



NORDIC 344-protect NORDIC 344-rollback

The most advanced machine
protection doors on the market
– with patented design



NORDIC 344-protoc and 344-rollback

Increases personal safety and protects against noise, dust and weld sparks.



Prevents machine-related work accidents

Increases personal safety – especially when working near automated machinery.



Safe opening/closing

Safety photocell curtain protects the entire door opening touchless when closing.



Locked door panel into the frames

Can only be pushed in a limited distance, why the door can be located closer to the workstation.



Super slim frames

Only 80 mm wide – with integrated safety features.



Rapid and silent function – up to 2,5 m/s

Advanced vector control with soft start/soft stop for low noise level.

Robust machine protection door

Door panel – with patented safety

The NORDIC 344-protoc and 344-rollback door panel is constructed with two layers of mono/multifilament fabric, coated with PVC. The door panel is 2 mm thick and extremely durable. It has a smooth finish, is resistant to most chemicals and even weld sparks. With carbon fibers woven into the fabric, it is also protected from static electricity.

The door panel edges have integrated edge holders, preventing the door panel from being pushed – a patented safety feature.

The door panel, available in a number of colours, can also be supplied with a with a 2 mm thick seamless welded-in transparent vision panel which is extremely resistant to wear, just like the door panel

Colour choice (RAL)

Standard: 5007 och 7038.

Option: 1023, 3000, 2004 and vision panel.



5007 7038 1023 3000 2004

Operation – fast and reliable

The drive unit, NORDIC DRIVE A4.0, consists of a robust worm gear drive and an advanced vector-inverter control with monitored brake function. The worm gear, which is heavily dimensioned, can handle up to 7 openings per minute and has an integrated absolute encoder. (Batteryless).

Opening speed up to 2,5 m/s.

Closing speed up to 1,2 m/s.

The speeds can easily be adjusted from the display.

Automatic closing with adjustable time, is easily programmed from the display.

Frame columns – compact and space saving

Frames, covers and the bottom beam are made of anodized aluminum in a compact design (only 80 mm wide and easily detachable).

The safety photocell curtains are mounted, well protected, inside the frames.





Advanced machine protection door

Rapid and reliable.

Control – with opportunities

NORDIC 344-protoc and 344-rollback has a flexible control, the NORDIC drive A4.0, which can be provided with programs for all kinds of operation features. NORDIC drive A4.0 has a 4.3" full colour touch display for programming and showing operational information.



Safety – at a high level

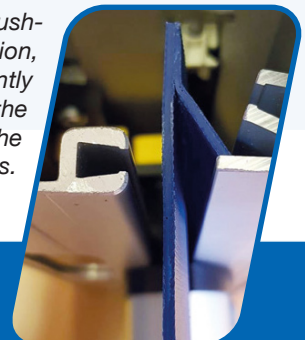
The door frames have an integrated safety photocell curtain which monitor the entire opening and makes the door stop contactless if any obstruction occurs in the opening. The curtain function is continuously monitored by a safety module integrated in the control. The door is also available with an automatic emergency opening function as option.



Bottom profile with rounded top for improved safety.

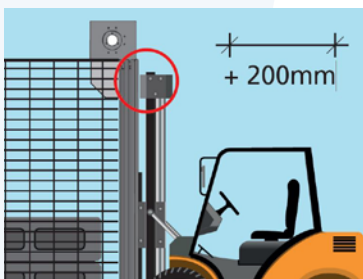


Patented push-out protection, efficiently locking the door into the frames.

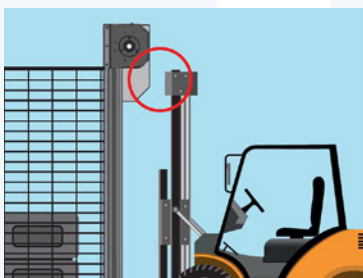


NORDIC 344-rollback – further space saving design

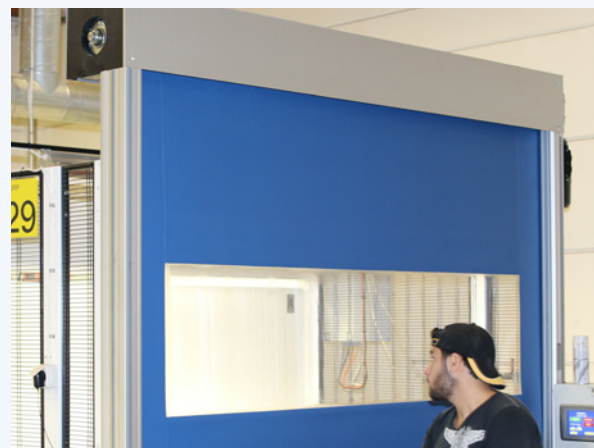
Allows forklift trucks to get closer to the door when changing tools in the cell.



Rollback model – top roll behind the door for the need of a maximum compact cell, and highest possible safety with all moving parts inside the cell.



Protoc model – top roll front side for the need of simple installation against flush surfaces or against fence posts. Servable outside the cell.



Options – increases the range of use

Both door models can be customized to suit special requirements e.g. door panels for high temperature applications, ESD safe doors, etc. Optionally available are also various brackets for fixing the door against fences and free-standing steel stands for erection.



A reliable partner

NORDIC door is the leading roll door manufacturer in Sweden.

Inhouse design and manufacturing of the doors in the plant in Halmstad ensures that the doors meet high quality- and functional requirements. Thanks to inhouse manufacturing, spare parts are always easily available! The NORDIC doors have a documented life length of more than 30 years.

Swedish manufactured high speed roll doors since 1991

Technical specification

- Power supply input range 208-240V, single-phase, 10A, as standard. optionally supply 3x400V.
- Temperature range 0°C to +50°C.
- Standard door dimensions up to 3500 x 3500 mm.
- Control box protection class IP 65, Motor IP 55.
- 24V (PELV) with up to 2000 mA for external equipment (e.g. traffic lights).
- Motor cables standard = door height +1 m, other lengths optional (max 15 m).
- Future software updating is simply done by USB or SD-card.
- Choice of display languages.
- Class 2 PLC or optionally PLd



NORDIC door ab

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NORDIC is a registered trademark.

Installation

- Prepared for fixing to various fencing systems.
- Rigid and self-supporting door structure, fitting the door direct to a machine or a fence is possible.
- Simplified installation as the top roll assembly with top roll, top brackets and drive unit can be installed as a unit.

