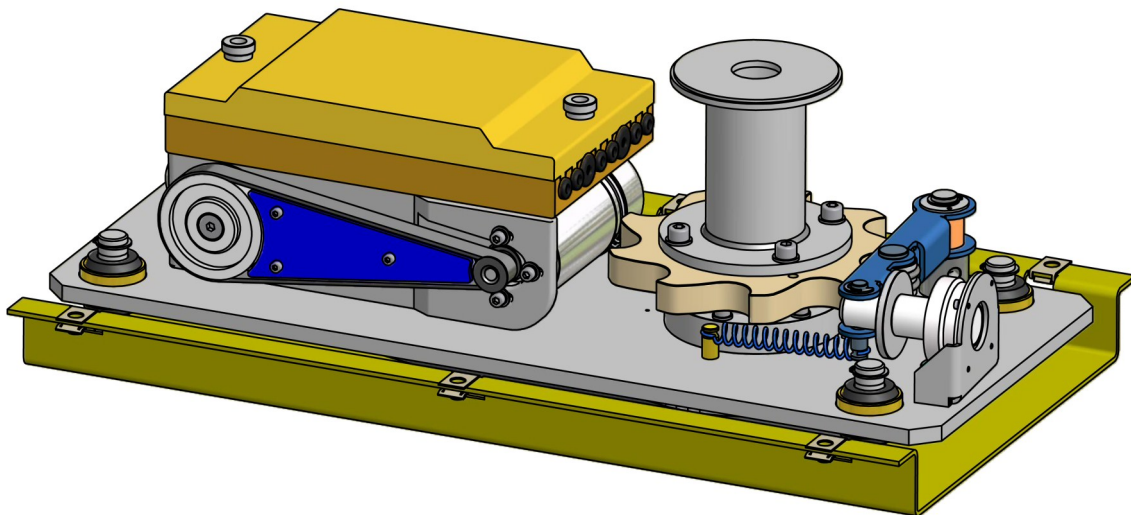


ECCO Plus Drive

Synchronous drive with LOGITURN[®] control unit
for full-height turnstile



The ECCO PLUS drive is a complete, encapsulated unit including an electric motor, gearbox and control unit.

It moves the turnstile in time with the person walking through it and proceeds to the next zero position with a gently ramped braking process after their passage.

The freely programmable LOGITURN[®] control unit can be easily adapted to customer preferences or various mechanical conditions (e.g., setting the speed of rotation). The drive can be set for single or double ECCO series turnstiles with rotors with a 90°, 120° or 180° division.

Thanks to a solid mechanical, auxiliary component with a magnetic brake, the turnstile can be locked in the entrance or exit direction in case of a power failure.

The LOGITURN[®] control unit is also equipped with the required interfaces (with input and output signals) for communication with an additional control system, coin accepters, external control panels and building control systems.

Technical Data:

- Traffic capacity: 1600 persons/hour
- Economic lifespan: 14 years
- Minimum installation space requirement
LxWxH: 600x350x140mm
- Weight: 18kg
- Operating temperature: -20°C to +50°C
- Storage temperature: -40°C to +60°C
- Acoustic pressure
for a distance of 0,5 m: 37dBA
- Holding torque
Safety slip clutch: 180Nm

LOGITURN® 2 Control Unit

- Power supply: 24VAC
- Average output: 20VA
- Power input: 100VA
- 5 freely programmable inputs
- 5 programmable outputs
- 2 relay outputs
- RS-485 interface for networking

LOGITURN® 2 Expansion Module

- 4 relay outputs 8P402
- 4 optical coupler outputs 8P403
- RS-232 interface
- Charge regulator for emergency power supply

Application:

