

Product Description

piece single turnstile unit, System Gunnebo TurnSec™

120 °slewing arc

Clear passage width	=	approx. 730 mm	
Passage height	=	2160 mm	
Required space	=	W 1770 mm	without roof build-up
		H 2900 mm	"
		D 1500 mm	"

90 ° slewing arc

Clear passage width	=	approx. xxx mm	
Passage height	=	2160 mm	
Required space	=	W 1770 mm	without roof build-up
		H 2900 mm	"
		D 1500 mm	"

piece double turnstile unit, System Gunnebo TurnSec™

120 ° slewing arc

Clear passage width	=	2 x approx. 730 mm	
Passage height	=	2160 mm	
Required space	=	W 3540 mm	without roof build-up
		H 2900 mm	"
		D 1500 mm	"

90 ° slewing arc

Clear passage width	=	2 x approx. xxx mm	
Passage height	=	2160 mm	
Required space	=	W 3540 mm	without roof build-up
		H 2900 mm	"
		D 1500 mm	"

piece triple turnstile unit, System Gunnebo TurnSec™

120 ° slewing arc

Clear passage width	=	3 x approx. 730 mm	
Passage height	=	2160 mm	
Required space	=	W 5310 mm	without roof build-up
		H 2900 mm	"
		D 1500 mm	"

90 ° slewing arc

Clear passage width	=	3 x approx. xxx mm	
Passage height	=	2160 mm	
Required space	=	W 5310 mm	without roof build-up
		H 2900 mm	"
		D 1500 mm	"

Foundation details per single turnstile unit:

Length: 1900 mm, Width: 1700 mm, Depth: 600 mm

Under frame

Made of solid hollow profiles, with connection for deflecting frame, guide frame and rotor. Prepared for installation on foundation erected on site by others.

Product Description

Top frame

Made of solid hollow profiles, with connection for deflecting frame, guide frame and rotor. Prepared for configuration, with welded in bars as protection against climbing through and with adapter facility for drive unit trough with drive mechanism and control board in connection with electric operation.

Rotor for 120°-slewing arc

Centre post made of steel tube Ø3" (88.9 mm), with top and bottom ball bearing, diameter of outer edge of rotor blocking arms: 1400 mm. Blocking arms ¾" (26.9 mm) diameter, made of circular hollow section, trombone shaped, welded to centre post at 120 ° (i. e. three sets of arms) and 7 per leaf. Distance of rotor blocking arms one below the other approx. 150 mm.

Rotor for 90°-slewing arc

Centre post made of steel tube Ø3" (88.9 mm), with top and bottom ball bearing, diameter of outer edge of rotor blocking arms: 1400 mm. Blocking arms ¾" (26.9 mm) diameter, made of circular hollow section, trombone shaped, welded to centre post at 90 ° (i. e. four sets of arms) and 7 per leaf. Distance of rotor blocking arms one below the other approx. 150 mm.

Deflecting frame/element:

Consisting of rectangular hollow section 30x15 with top and bottom rail made of special trapezoidal profile TR 60x2 mm, manufactured as one single welding unit and with bend radius. Centrally arranged deflecting arms made of steel tube ¾" (26.9 mm) screwed in an obtuse angle to the end post of the deflecting element. Distance of steel tubes approx. 280 mm.

Guide frame/element:

Consisting of rectangular hollow section 30x15 with top and bottom rail made of special trapezoidal profile TR 60x2 mm, manufactured as one single welding unit and with bend radius. The guide frame is designed in such a way that the turnstile unit can not be passed if the rotor is in the 60°-position.

Function 1:

The manually operated turnstile is freely accessible in both directions.

Function 2:

The manually operated turnstile is freely accessible in one direction and mechanically blocked via a non-return device in the opposite direction.

Product Description

Function 3:

The electric motor operated turnstile with Tournamatic® X drive is freely accessible in two directions and in addition electrically locked. The respective opposite direction is blocked via an electro-mechanical non-return device. An electric motor drive prevents the revving up of the rotor.

After individual release into the chosen direction and the user manually engages the drive by a light pressure on the blocking arms of the rotor for a motor assisted passage. Reversing is not possible. The rotor will be locked in the end position.

Control (only for function 3):

The turnstile is fitted with a freely programmable control board. The following access functions are possible:

- individual release in both directions
- permanently free in one direction (after pushbutton use)
- permanently free in both directions (after pushbutton use)
- individual release in one direction, permanently free in the other direction (after pushbutton use)
- connection facility for operating device such as card reader, coin reader, etc.
- automatic locking after elapsed time (TIME-OUT)
- locking in entry direction in case of power failure
- connection of signal lights
- start-up memory for high passage efficiency

Installation of control board in drive unit assembly:

Operating voltage = 230 V / 50 Hz
 Power input = 500 VA per turnstile
 Control voltage = 24 V DC
 Release signal = in case of operating devices supplied by others
 Pulse duration = min. 0.2 sec / max. 0.5 sec
 Loading = min. 100 mA – 24 V DC

Corrosion protection:

Long term corrosion protection by layers of undercoating and coating

- supplied with coated finish in RAL 9006, 6005, 7016, 7030 or 9010.
- turnstile supplied with high quality galvanised and coated finish. Colour: _____ RAL _____.

