

FOR A SMOOTH, SAFE FLOW OF PEOPLE AND GOODS

# KONE SWING DOOR OPERATORS

KONE's comprehensive range of modern swing door operators is designed to meet the needs of a wide range of demanding environments. These energy-efficient solutions are fully automatic, incorporate the latest intelligent operator technology, and provide reliable long-term performance.

## Highly versatile solution with smooth, quiet operation

KONE Swing door operators are easy to program for fully adjustable door operation, and are an excellent way to improve accessibility, convenience, safety, and security in your building. Door opening and closing is smooth and quiet, and the operators' compact, modern design means they are the ideal solution both for new door equipment and automation of existing manual swing doors.

## Intelligent operation in varying usage conditions

KONE Swing door operators use a self-regulating intelligent control system that ensures optimal operation at all times. All our operators are easy to program and adjust for your specific people flow needs, and designed to perform reliably in varying usage conditions. KONE's Smart Door technology enables easy adjustment of the opening and closing speed – as well as the opening angle – of your doors, while ensuring the highest standards of user safety.

### Key benefits

- Improved building accessibility and convenience
- Improved people flow with access control system integration
- Versatile, intelligent solution with adjustable operation for a wide range of environments
- Suitable for both interior and entrance doors
- Compact, unobtrusive designs blend in with surroundings
- KONE UniSwing™ FireSafe is designed for reliable, safe operation of fire-rated doors



### Quick installation with the latest safety features

All our swing door operators feature 'plug-and-play' installation. This means that in both new installations and when modernising existing automatic or manual equipment, your doors can be up and running quickly and with minimum disruption.

They also include a range of standard features designed to ensure maximum safety and convenience for users. For example, the wind-stack feature ensures the door can operate even in windy conditions, while the push-and-go feature means the door is easy to open by hand when required. In addition, KONE swing door operators can also include a break-out function that allows the door to open in the opposite direction in emergency situations.

### The KONE Swing door operator range

**KONE UniSwing™ Compact** – compact operator for all standard swing doors, with a space-saving design that makes it ideal for a wide range of applications

**KONE UniSwing™ Solid** – flexible operator for environments where smooth door closing is essential; includes spring return for closure during power failures

**KONE UniSwing™ FireSafe** – reliable, durable operator for powering heavy fire-rated doors; fulfills EN 1154 and EN 1155 requirements



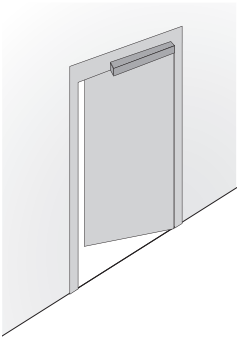
KONE maintains and modernises all types and brands of building doors.

### Product info - maximum door leaf weights (kg)

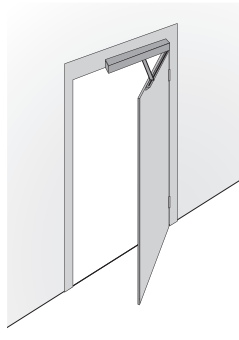
		Compact	Solid	FireSafe PS4	FireSafe PS5
700 mm	Pull	300	230	n/a	n/a
	Push	300	230	n/a	n/a
950 mm	Pull	160	125	200	n/a
	Push	160	125	200	n/a
1,100 mm	Pull	120	95	150	190
	Push	120	95	150	190
1,200 mm	Pull	n/a	80	n/a	160
	Push	n/a	80	n/a	160
1,250 mm	Pull	n/a	n/a	n/a	150
	Push	n/a	n/a	n/a	150
1,400 mm	Push	n/a	n/a	n/a	n/a
	Pull	n/a	n/a	n/a	n/a
Max. door width		1,100 mm	1,200 mm	1,100 mm	1,250 mm

## Installation options

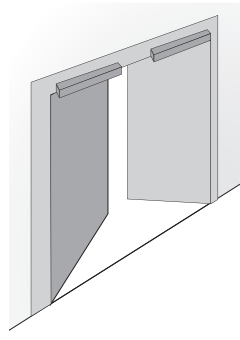
KONE swing door operators can be used with all opening types, and with both DIN left and DIN right doors.



