



Gate Automation Systems (Irl.)

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Side Drive Electro-Mechanical Speedgate

Self-supporting door construction, based on a door construction made of galvanised and ground painted tube profiles. The side units carry the static from the total door including the wing bearing system and the 2 motor units, which are integrated in the side columns (each wing with own motor unit). This construction is a ground free system without any guide at the bottom. Nearly no noise development.

Door Frame

- The door frame is composed of two side columns with a central guiding profile for the roller bars of the wings
- The basis of the door consists of 4 wings, which are joined together by double hinges
- The hinges are galvanised pressure bearings with secures axes
- The upside guiding device has a ball bearing to ensure proper motion in the upside track
- The grill-covering of the wings is a tube construction welded in a basic frame - twist save construction
- The frame and grill construction is done using 30/30/2 tubes, as well as being galvanised and ground painted
- The finish painting is a RAL colour selected by the Client



Drive Unit

- 2 Electro-mechanical motor units
- Performance of the motor: 0.45 kW with integrated electrical frame (acc. To technical req. even more), 230/ 400V, 50 Hz
- Different voltages on request

Gear

- Spur wheel drive with declutch device to manoeuvre in case of emergency (power failure)
- Opening and closing speed: 5 seconds
- Control voltage: 24V AC or other on request



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Safety Devices

- Friction clutch at the drive unit
- 2 units electrical
- Vertical safety edges
- 1 unit horizontal safety edges at the door wing closest to wall
- 1 unit self controlling photo cell
- All the a.m. safety devices are standard
- On request: remote control, radar, induction loops etc.



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