Material and installation per unit _____ EUR _____ EUR

_____ piece extra charge for foundations

complete foundations incl. ground excavation and transfer to containers provided by others on site

Extra charge per unit _____ EUR _____ EUR

Product Description

- _____ **piece extra charge for turnstile canopy made of makrolon „Longlife Plus“**
 The makrolon cover is firmly attached to the upside of a steel construction.
 Turnstile canopy for single turnstile unit
 Turnstile canopy for double turnstile unit
 Turnstile canopy for triple turnstile unit
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for turnstile canopy made of steel panel, single shell**
 Consisting of steel sheet panelling with top cover areas and upturn beams around the top frame. The drainage of water is accomplished via an inside drainage duct through the support post of the turnstile side elements.
 Turnstile canopy for single turnstile unit
 Turnstile canopy for double turnstile unit
 Turnstile canopy for triple turnstile unit
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for turnstile canopy made of steel panel, double shell**
 Consisting of steel sheet panelling with top cover areas and upturn beams around the top frame. The drainage of water is accomplished via an inside drainage duct through the support post of the turnstile side elements. The bottom panelling is via inserted panels.
 Turnstile canopy for single turnstile unit
 Turnstile canopy for double turnstile unit
 Turnstile canopy for triple turnstile unit
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for guide element/housing**
 Consisting of a construction of steel/aluminium sheet. Full height doors are fitted to the front panels on both sides. The doors enable free access to the control board elements. Two profile cylinder locks respectively prevent the unauthorised opening. The door panels of the guide housing can be used for the installation of card readers, intercom systems, etc. The guide element is designed in such a way that the turnstile unit can not be passed if the rotor is in the 60°-positi on.
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for rotor made of steel tube**
 Turnstile made of steel tube Ø 3" (88.9 mm), top and bottom ball bearing, diameter of outer edge of rotor blocking arms. Blocking arms 5/4" (42.4 mm) diameter, made of circular hollow section, welded to centre post at 120 ° (i. e. three sets of arms). Distance of rotor blocking arms one below the other approx. 120 mm.
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for bicycle passage way**
 Rigid design, carried out as railing panel
 Extra charge per piece _____ EUR _____ EUR

Product Description

- _____ **piece extra charge for turnstile lighting**
 With two lights each, 20 W, attached to the underside of the top frame or the underside of the canopy
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for stainless steel**
 extra charge for rotor made of stainless steel polished, grain 240
 extra charge for rotor, deflecting frame and guide frame made of stainless steel polished, grain 240 top and bottom rail consist of flat section.
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for cut-out for external card readers**
Measurements:
 width: max. 110 mm
 height: max. 500 mm
 installation depth: max. 60 mm
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for sensor**
 After individual release and entering of the turnstile the rotor automatically commences the turning motion and turns until the end position is reached.
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for locking of turnstile unit**
 for turnstile with manual operation
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for unlocking of turnstile unit**
 for power-operated turnstiles:
 The entry direction is freely accessible in addition to the exit direction in case of a power failure.
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for push button for individual release entry or exit direction**
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for table console**
 single turnstile unit
 double turnstile unit
 triple turnstile unit
Functions:
 - individual release for entry direction
 - individual release for exit direction
 - permanently free in entry direction
 - permanently free in exit direction
 - blocking
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for twilight switch**
 turns the lighting of the turnstile on and off automatically
 Extra charge per piece _____ EUR _____ EUR

Product Description

- _____ **piece extra charge for key pad**
Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for code card reader**
contact-free / proximity card reader (max. 200 cards), incl. master card
Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for code cards**
 approx. 85 x 55 mm, white
 as key fob (anthracite)
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for intercom system**
 with 1 bell button and 1 house telephone make Comelit
 with 2 bell buttons and 2 house telephones make Comelit
 with 1 bell button and 1 house telephone make Siedle
 with 2 bell buttons and 2 house telephones make Siedle
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for additional house telephone**
 Type make Comelit
 Type make Siedle
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for additional intercom system**
 with 1 bell button make Comelit
 with 2 bell buttons make Comelit
 with 1 bell button make Siedle
 with 2 bell buttons make Siedle
 Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for visual indicator lamp**
fitted to the turnstile showing the release of passage way
Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for coin reader**
(only in connection with a media column)
Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for coins**
Extra charge per piece _____ EUR _____ EUR
- _____ **piece extra charge for control column**
 design galvanised
 design coated, colour _____, RAL _____
 media column with base plate, width 550 mm,
 depth 250 mm for coin reader or control elements
 supplied by others
 lighting for media column, activation supplied by others
 Extra charge per piece _____ EUR _____ EUR

Product Description

_____ **piece extra charge for anchor set for control column
consisting of:**

4 nos. anchor rods M12 x 130 mm incl. cartridges

Extra charge per piece _____ EUR _____ EUR

Manufacturer:

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