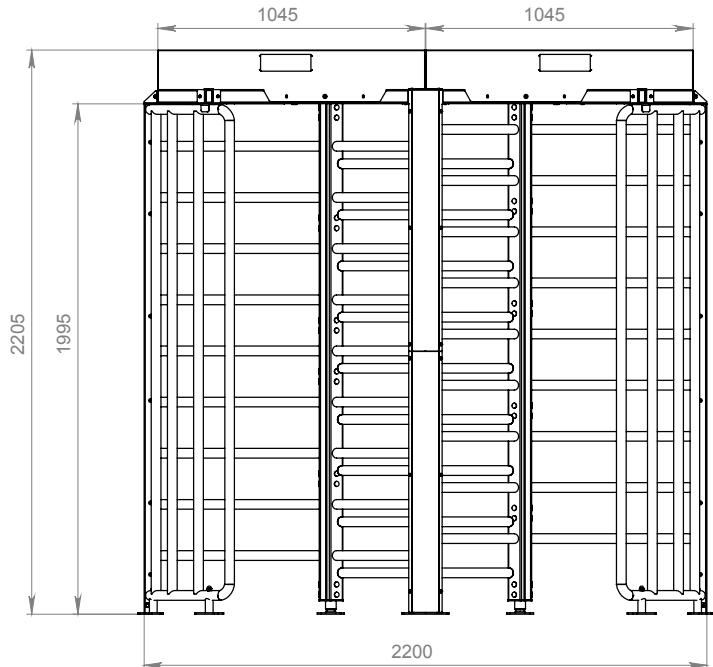
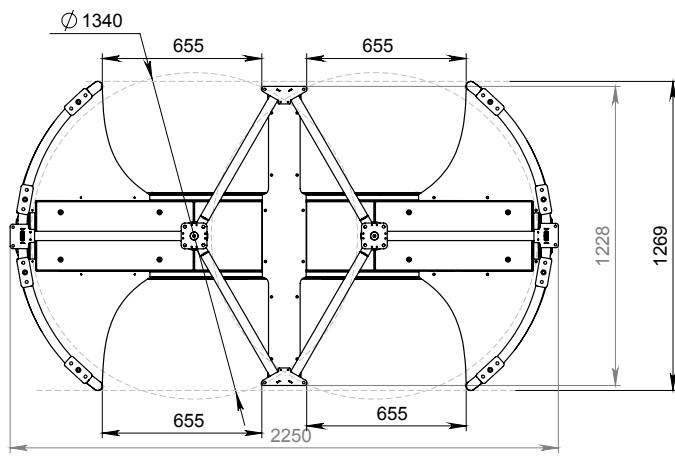


## Functional features:

- NonDrive mode. Fully manual rotation of the 3-blade rotor by the user.
- LightDrive mode. Rotation of a 3-blade rotor at a given speed, the user initiates the passage by pushing the rotor.
- Servo-drive mode. Rotation of a 3-blade rotor at a given speed (8 people / min or 14 people / min).
- Anti-panic mode. Automatically activated in case of power loss. The rotor can rotate in any direction.

## Design options:

Casing: polished stainless steel; brushed stainless steel; painted black metal  
Mechanism: electromechanical enhanced



## Overall dimensions:

Case height	2208 mm
Case width	2205 mm
Case depth	1330 mm
Passage width	650 mm
Weight	333 kg

## Specifications:

DC power supply	24V ± 15%
Passage power consumption	360 W
Idle power consumption	40 W
Capacity	2x20 persons/min and more
Working temperatures	-30...+50°C
Dust and water protection rating	IP 54