

MULTI-BLADE DOORS FROM THE **MULTI-TECH™** SERIES



Heavy industries



Designed for
harsh environments



Extremely durable
requiring little maintenance



High wind load capacity

MONO-TECH™



MULTI-TECH PRO™



MULTI-TECH ULTRA™



MULTI-TECH MEGA™




INDOTECH
INDUSTRIAL DOORS

www.indotech.ca

MULTI-BLADE DOORS FROM THE MULTI-TECH™ SERIES



Custom, heavy duty and industrial strength

Specialized in commercial, institutional and industrial doors, we offer a wide variety of products that meet a wide range of standard and custom applications.

The MULTI-TECH™ door is offered in four models and is built to your specific needs and custom applications. Often used in mining and hydro-electric industries, the MULTI-TECH™ door is the leader when it comes to versatility and durability in harsh environments.



MONO-TECH™ (1 Blade) ■

The MONO-TECH™ doors with one individual counterweight are ideal for locations with high ceilings and narrow installation spaces. Designed and built to withstand heavy-duty use and wind loads of 1 kPa or more.



MULTI-TECH PRO™ (2 Synchronized blades) ■

The MULTI-TECH PRO™ synchronized double blade doors are engineered for heavy-duty and heavy-traffic usage. They are manufactured to accommodate high ceilings, narrow installation spaces and they can withstand wind loads of 1 kPa or more.



MULTI-TECH ULTRA™ (3 Blades and more) ■

The MULTI-TECH ULTRA™ doors with three blades or more, each counterbalanced with an individual weight, are best in areas with high-traffic and low ceilings. Robust, engineered and manufactured for heavy-duty applications, they have been designed to withstand wind loads of 1 kPa or more.



MULTI-TECH MEGA™ ■

This sliding hangar doors series is ideal for aircraft and train hangars and also for marine and agricultural industries. These doors also fit in very large openings and are built to last. Engineered and manufactured for heavy-duty applications, they can withstand high wind load conditions. The MULTI-TECH MEGA™ series of doors is available with or without insulation.

MULTI-BLADE DOORS FROM THE MULTI-TECH™ SERIES MONO-TECH™, MULTI-TECH PRO™ AND MULTI-TECH ULTRA™

GUIDE RAILS

Made using a 44W grade steel “Z” section, a thick steel base plate, structural angle irons and a system of pulleys mounted on self-aligning pillow blocks. The guides are reinforced using structural angle irons welded from the “Z” section to the building.

COUNTERWEIGHT BOX

The MULTI-TECH™ doors are equipped with a counterweight system made of steel that balances the blades and ensures a low maintenance solution to conventional spring systems.

DRIVE SYSTEM

The drive system is composed of self-aligning pillow blocks and two sprockets. An aircraft grade steel wire is used to join every blade to its respective weight.

BLADES

Our blades are manufactured using structural C-Channel reinforced with angle iron and flat-bar. Both the exterior and the interior of the blades are covered using satin finish sheet metal. The thickness of the blades is custom for every project.

INSULATION

A large selection of insulation is made available to customize the door to the environment it will be exposed to.

WEATHERSTRIPPING

The bottom section of the blade is equipped with a U-shaped neoprene extrusion. The blades are sealed from the guide using a double contact neoprene extrusion mounted on an aluminum retainer.

WINDOWS

“THERMOS” type glazing is used in all of our windows.

SAFETY FEATURES

There are three standard safety features on our MULTI-TECH™ doors. The first is a pressure sensing device located at the bottom of the door which provides the most sensitive, fast acting reversing signal available. It doubles as a weather-tight seal. The second is a mechanical device that locks the door in the event of a cable rupture and/or chain rupture. The third safety feature is a through beam photocell.

FINISH

The doors are painted on both sides with the chosen color in accordance with the manufacturing specifications.

OPERATION

High quality industrial operators and control panels are designed for each project and application.



U-SHAPE NEOPRENE
AND EXTRUSION



DOUBLE CONTACT
NEOPRENE ON
ALUMINUM RETAINER



SYSTEM OF PULLEYS



A manufacturer of industrial doors since 1990, Indotech has the experience and knowledge required to offer exceptional service. Determined to maintain very high quality standards, our team innovates and develops products that are at the cutting edge of technology and that answer the performance and security requirements of today's industries. Recognized throughout the industry, Indotech always provides high-quality service while its products are built to last from design to delivery.

MULTI-BLADE™ DOORS FROM THE MULTI-TECH MEGA™ SERIES

DOOR FRAME

Manufactured using heavy-duty structural channel sections.

MANUFACTURING CONDITIONS

Varies according to each project's required number of panels and architecture. The exterior coverings can be chosen from our catalog.

WINDOWS

"THERMOS" windows can be inserted in the door panels.

WEATHERSTRIPPING

A lintel weatherstrip made of a 6" heavy brush, mounted on an aluminum retainer, is installed along the soffit, and a 3" light brush is placed at the bottom of each panel. A neoprene extrusion installed at the junction of each panel ensures the door remains weathertight.

OPERATION

Extra heavy-duty custom designed industrial electric door operators engineered for every unique project. A stage worm gear reducer (40:1) running in an oil bath inside a C flange design cast iron alloy housing. Sprockets and a roller chain connect the operator shaft to the door shaft. This system allows for a door speed of approximately 152 mm/sec.

BUTTON CONTROL

Activated through constant pressure contact to open and close the door. The operator may be stopped in any position from which the door can be reopened or closed.

SAFETY INTERLOCKING

Automatically cuts power to the operator control when in manual mode.

SOLENOID DISC BRAKE

The brakes securely lock the door when closed and prevent it from coasting when open.

BI-PARTING SLIDING HANGAR DOOR

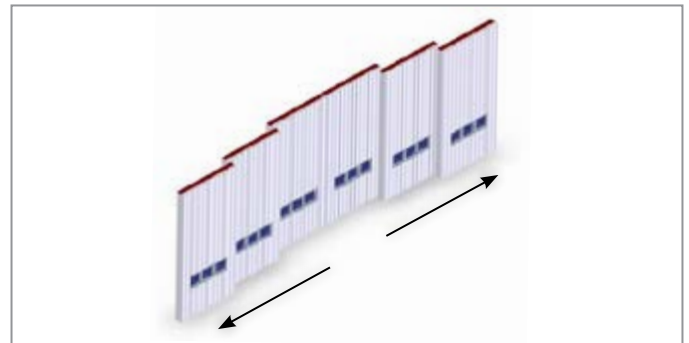
The two center drive-panels open the door by sliding half of the other panels on each side.

MONO DIRECTIONAL SLIDING HANGAR DOOR

Can accommodate any number of panels. One drive-panel opens the door by sliding all the others either left or right, depending on the initial installation.

INDEPENDENT SLIDING HANGAR DOOR

Can accommodate any number of panels, each one moving independently to the left or the right. This door is manually or mechanically operated.



Bi-Parting Hangar Door



Programmable control panels

A specially designed electronic management system for fast action doors not only ensures a safe handling of the mechanism but also offers

- A self-diagnosis of the door's electrical system and components;
- A real-time digital display of the various operations;
- A variable speed drive allowing smooth acceleration and stopping.

Distributor:



As part of its ongoing commitment to research and development, Indotech keeps the right to modify and improve its products without notice. Technical drawings and scope statements available upon request.

INDOTECH
INDUSTRIAL DOORS

259, d'Alençon Street
Boucherville (Quebec) CANADA J4B 0G9

Phone : 450-641-8222
Toll Free: 1-866-835-TECH (8324)
Fax : 450-641-2223

www.indotech.ca
info@indotech.ca