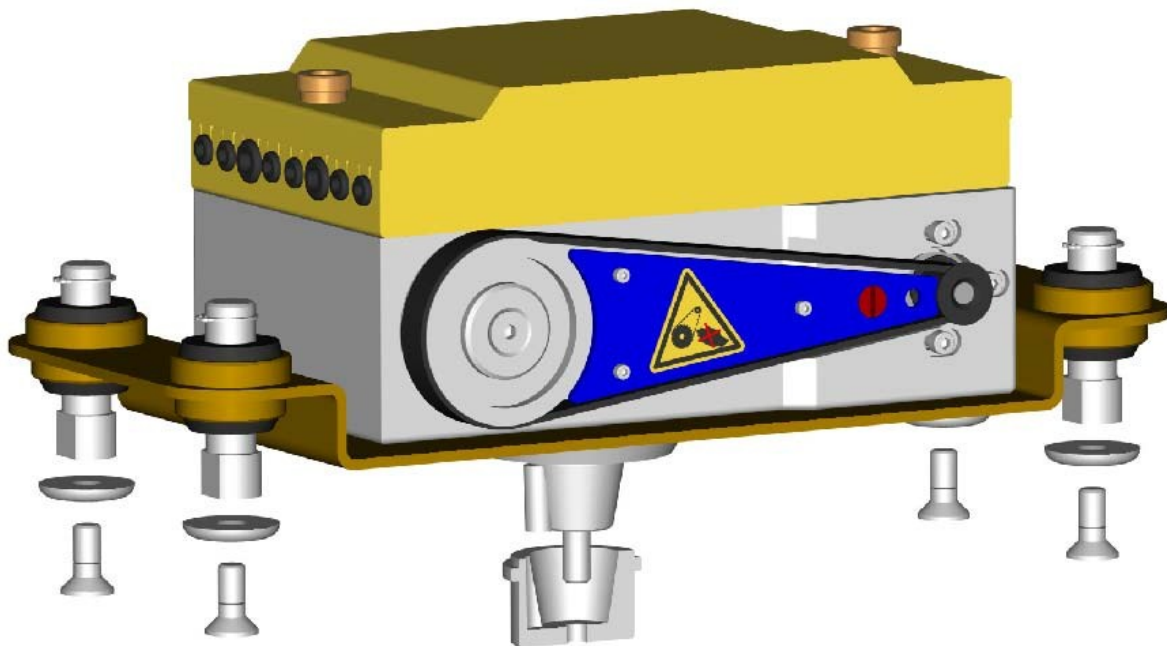


SYNCHRO Plus 8P3XX Drive

Synchronous Drive with LOGITURN® Control Unit
for Turnstiles



The SYNCHRO PLUS drive is a complete, encapsulated unit which can be installed in a wide variety of turnstile housing types. 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.

A central component is the freely programmable LOGITURN® control unit, which can be easily adapted to customer preferences or the mechanical conditions of different turnstiles (e.g., setting the speed of rotation).

It can be used in the following products:
Medium-height turnstiles with a 90°, 120° or 180° division.

The LOGITURN® control unit also has the full range of interfaces and input/output connections for access control systems (such as coin acceptors).

Expansion modules for remote control panels, building control systems and supplementary power in case of power outage can also be added.

Technical Data:

- Traffic capacity: 1600 persons/hour
- Economic lifespan: 14 years
- Minimum installation space requirement
LxWxH: 422x175x150mm
- Weight: 10kg
- 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 Board

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

Application:

- Medium-height turnstiles 90°
- Medium-height turnstiles 120°
- Medium-height turnstiles 180°

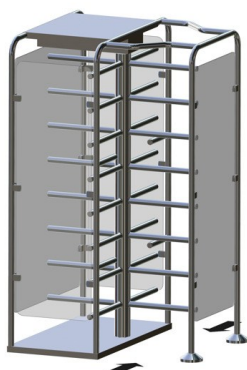
Features:

- 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
- Dampened suspension via buffer blocks
- Quiet, smooth motion
- Overload protection, safety slip clutch to
protect against damage from vandalism

