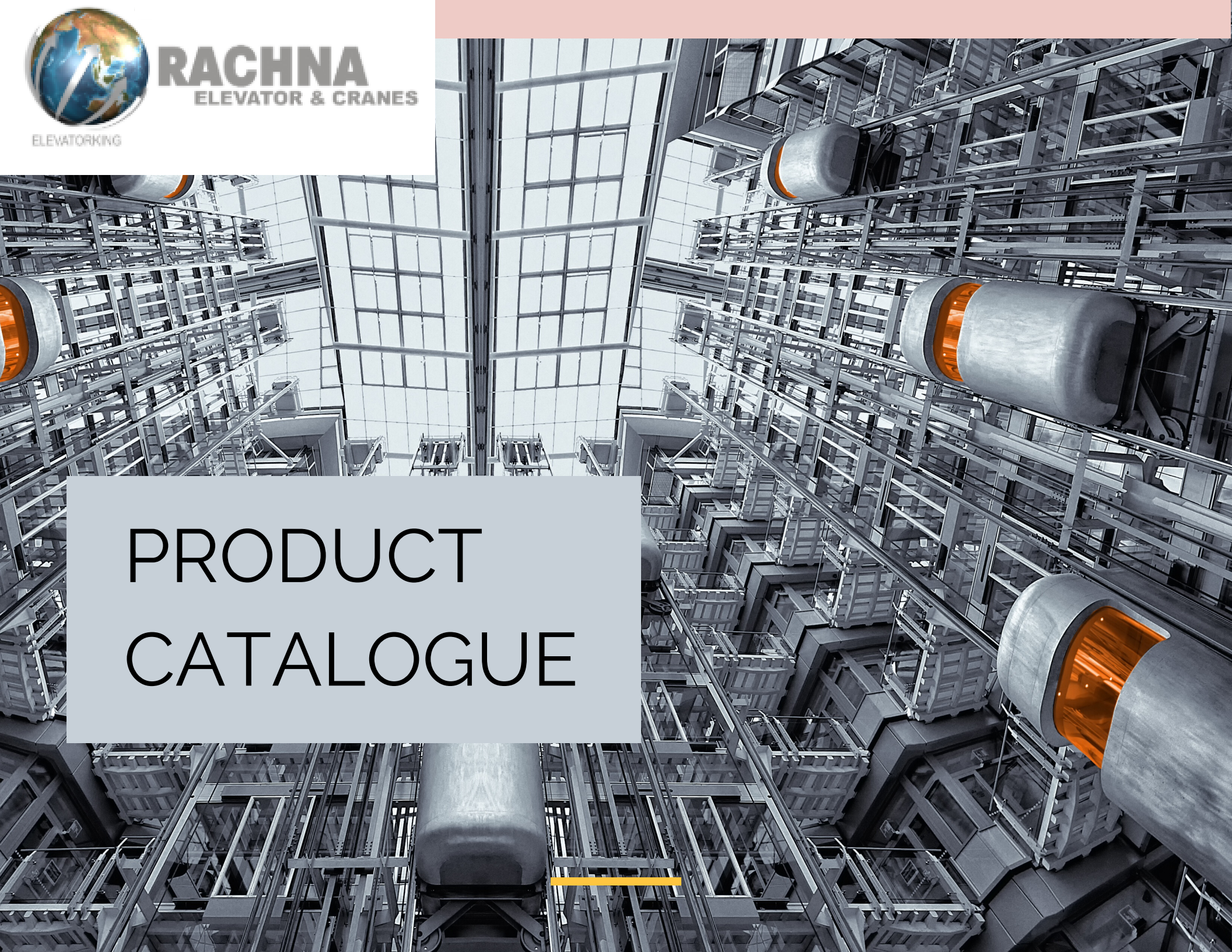




RACHNA
ELEVATOR & CRANES

ELEVATOR KING

PRODUCT CATALOGUE



Scissor lift

A scissor lift is a type of platform that can usually only move vertically. The mechanism to achieve this is the use of linked, folding supports in a criss-cross "X" pattern, known as a pantograph (or scissor mechanism). The upward motion is achieved by the application of pressure to the outside of the lowest set of supports, elongating the crossing pattern, and propelling the work platform vertically. The platform may also have an extending deck to allow closer access to the work area, because of the inherent limits of vertical-only movement.

The contraction of the scissor action can be hydraulic, pneumatic or mechanical (via a leadscrew or rack and pinion system). Depending on the power system employed on the lift, it may require no power to enter "descent" mode, but rather a simple release of hydraulic or pneumatic pressure. This is the main reason that these methods of powering the lifts are preferred, as it allows a fail-safe option of returning the platform to the ground by release of a manual valve.

Apart from the height and width variables, there are a few considerations required when choosing a scissor lift. Electric scissor lifts have smaller tyres and can be charged by a standard power point. These machines usually suit level ground surfaces and have zero or minimal fuel emissions. Diesel scissor lifts have larger rough terrain tyres with high ground clearance for uneven outdoor surface conditions. Many machines contain outriggers that can be deployed to stabilise the machine for operation. A new scissor lift named the Athena bi-levelling scissor lift is an outdoor scissor lift with tracks (instead of tyres) that extends and contracts and self-levels the machines while in operation, allowing the machine to operate on steep slopes. Other model variables may also include petrol powered and bi-energy models.