- Full-height ECCO turnstiles

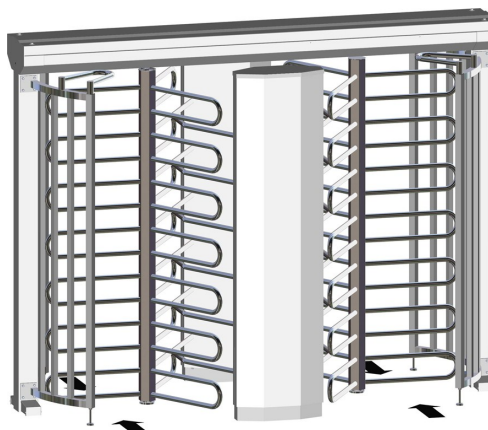
Features:

- High comfort for the user
- Compact size
- Unlocks even under load (alarm situation)
- Complete function-tested,
wired unit
- For entry and exit direction
- Automatic compensation for different bearing
frictions (turnstile floor support)
- Encapsulated housing design
- Compensation of shaft angle error
- Compensation of height tolerances for turnstile
- Corrosion-resistant materials
- Maintenance-free mechanism
- Secure traffic separation
- Quiet, smooth motion
- Overload protection, safety slip clutch to
protect against damage from vandalism

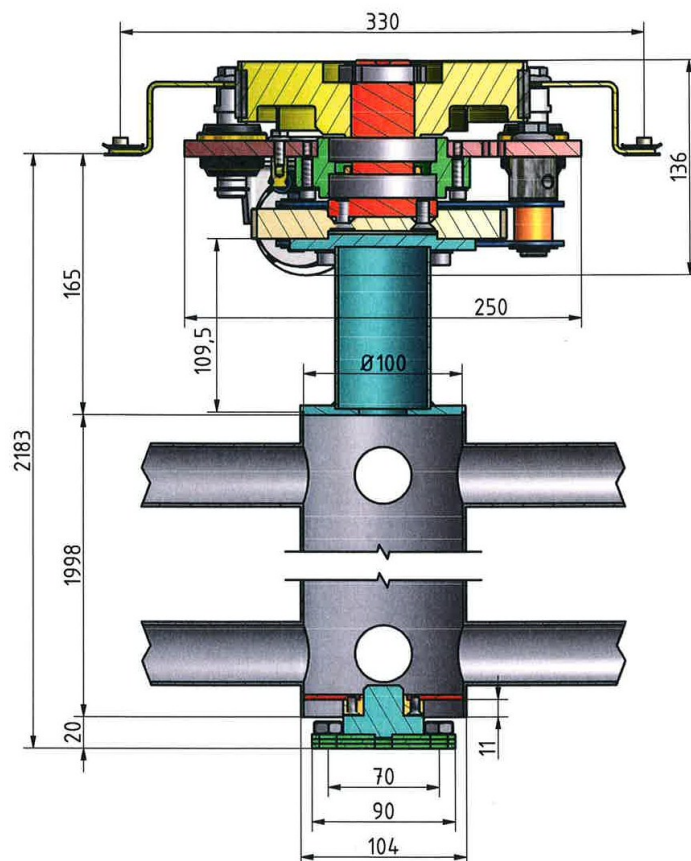
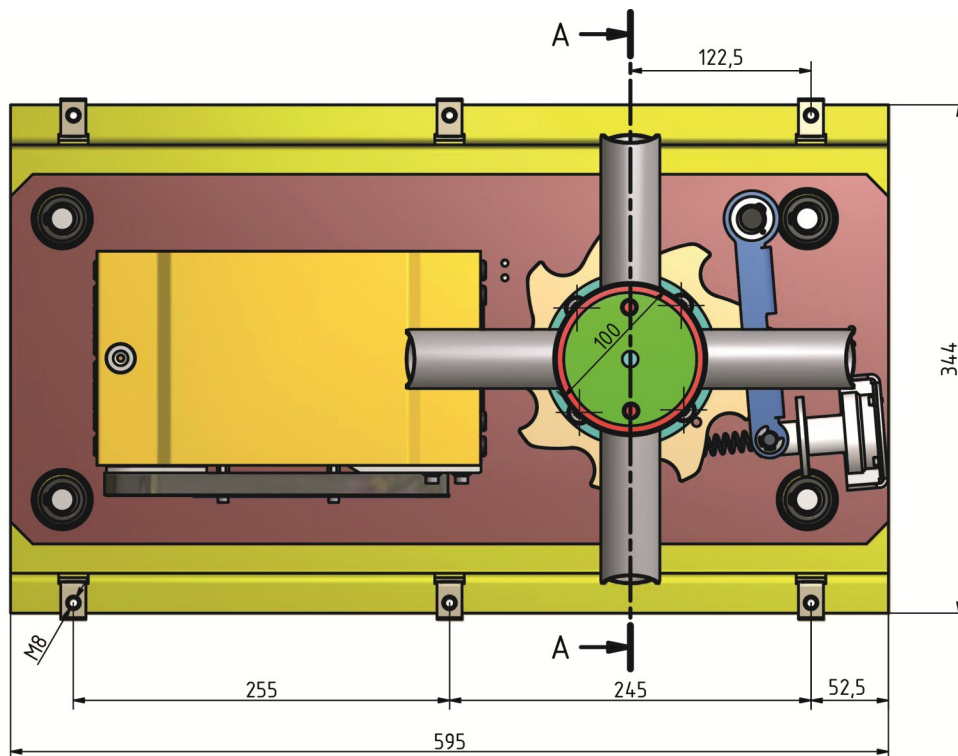
Options:

