

Kronos

high speed roll-up door with modular sections



Self-repairability... crash therapy

Kronos is the high speed roll-up door with interchangeable modular sections, which offers the innovative curtain autorepairability system.

High usage requires long-lasting, dependable, high-speed industrial doors suitable for heavy duty.

High operation speed, solid and sturdy structure have long been peculiar features of DITEC products. In special the curtain modular structure is a feature which is greatly appreciated and demanded.

The modular structure allows to change section combination to meet various to operational requirements or to match company colours, it also allows the sections to be rapidly replaced.

Kronos a set ahead that saves time

Kronos has been engineered to offer new and valuable functions, such as:

- ▶ Safety edge preservation in case of accidental crash, thanks to its FRS (Fast Repairing System)
- ▶ Innovative curtain self-repairability system
- ▶ Motorized and prewired post with in-built control panel, for extremely easy installation.

Kronos makes you save money and time.

Repair time: 3 seconds

Recent surveys based on real cases, have shown that fork truck traffic accounts for most accidental damage to automatic doors resulting in either the curtain or the safety edge being damaged. Kronos, thanks to its curtain modular structure and its innovative safety edge fitted with FRS becomes auto-repairable in that it can immediately be put back into operation.

The special, adjustable flexible pads preserve the safety edge from accidental crashes, allowing it to come out from the curtain guides without damaging them. A simple manual pressure can put back the edge into its operating position.

FRS, Fast Repairing System for the preservation of the edge: just 3 seconds and the edge will be back in its guide.

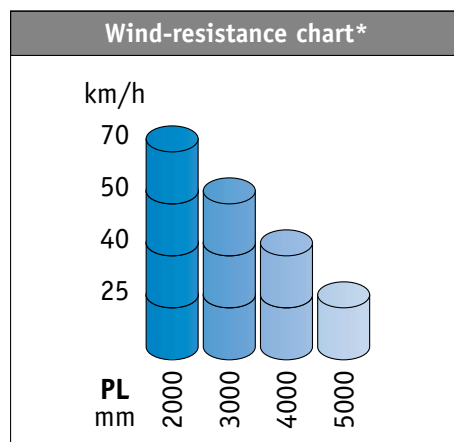


One simple movement and modular sections and aluminium extrusions get automatically back into their guides.

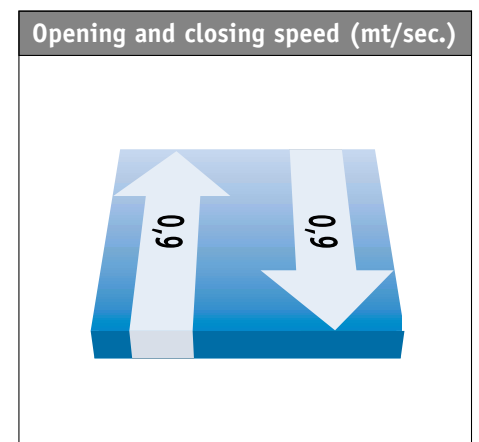


Self-repairability. One simple action puts it back into its guides

Thanks to the curtain's innovative "automatic repairability" system it is enough to re-open the door to get the curtain sections and aluminium extrusions back into the curtain guides, in case they come out due to accidental crashes or strong wind.



*With max. rigidity of safety edge side pads



▶ Fast and easy installation

- ▶ Self-supporting structure
- ▶ Prewired and installed motorization and control panel
- ▶ Push-button station with double-section lid on the door upright for easy maintenance
- ▶ Control panel mounted in guides on the jamb. It is easily extractable for maintenance or calibration.

Kronos structure perfectly combines motorization, electronic control panel, control and balancing devices. This gives Kronos amazing advantages.

The motorized post allows easy installation of the door, given the winding shaft reduced size. This results in the weight of the motorization being on the upright and not on the crosspiece. Easy installation means saving time and less risk.



