# SXK-SGZ03

# Compact Tripod Turnstile

## Product Function

The SXK-SGZ03 controls pedestrian entry through a compact vertical cabinet. The mechanism stays locked until an access controller or push button authorises one passage. Entry and exit can be electronically controlled, with a free-direction setting available. The horizontal arm drops for emergency passage.



SGZ03



SGZ03S



SGZ03C2



SGZ03D2

| Throughput | Passage width | Rated power |
|---|---|---|
| 25-40 persons/min | Up to 550 mm | 60 W |

## Features

**Emergency drop arm.** The horizontal arm can drop to clear the lane in an emergency.

**Stainless steel construction.** SUS304 cabinet and arms support indoor and outdoor use.

**Smooth passage.** An electromagnetic mechanism with hydraulic buffering supports controlled rotation.

**Clear guidance.** Pictograms indicate access permission and direction of movement.

**Flexible integration.** Reader mounting plates and dry-contact interfaces accommodate third-party controllers.

**Automatic option.** A fully automatic brushless mechanism is available as an alternative to the standard semi-automatic unit.

## Application Scenarios





Office entrances, schools, bus stations and other managed pedestrian checkpoints. The compact cabinet supports sites with limited floor space; guide rails can define multiple lanes.

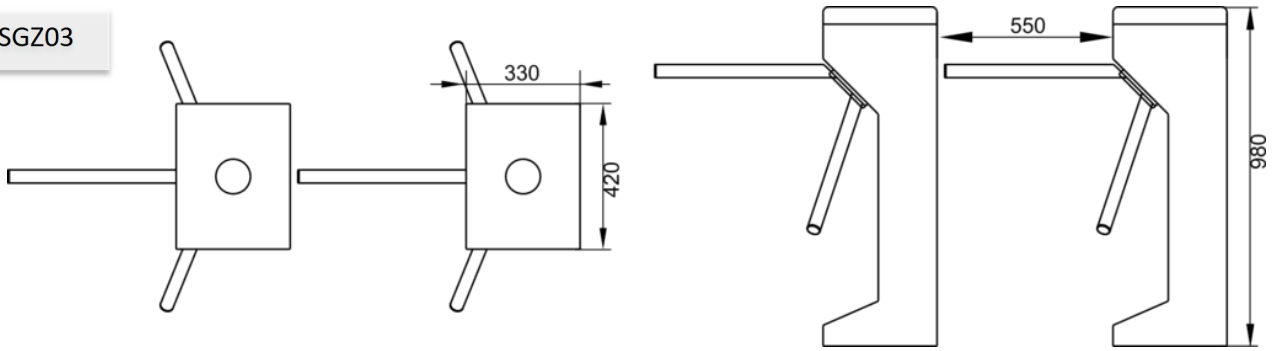
Example lane arrangement; readers, rails and finishes depend on the selected configuration.

## Technical Parameters

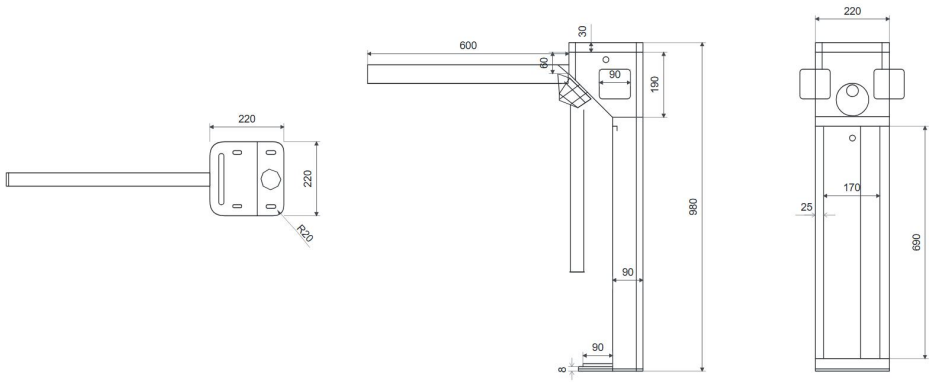
| Parameter | Specification |
|---|---|
| Model / product type | SXK-SGZ03 / Tripod Turnstile |
| Cabinet size L x W x H | SGZ03: 420 x 330 x 980 mm<br>SGZ03S: 220 x 220 x 980 mm<br>SGZ03C2: 480 x 240 x 980 mm<br>SGZ03D2: 480 x 280 x 980 mm |
| Clear passage width | 550 mm |
| Throughput | 25-40 persons/min |
| Rated power | 60 W |
| Cabinet material | SUS304 stainless steel; 1.5 mm thickness |
| Standard mechanism | Semi-automatic electromagnetic mechanism with hydraulic buffer |
| Optional mechanism | Fully automatic brushless motor mechanism |
| Control input and output | Dry contact / relay signal |
| Emergency function | Drop arm for emergency passage |
| MCBF | 5 million cycles, electromagnetic; 8 million cycles, brushless option |
| Gross weight | 45 kg |
| Ingress protection | IP54 |
| Operating temperature | -28℃~+75℃ |
| Operating humidity | 5-85% |
| Working environment | Indoor / outdoor |