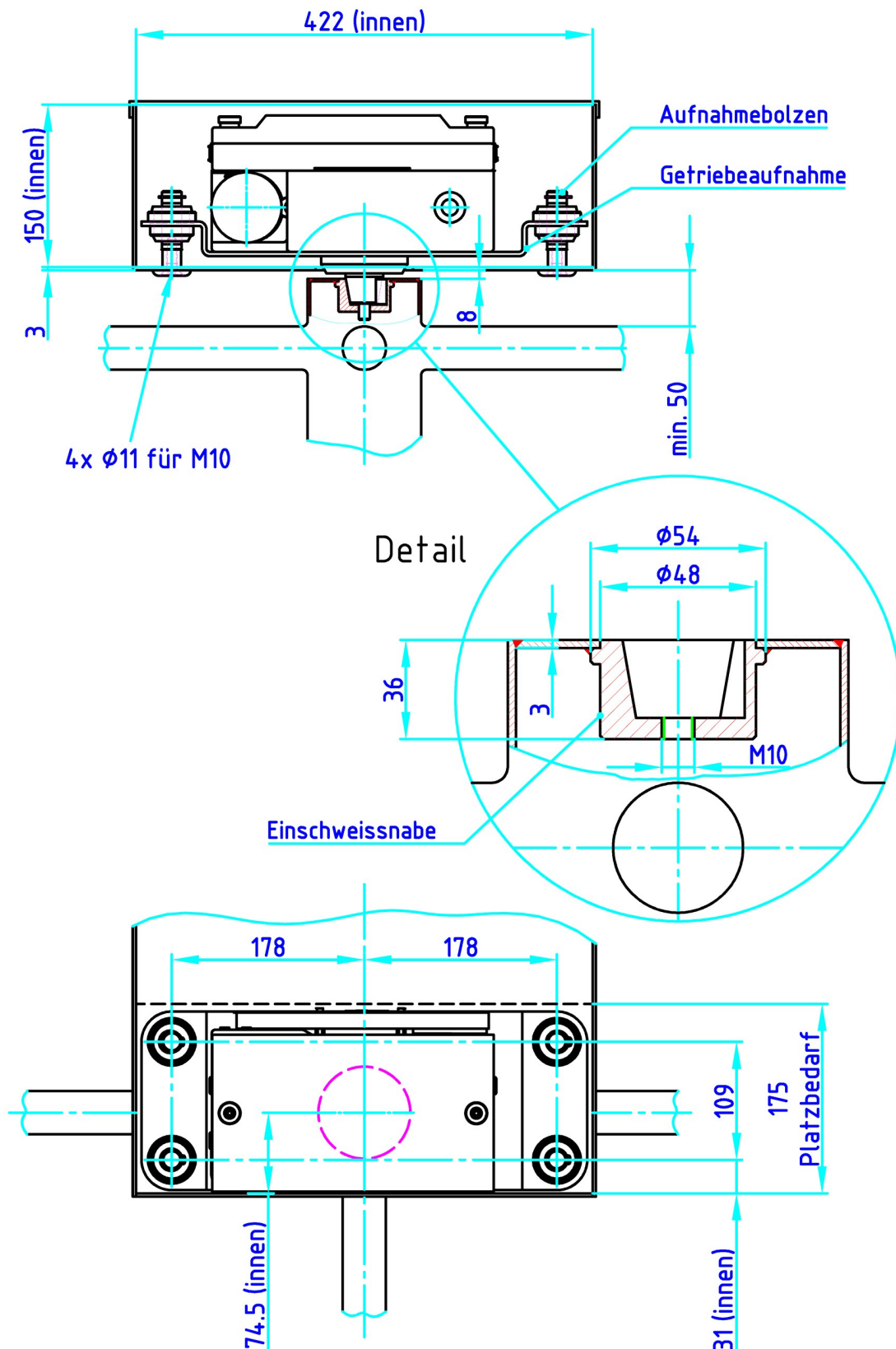
Options:

- Climb-over protection
- Touch-less start
- Signal equipment
- Control panel for remote operation
- Expansion module for additional inputs,
outputs and interfaces
- Emergency power supply

Product Examples



Dimensions



Scope of supply:

- Plus drive
- LOGITURN® 2 control unit
- Gearbox mount
- 4 mounting bolts
- Welding hub
- Mounting parts

Models:

- Art. no. **8P300**
SYNCHRO PLUS drive for 4x90°
for medium-height turnstiles
- Art. no. **8P310**
SYNCHRO PLUS drive for 3x120°
for medium-height turnstiles
- Art. no. **8P320**
SYNCHRO PLUS drive for 2x180°
for medium-height turnstiles

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 200VA, 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