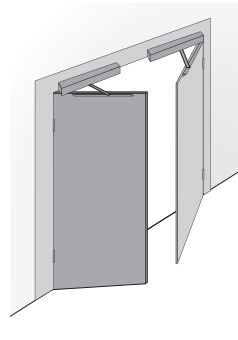
(1-leaf door)  
Side-arm DIN, left or right pushing



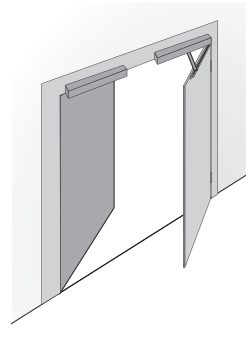
(1-leaf door)  
Standard arm, DIN left or right pulling



(2-leaf door, master/slave operation)  
Two electrically coupled drives with standard arm pushing

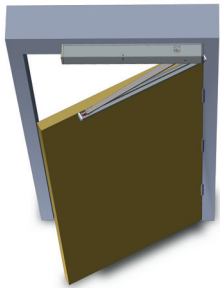


(2-leaf door, master/slave operation)  
Two electrically coupled drives with standard arm pulling

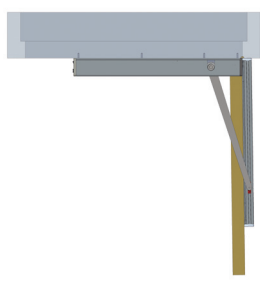


(2-leaf door with two-way traffic)  
Two alternating drives

## Pulling assembly

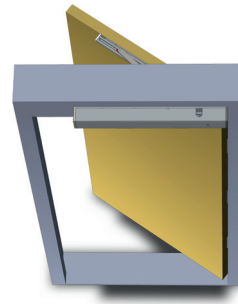


Door frame, front view

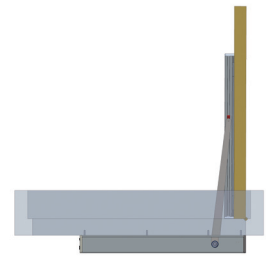


Door frame, top view

## Pushing assembly



Door frame, front view



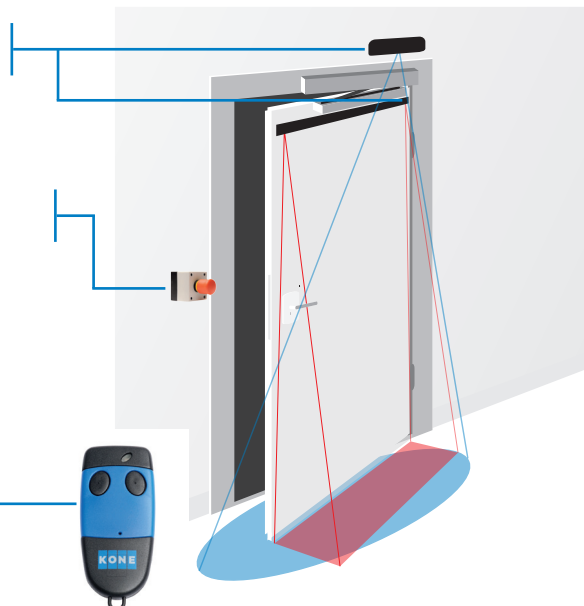
Door frame, top view

## Door operation

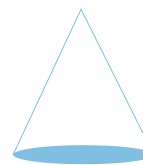
Sensors for automatic door operation

Push pads, push buttons, and switches for manual door operation

Wireless program switch



**Safety (red area):** A sensor installed at the top of the door prevents it from opening or closing if a person or object is detected in the safety zone.



**Activation (blue area):** A sensor, usually installed above the door, causes the door to open when a person or object enters the activation zone.

KONE provides innovative and eco-efficient solutions for lifts, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernisation. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace®, KONE NanoSpace™ and KONE UltraRope®.

KONE employs more than 50,000 dedicated experts to serve you globally and locally.

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