PACK DOORS

Kaiser-Pack is designed in response to industry demands for a strongly constructed fast action energy saving door ideally suited for external use. Its fold-up action, coupled with integral steel windbars, ensures that it can resist winds of over 60mph. For the most severe of wind conditions a double skinned honeycomb version is available.

The Kaiser-Pack is designed for high traffic flows, low cost maintenance and trouble free operation with many hundreds of models in daily operation. It is available in sizes up to 6m x 6m. For internal use we offer the Kaiser-Roll which has a roll-up action.

Standards: The door meets or exceeds the requirements of BS EN 12604:2000 Industrial, commercial and garage doors and gates – Mechanical aspects – Requirements; BS EN 12453:2001 Industrial, commercial and garage doors and gates – Safety in use of power operated doors – Requirements and BS EN12978:2003 Industrial, commercial and garage doors – Safety devices for power operated doors and gates – Requirements and test methods, and is CE marked when fully installed.

Opening Activation: To activate door opening the following methods can be used individually or in parallel: induction floor loops; photo-electric cells; radar; hand-held or vehicle mounted transmitters; push button (single, double or mushroom); pull cord. Where pedestrian access is permitted or unavoidable please consult us for advice on stand-off sensing devices or alternative methods of protection.

Frame: Self supporting 2.5mm mill galvanized steel frame with epoxy powder coated finish in a choice of ten standard colours and limitless non-standard colours. The curtain assemblies are made from mechanically welded 4.0mm steel. The frame is positioned directly to the wall and fixed to the floor.

Drive Unit: The highly rated in line geared electric motor with brake drive provides a reliable standard operation with 1m/s opening speed. The time delay before closing can be varied to suit your requirements. A hollow shaft greased for life is coupled directly to the motor. The curtain is raised and lowered by heavy duty lifting straps. Power is 0.37 to 0.55kW, 230v or 400v three phase with IP55 protection. The brake engages in case of power failure.

Curtain: The fabric is a multi-layered high frequency welded PVC and polyester 900g/m screen, anti UV and saline solution treated, ensuring very high tear resistance and long life. The fabric is available in a choice of ten standard colours and limitless non-standard colours. The curtain rigidity is maintained by steel windbars fitted in watertight sleeves. Optional vision portholes are available.

Draught Sealing: The uprights are sealed by a double row of side brushes which reduce the play between the curtain and the guide and provide an excellent sound barrier. A flexible flap at the bottom of the apron provides the best possible match to an uneven floor surface.

Multi Safety Devices: Jamb-mounted dual safety electro-sensitive photocells constantly monitor to insure safe operation. This prevents the curtain closing if a person has entered the opening. Should the beam be broken during the closing cycle the curtain will be fully raised. Two warning lights flash when the door operates. The multiple horizontal windbars eliminate the need for a troublesome and expensive bottom bar. In case of power failure the clutch can be manually disengaged and the door easily opened by hand. Automatic or semi-automatic curtain override options in case of power failure are available by counterweight assistance safely enclosed within the door columns.

Control Box: Telemecanique controls are within a metal control box with key lock and IP55 sealing protection. Complete with cycle counter, emergency stop, automatic/manual switching and curtain ascent/descent buttons. Control box dimensions are 500 x 400 x 200mm. Polyester or stainless control boxes are available as an IP66 option.

Colour Choices: Standard colours for the frame and curtain are White, Sky Blue, Royal Blue, Cream, Yellow, Dark Green, Grey, Orange, Brown, Red and Black. Non-standard colours are limitless.

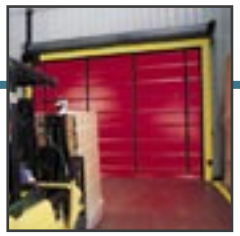
Installation: Kaiser Doors Limited will undertake full preparation, installation, wiring, commissioning and staff training as well as any required in-fills/flashings.

Warranty: We warranty all Kaiser-Pack parts free from manufacturer's defects for a period of twelve months from the commissioning date. The warranty also covers call out charges and fitting charges for replacement parts supplied under the warranty. The warranty does not cover repairs due to accidental damage or misuse, fair wear and tear or any loss of use while replacement parts are being supplied or fitted.

Maintenance: Most doors are subjected to a certain amount of abuse and everyday wear and therefore it is advisable to identify and correct any faults at an early stage. This ensures trouble free operation and avoids potentially costly repair damage. In accordance with the Supply of Machinery (Safety) Regulations 1992, it is a requirement that the end user of all industrial doors establish a fully documented maintenance regime in accordance with the manufacturer's recommendations. Failure to do so may result in prosecution in the event of an accident.

Our Planned Maintenance can help you fulfil your legal requirements and ensure that Health and Safety obligations are met. We will recommend a maintenance programme for your doors relevant to their application, usage, duty, speed of operation and any other relevant local condition.





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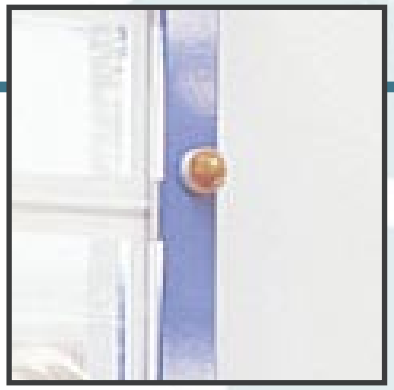
Motor gear box and limits can be replaced seperately if required, thus reducing potential repair costs.



Two flashing lights as standard to warn of door opening and closing. Audible alert option available.

Dual photocells with reflector beams continuously scan opening for any obstruction. The door will return to fully open position if a beam is broken.

Control box with up/down and stop button, cycle counter, time delay and automatic/manual switching.

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Energy Saving

For most companies controlling energy costs is a top priority and fast action doors can offer very quick payback periods. Our fast action doors are designed for intensive use coupled with ensuring optimised traffic flow. Their fast operating speed ensures that draughts and temperature loss are substantially reduced. This reduces energy costs, creates a more comfortable working environment and improves productivity due to markedly reduced operating times.

A typical industrial door takes about ninety seconds to complete its operating cycle. With typical usage this means that the door could be open for over three hours per day. Often the aggravation of opening and closing a conventional door means that it might be left open all day

A fast action door operating at one metre per second with a paused time in the open position of 10 seconds would mean that the door would be closed for two and a half hours more per day.

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Technical View