

**“Towards
the —
Height”**

Traction Elevator | MRL Elevator | Hydraulic Elevator

KNOW RK ELEVATOR

RK Elevator is the brand name of RadheKrishna elevators pvt ltd, At RK Elevator, we take an immense pleasure in representing our strong as well as respective company culture. We are located in the most industrialist area of Rajasthan and provides elevator related services since 2013 with the name of RK Inventory™ (Radhe Krishna Inventory)

In elevator segment, our company is a service provider for all kind of elevators/lifts like traction elevator, MRL elevator, Hydraulic elevator, shaft-less elevator, vacuum elevator, capsule elevator, hospital elevator, home elevator, goods lift, car lift, dumbwaiter lift etc.

We have a skilled pool of technical professionals who have in-depth knowledge and extensive experience in installation, implementation, commissioning & servicing of all types of elevators like Traction, MRL, Hydraulic, etc. along with providing best consultancy and AMC (Annual Maintenance Contract) for elevator solutions.

OUR PROCESS

As we have in-depth expertise in this segment, we first listen what are your requirement. Based on your details, we provide best possible solution which will be suitable for required site.

We also have extensive knowledge about elevator's goods quality material and safety parameters. So based on details, we recommend the best brand which will be best in the required segments.

SERVICE QUALITY

The entire quality products are nothing without fast & good services. For this reason our company promises to our clients to serve the best services in timely manner.

All the elevator kits which are assembled at customer's sites, firstly quality checked by our engineers at the time of manufacturing as we don't compromise in quality and this way there is very less chance for any delay or defect at the time of assembling.

We allow our customers to visit the plant at the time of manufacturing of your lift to maintain transparency. There you can see we use all materials as promised.

We purchase elevator goods in bulk routinely and have in-house stock of elevator goods/materials so we can give you best solution in best competitive prices. And for the same reason, we can compete in prices with other suppliers and service providers.



The traction elevator system is one of the most popular elevator systems in India.

In this system the electric motor drives a worm-and-gear-type reduction unit, which turns a hoisting sheave. The elevator cars are pulled up by means of rolling steel ropes over a deeply grooved sheave. The weight of the car balanced by a counterweight. These elevators typically operate at speeds from 0.35 MPS to 1.00 MPS and carry loads of up to 6000kg.



