



OSSDEN K45

2500 KG Heavy-Duty Automatic Sliding Gate Opener



2,500 KG MAX. GATE WEIGHT	12 m/min GATE SPEED	1,200 W RATED POWER	45 Nm TORQUE
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Professional Gate Automation Solutions by INTRUST Bangladesh

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OSSDEN K45 Product Gallery

Actual OSSDEN K45 product photographs supplied for this brochure.



OSSDEN K45 front view

Note: Product appearance, control-board configuration and included accessories may vary by production batch or supplied version.



Technical Specifications

Model	OSSDEN K45
Maximum Gate Weight	2,500 kg
Rated Power	1,200 W
Torque	45 Nm
Motor Speed	1,400 RPM
Gate Speed	12 m/min
Maximum Gate Width	Up to 15 m
Power Supply	AC 230V / selected 120V version
Protection Class	IP44
Operating Temperature	-45°C to +65°C
Noise Level	≤56 dB

Key Features

- Heavy-duty operation for large sliding gates up to 2,500 kg.
- Manual emergency release for operation during power failure.
- Suitable for integration with safety photocells and access-control systems.
- Suitable for industrial, commercial, institutional and large residential gates.
- Designed for smooth and controlled automatic gate movement.



Applications, Accessories & Installation

Industrial	Factories, warehouses, logistics and heavy-duty entrances
Commercial	Offices, showrooms, shopping and business premises
Residential	Large villas, gated communities and private compounds
Institutional	Schools, hospitals and controlled-access facilities

Recommended Accessories

Safety	Infrared photocells and warning lamp
Access Control	RFID reader, keypad, intercom, exit button
Smart Control	Wi-Fi / Bluetooth / GSM modules where supported
Vehicle Access	Loop detector
Power Backup	Backup battery solution where applicable

Installation Checklist

- ✓ Ensure the sliding gate moves freely by hand before fitting the motor.
- ✓ Use a correctly aligned and securely fixed rack matched to the motor pinion.
- ✓ Install and correctly position the gate limit magnets/switches.
- ✓ Install safety photocells where required and test the safety function.
- ✓ Provide suitable electrical protection and earthing according to local requirements.
- ✓ Test manual emergency release and full open/close cycles during commissioning.

Professional commissioning by qualified technicians is recommended for reliable and safe operation.



FAQ & INTRUST Contact

Can the K45 handle a 2,500 kg gate?

Yes. The K45 is specified for sliding gates up to 2,500 kg, provided the gate structure, track and installation are suitable.

Can the gate be opened during a power failure?

Yes. The motor has a manual emergency release for manual operation when electrical power is unavailable.

Can it be connected to access control?

Yes. Suitable trigger/access-control devices can include RFID, keypad, intercom and exit-button systems.

Is it suitable for outdoor installation?

The stated enclosure protection is IP44. Correct installation and protection from flooding or high-pressure water are required.

What is the gate speed?

The stated rated gate speed is approximately 12 m/min.

INTRUST Bangladesh

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Specifications are subject to the exact supplied product version. Please confirm final technical data, accessories and electrical configuration before purchase or installation.