**Plant protection doors**

* High-quality and individual produced doors for plant and

machinery protection.

* Available as sectional, lifting and roller door.
* Integration into machine enclosures possible.
* Combinable with noise insulation and explosion-prevention.

**Door leaf:**

The sections are produced individually according to door and installation situation.

The door leaf can also be designed as a lifting or roller door.

**Door guide:**

Hinges and castor holders are made of galvanized sheet steel. Castors are equipped with dust-proofed bearings. The castors are inserted in the front side of the section and are not visible in mounted condition.

**Guide rail:**

The guide rails are made of galvanized steel sheet. The vertical guide rails come with a round anti-trap protection as well as an integrated track cable duct.

**Fittings:**

Standard fittings for a lintel height of min. 750 mm. Further types of fittings such as high lift fittings > 750 mm, fittings for slanted roofs or vertical fittings are possible.

**Drive & Control:**

A specially coordinated drive and control system. Due to miscellaneous independently adjustable parameters in the control the door can be run like standard industrial doors.

The door can be linked directly to the plant. For a query, safety limit switches are required. Also higher performance levels like PLd/ cat. 3 and PL e/ cat. 4 (EN ISO 13849-1), SIL 3 (EN 62061) can be realized. The evaluation of the safety limit switch is carried by the plant control.

**Additional option EX-prevention:**

Jansen produces doors according to the requirements of explosion prevention according to EUROPEAN directives 94/9/EG and 1999/92/EG for hazardous areas. Mechanical and electrical components in the area of the ATEX zone with ignition source analysis, risk assessment and deposition.

**Soundproofing:**Jansen's plant-protection doors are available with the additional option noise insulation as

* Soundproofing sectional door up to 42 dB.
* Soundproofing lifting door up to 42 dB.
* Soundproofing roller door up to 54 dB.