SPEED :
0.35 to 0.50 MPS

ROPING :
2:1 roping

CAPACITY :
680-6000kg

SPEED :
0.65 to 1 MPS

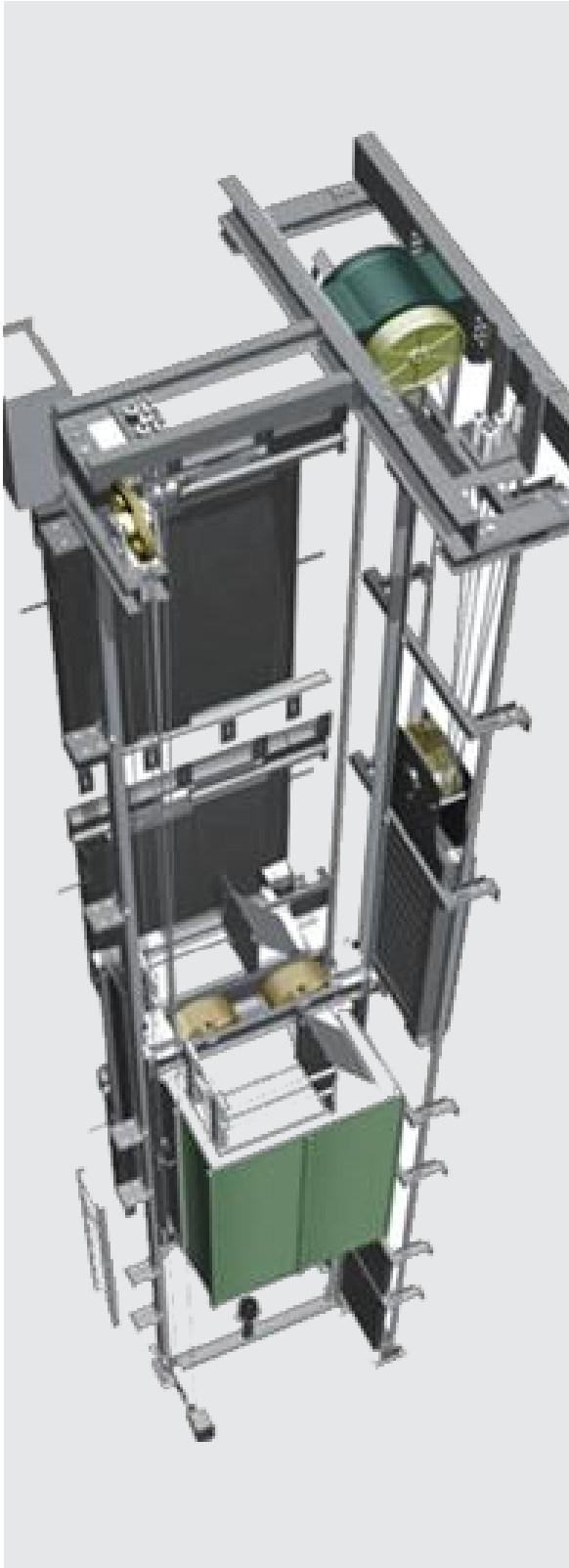
ROPING :
1:1 roping

CAPACITY :
272 kg to 544 kg



In this system the machine are low speed (low – RPM), high torque electric motors. In this case the drive sheave directly attached to the end of the motor. Gearless traction car speeds are typically much faster (speeds from 1MPS to 2.5MPS) than those of geared traction applications and carry loads of up to 6000kg.

In MRL traction elevator system the gearless machine are located in the hoist way, eliminate the needs for a traditional machine room. They are designed for low to mid rise building having up to 200 feet of rise.



HEAVY DUTY GEARLESS

SPEED:
1.5 to 2.5 MPS

CAPACITY:
680 – 6000kg



INNER ROTOR GEARLESS (MRL)

SPEED:
1 to 1.5 MPS

CAPACITY:
272 – 544kg



Hydraulic elevators are the type of MRL elevators which does not required machine room to the top of the elevator shaft. A machine room can be flexible set within 10 meters ranges near the shaft which more complies with the individual design requirement of the construction. Wide loading range and strong adaptability make this elevator segment unique. Compare with traction elevators, hydraulics has more advantage & it is suitable for low rise building having up to 60 feet of travels. Hydraulic system are saving space and energy consumption, increase the utilization rate of the hoist way greatly save the construction cost and space.



ROPING :

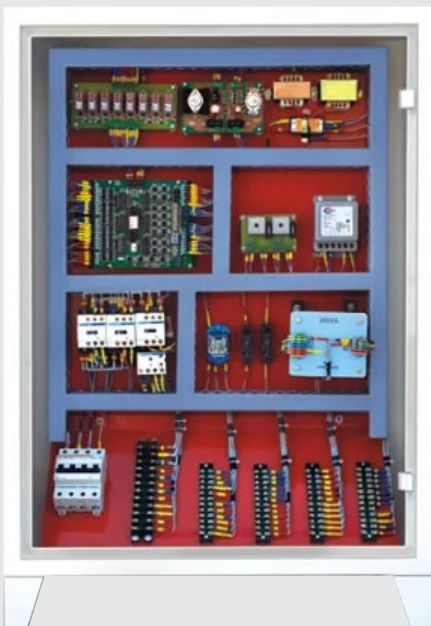
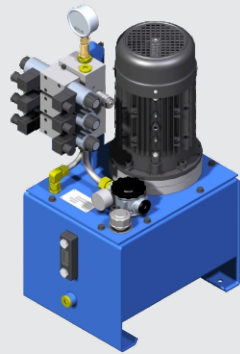
2:1,1:1

LENGTH :

