

Safedoor is an innovative automatic door opener for CNC machines. It enables robotic machine tending and improves operator ergonomics.



The system is easy to install and does not require any custom engineering. Safedoor is most often used in automation projects in conjunction with a robot (often a cobot) to open and close the door of the machine, allowing the robot to move parts in and out of the machine.

Order your Safedoor today and start your CNC machine automation and improve operator ergonomics.



Contact us today for more information.

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CNC

Safedoor

**Door Opener for
next level CNC Automation**



Design in Odense, Denmark by

Made ⁴
CNC



Improve Operator Safety

- Build-in force monitoring detects excessive force or obstructions
- Back-away safety function provides a safe work environment for the operator



Easy and Flexible Installation

- The linear actuators eliminates the need for custom engineering and brackets
- No custom enclosures, saving time and money in project planning



Perfect fit for your CNC Machine

- Retrofit onto existing single- or double door CNC machines with the all-included kits
- 75cm, 100cm and 130cm standard strokes and custom strokes from 60cm to 160cm available



Seamless integration

- Communicates with CNC machine and robot through separate communication interfaces
- Software plugins available for Universal Robots, Fanuc, Doosan, ABB, Kuka, Omron, and Kassow Robots



Reliable Operation with Safedoor

- Automatic configuration adjusts motion profiles for optimal and reliable operation
- Back-driveable system allows for manual operation during emergencies or power outages

Safedoor is designed with operator **safety, ease and flexibility** of installation and integration, as well as reliability in mind. It is **retrofittable** onto existing CNC machines and comes in a **all-included kit** with controller, mounting hardware, operator panel, and either one or two actuators for **single or double door** machines.



Features

- ♦ Kits with standard strokes of 75cm, 100cm, and 130cm
- ♦ Custom strokes from 60cm to 160cm upon request
- ♦ Built-in force monitoring system
- ♦ Automatic configuration of the motion profiles to the specific door
- ♦ Linear actuators for easier and flexible installation
- ♦ No custom brackets or enclosures required
- ♦ Dual control interface, allowing control from- and providing feedback to both the CNC machine and a robot
- ♦ Back-driveable for easy movement when the system is powered off
- ♦ Software plugins available for Universal Robots, Fanuc, Doosan, ABB, Kuka, Omron, and Kassow Robots
- ♦ Emergency stop input for simultaneous stop when CNC and/or robot is emergency stopped