Easier installation - Easier maintenance



▶ Safety

Kronos is technically advanced and extremely safe either during operation (safety edge always present) or in case of power failure. The exclusive semi-automatic release device is standard and provides for **fast and easy re-opening of the door in emergency situations.**










▶ Versatility

Kronos is an extremely versatile door which can meet any operation requirement. You can have your Kronos with blind flexible sections combined with partially or totally transparent ones, which allow better visibility and make passing through safer and departments less dark.

▶ Intelligence

Kronos is available in galvanized steel, AISI 304 stainless steel satin finish, or can be painted in variety of RAL colours.

The modular structure of the curtain allows change to the arrangement of the sections so as to meet the different operation requirements and replace sections in case of wearing or damage due to accidental crashes.

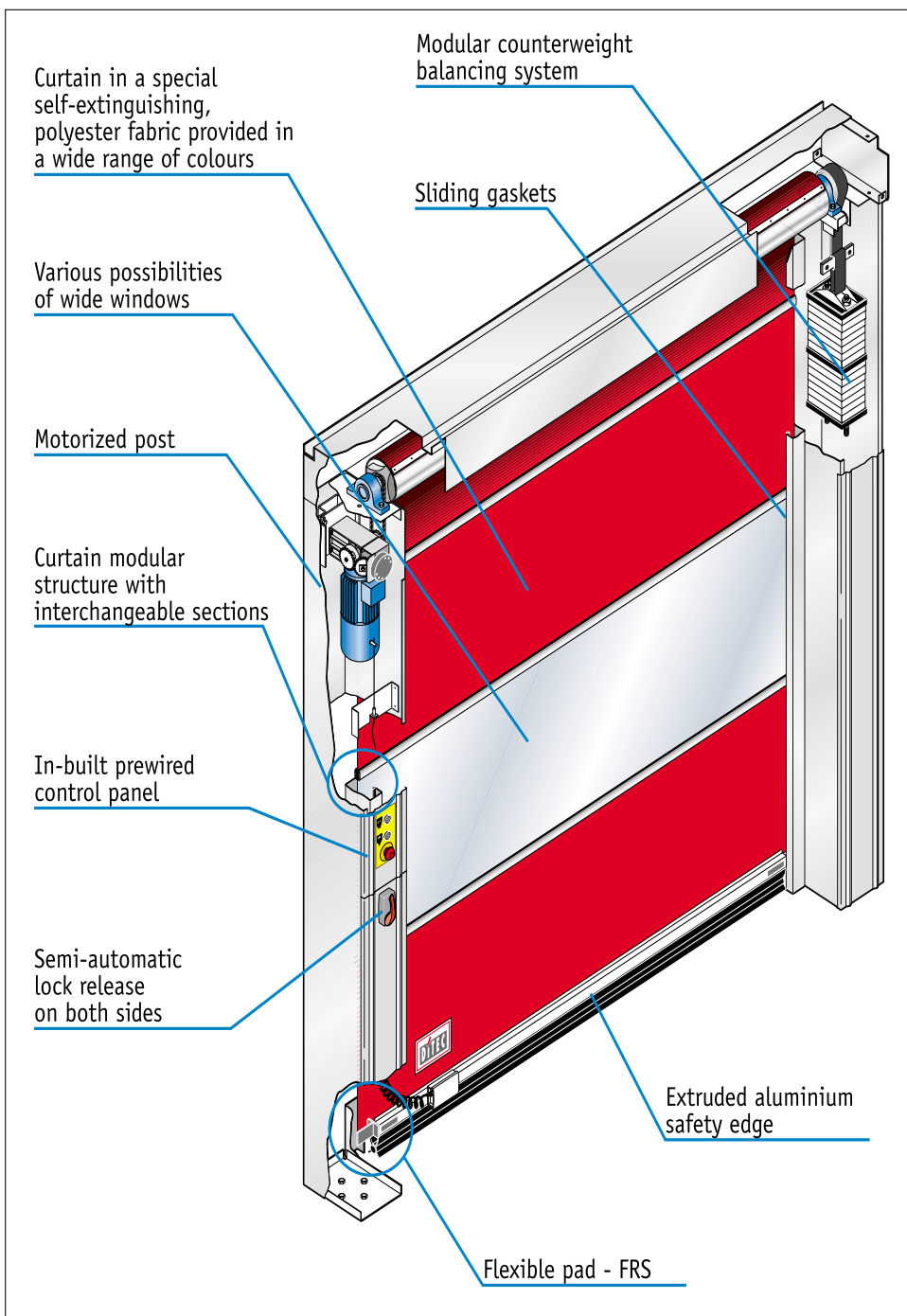
Colours for the curtain		
		
Red	Blue	Orange
		
Grey	Yellow	Green
		
Cream	White	Light Blue

▶ Completeness

- ▶ Control panel in compliance with IEC Regulations, self-test device and up-to-date intelligent functions.
- ▶ Emergency release device on both sides of the door, which allows the door re-opening by releasing the counterweight system.
- ▶ Quick polarized wiring to ensure quick and accurate electric connections.
- ▶ Three-phase motorization for heavy duty, with motor gearmotor-brake- limit switches and release device all in one module.

A modular counterweight system balances the door, providing for effective motor work-load distribution and curtain semi-automatic lock release, or automatic lock release with APS, simply by activating the release handle integrated in the motorized post.

Kronos.
Difficult to be easier.



▶ Specifications

▶ Motorization

Max. size
4.000 x h 4.500 mm

Min. size
1.000 x h 1.700 mm

Standard power supply
400V, 50/60 Hz

Max. current
3 A

Accessories power supply
24 V DC

Power
0.37 kW

Control panel with self-test
External / internal

Emergency opening/closing push-button station