## Size Drawing

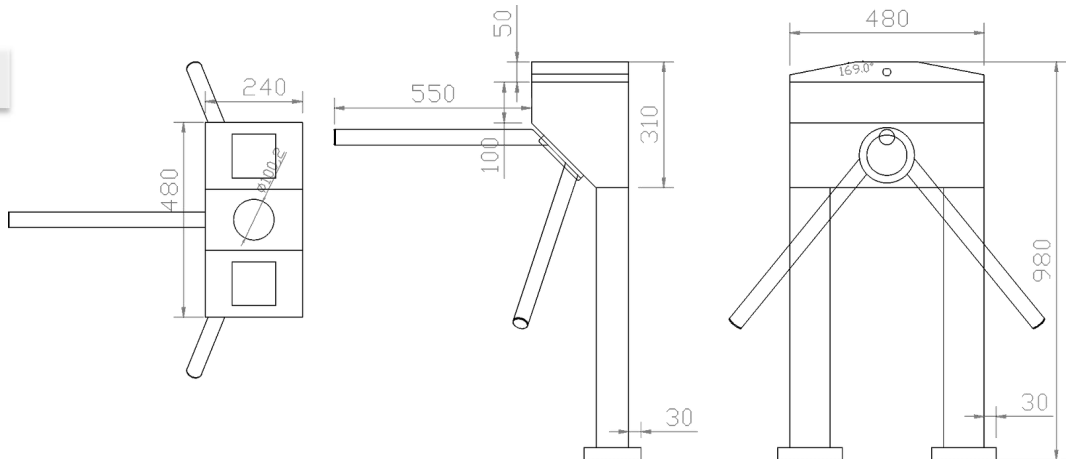
SGZ03



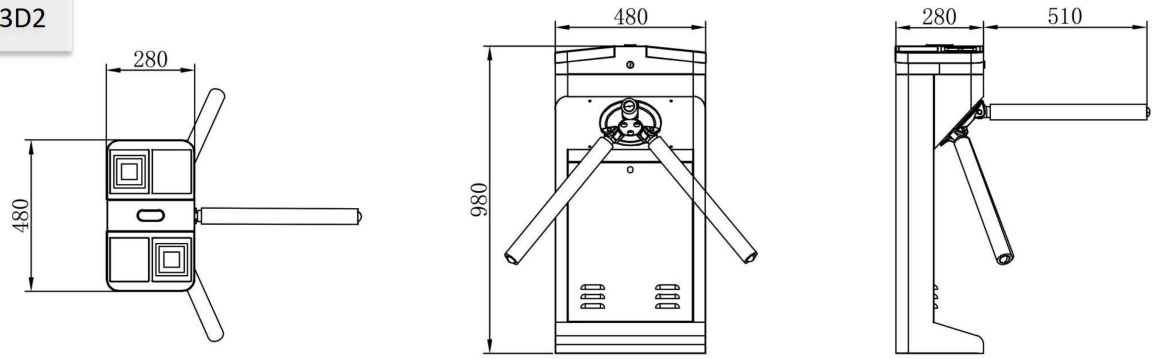

SGZ03S




SGZ03C2




SGZ03D2




Dimensions in mm.