- Touch-less start
- Signal equipment
- Control panel module for additional inputs,
outputs and interfaces
- Emergency power supply

Product example



Dimensions



Scope of supply:

- ECCO PLUS drive
- LOGITURN® 2 control unit
- Gearbox mount
- 4 mounting bolts
- Welding hub
- Floor support
- Weld-on part for floor support

Models:

- Art. no. **8P530**
ECCO Plus Drive for 4x90°
for full-height ECCO turnstiles
- Art. no. **8P540**
ECCO Plus Drive for 4x90°
for full-height ECCO turnstiles, power-off lock
- Art. no. **8P510**
ECCO Plus Drive for 3x120°
for full-height ECCO turnstiles
- Art. no. **8P511**
ECCO Plus Drive for 3x120°
for full-height ECCO turnstiles, power-off lock
- Art. no. **8P520**
ECCO Plus Drive for 2x180°
for full-height ECCO turnstiles
- Art. no. **8P521**
ECCO Plus Drive for 2x180°
for full-height ECCO turnstiles, power-off lock

Additional Products:

- Art. no. **2P810**
System cable yellow
Li-(Y+2YF)CVY2x2.5+(2x0.5)
- Art. no. **6P920**
Power supply 100 VA, 0-12-24 VAC
for one turnstile
- Art. no. **6P930**
Power supply 200 VA, 0-12-24 VAC
for two turnstiles
- Art. no. **8P402**
LOGITURN® 2 expansion board
for SYNCHRO PLUS with a relay output
- Art. no. **8P403**
LOGITURN® 2 expansion board
for SYNCHRO PLUS with an optical coupler
output
- Art. no. **8P405**
USV 2Ah for LOGITURN® 2
Uninterruptible power supply
- Art. no. **8P406**
USV 10Ah for LOGITURN® 2
Uninterruptible power supply
- Art. no. **8P407**
Surface mounted housing for control panel
for LOGITURN® 2
- Art. no. **8P408**
LOGITURN® 2 control panel
for manual operation of 2 turnstiles
- Art. no. **8P412**
PLUS triggering sensors
IR sensor
- Art. no. **8P501**
LOGITURN® 2 software control panel
incl. RS-232/RS-485 converter
- Art. no. **8P502**
LOGITURN® 2 software control panel
incl. USB/RS-485 converter
- Art. no. **8P430**
Adapter for turnstile
for extending the shaft length