Control panel protection degree
IP 55

Opening speed
0.9 mt/sec.

Closing speed
0.9 mt/sec.

Blind sections fabric
Polyester

Thickness
0.6 mm

Self-extinguishing rate
Class 2

Transparent sections fabric
PVC

Thickness
2 mm

Self-extinguishing rate
DIN 4102

Balancing system
Modular counterweights

Tensioning type
Gravitational

Wind resistance
See chart

Operating temperature
-5°C / +50°C

Emergency re-opening
Semi-automatic

Safety edge preservation
FRS Fast Repairing System

▶ Available options

Additional lock release handle
on back side

APS – automatic antipanic system

Key selector with button station

Interlock devices

24 V flashing light

Post fitting additional photocell

Crosspiece cover

Safety and control accessories

- ▶ Radar with remote controlled adjustment
- ▶ Magnetic loop detector
- ▶ Radio frequency transmitters and buttons
- ▶ Palm transmitter
- ▶ APS – automatic antipanic system
- ▶ Infra-red photocells
- ▶ Semi-automatic lock release
- ▶ Flashing light
- ▶ Traffic light
- ▶ Pneumatic and electric buttons



Regulations

Use only DITEC accessories and safety devices for automation system installation.

DITEC actuators are designed and built in compliance with the safety requirements defined in the Machinery Directive (98/37/CE), Electromagnetic Compatibility Directive (89/336/CEE) and Low-Voltage Directive (73/23/CEE).

DITEC products are constantly improved. As a consequence technical data as listed in this leaflet are not to be considered binding. Further information can be found in technical manuals, available on the website www.ditec.it



DITEC S.p.A.

Via Mons. Banfi, 3 - 21042 Caronno Pertusella (VA) - ITALY
 Tel. +39 02 963911 - Fax +39 02 9650314
www.ditec.it - ditec@ditecva.com



ISO 9001
 Cert. n° 0957/1

DITEC FRANCE
DITEC DEUTSCHLAND
DITEC SVIZZERA
DITEC AMERICA

PALaiseau
 OBERURSEL
 MENDRISIO
 FT. LAUDERDALE USA

Tel. +33 1 64532860
 Tel. +49 6171914150
 Tel. +41 91 6463339
 Tel. +1 954 9624505

Fax +33 1 64532861
 Fax +49 61719141555
 Fax +41 91 6466127
 Fax +1 954 9626824

www.ditec.fr
www.ditec-germany.de
www.autecno.ch
www.ditecamerica.com