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Freight elevators/ heavy- goods lift

are manufactured as per customer need. They are designed with collapsible doors and have sturdy cabins to prevent damage while loading and unloading material. Said elevator is designed from 1 Ton – 10 Ton and even more in special requirement. It designed to carry goods instead of passengers. Key Features : Digital Car Position Indicator, UP/DN Indicator, Voltage Protection, Over & Under Load protection, Phase Preventer, Phase Sequence Corrector, MFFS, Buffer Doors, Maximum opening, Emergency Stop and Electrical Mechanical Door Lock.

Freight / Goods Elevator can be installed with: -

Drum Type

Advantage: Most economic, easy to maintain, higher capacity, less installation time

Counter weight

Advantage: Moderate cost, higher speed, higher safety

Hydraulic Type

Advantage: Cost Saving.

Freight Elevators are also available in :

OUTDOOR STRUCTURE ELEVATOR: If there is no shaft to put the elevator outside the building structure can be fabricated to put the elevator. structure can be covered by any material (gp sheet / glass / fiber etc.)

INDOOR STRUCTURE ELEVATOR: If there is no shaft to put elevator in the building structure can be fabricated to put the elevator. structure can be covered by any material (gp sheet / glass / fiber etc.).



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Car Elevators

is specially designed to move vehicles between different floors. These elevators are normally installed service stations, car parking, car showroom. These elevators having large cabin & large loading capacities. Key Features: Digital Car Position Indicator, UP/DN Indicator, Voltage Protection, Over & Under Load protection, Phase Preventer, Phase Sequence Corrector, MFFS, Buffer, Doors, Maximum opening, Emergency Stop, Electrical Mechanical Door Lock.

Light Car Elevator can be installed with: -

Drum Type

Advantage: Most economic, easy to maintain, higher capacity, less installation time

Counter weight

Advantage: Moderate cost, higher speed, higher safety

Hydraulic Type

Advantage: Cost Saving.

Light Car Elevator are also available in :

OUTDOOR STRUCTURE ELEVATOR: If there is no shaft to put the elevator outside the building structure can be fabricated to put the elevator. structure can be covered by any material (gp sheet / glass / fiber etc.)

INDOOR STRUCTURE ELEVATOR: If there is no shaft to put elevator in the building structure can be fabricated to put the elevator. structure can be covered by any material (gp sheet / glass / fiber etc.).



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FREIGHT CUM PASSENGER ELEVATOR

is designed to carry passengers and general goods between floor. These are customizable and are generally designed for 1 Ton – 10 Ton capacity with a sturdy cabin to prevent damage while loading and unloading. Basic Features include Digital Car Position Indicator ,UP/DN Indicator, Voltage Protection,Over & Under Load protection ,Phase Preventer,Phase Sequence Corrector ,MFFS (magnet floor and final (upper & lower limit) sensing) ,Buffer,Collapsible Doors, Emergency Stop button, Electrical Mechanical Door Lock,

Freight cum Passenger Lift can be installed with: -

Drum Type

Advantage:Most economic, easy to maintain, higher capacity, less installation time

Counter weight

Advantage:Moderate cost,higher speed,higher safety

Hydraulic Type

Advantage: Cost Saving.

Freight Cum Passenger Elevator are also available in :

OUTDOOR STRUCTURE ELEVATOR: If there is no shaft to put the elevator outside the building structure can be fabricated to put the elevator. structure can be covered by any material (gp sheet / glass / fiber etc.)

INDOOR STRUCTURE ELEVATOR: If there is no shaft to put elevator in the building structure can be fabricated to put the elevator. structure can be covered by any material (gp sheet / glass / fiber etc).



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Hoist

A hoist is a device used for lifting or lowering a load by means of a drum or lift-wheel around which rope or chain wraps. It may be manually operated, electrically or pneumatically driven and may use chain, fiber or wire rope as its lifting medium. The most familiar form is an elevator, the car of which is raised and lowered by a hoist mechanism. Most hoists couple to their loads using a lifting hook



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EOT Cranes

Electric overhead traveling crane or EOT crane is one of the most common types of overhead crane, or called bridge cranes, which consist of parallel runways with a traveling bridge spanning the gap. They have high tensile strength and come in various categories



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Dumbwaiter

is designed to carry light material/food between floors of a building. These are customizable. They normally have a small cabin size and have shelves to get maximum utility. Facilities include Digital Car Position Indicator ,UP/DN Indicator, Voltage Protection, Over & Under Load protection ,Phase Preventer ,Phase Sequence Corrector ,MFFS (magnet floor and final (upper & lower limit) sensing) ,Buffer, Collapsible Doors, Emergency Stop button , Electrical Mechanical Door Lock.

Dumbwaiters can be installed with: -

Drum Type

Advantage: Most economic, easy to maintain, higher capacity, less installation time

Counter weight

Advantage: Moderate cost, higher speed, higher safety

Hydraulic Type

Advantage: Cost Saving.

Dumbwaiters are also available in :

OUTDOOR STRUCTURE ELEVATOR: If there is no shaft to put the elevator outside the building structure can be fabricated to put the elevator. structure can be covered by any material (gp sheet / glass / fiber etc.)

INDOOR STRUCTURE ELEVATOR: If there is no shaft to put elevator in the building structure can be fabricated to put the elevator. structure can be covered by any material (gp sheet / glass / fiber etc).



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Brochures are but another way to present your brand's latest collection. Use it as a catalogue to showcase the newest designs or classic pieces. Begin with a brief history or background on your brand and ease into your latest release.



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