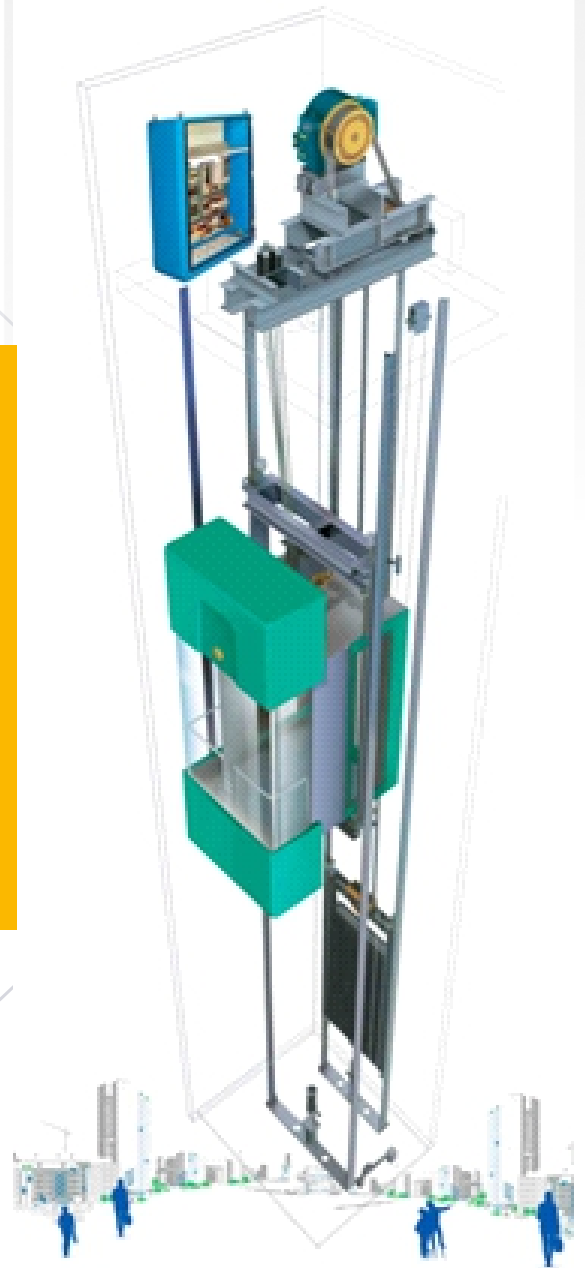
20 to 60 feet

VALVE :
two speed control

SPEED :
0.10 to 0.40 MPS



Capsule elevator essentially installed at a place where elevation of building is to be enhanced with display of moving lift and passenger is provided with panoramic view of surroundings. Capsule elevator normally comes in 5 and 3 glass panel. Capsule elevators starts from minimum 8 passenger capacity.



MORE TYPE OF ELEVATOR SYSTEMS



HOME ELEVATOR SYSTEM



HOSPITAL ELEVATOR SYSTEM



GOODS ELEVATOR SYSTEM

& many more...

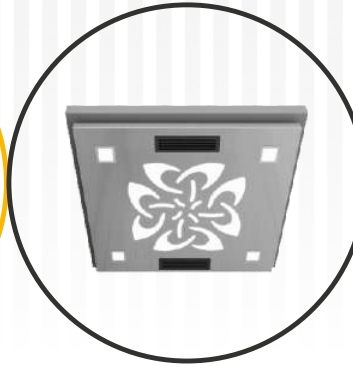
Choose Your Ceiling Design



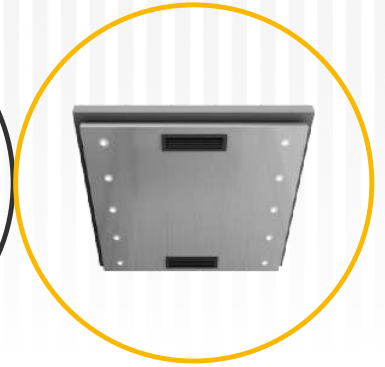
DESIGN 01



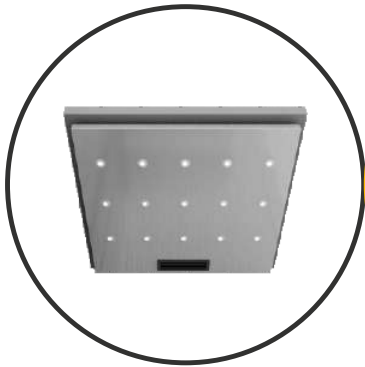
DESIGN 02



DESIGN 03



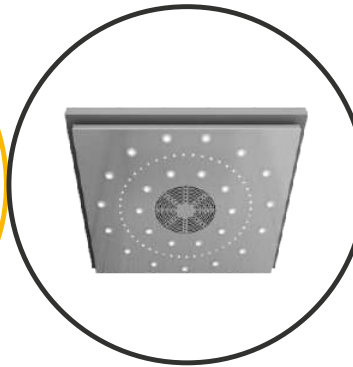
DESIGN 04



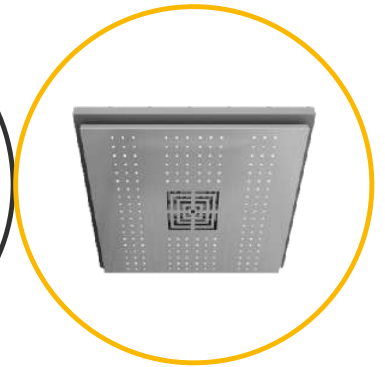
DESIGN 05



DESIGN 06



DESIGN 07



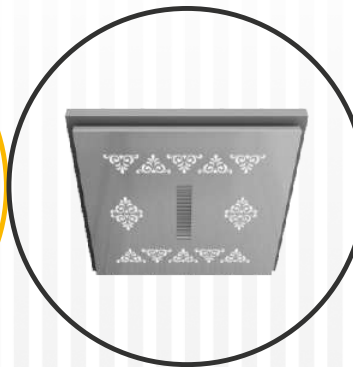
DESIGN 08



DESIGN 09



DESIGN 10



DESIGN 11



DESIGN 12



DESIGN 01



DESIGN 02



DESIGN 03



DESIGN 04



DESIGN 05



DESIGN 06

STANDARD SHEETS

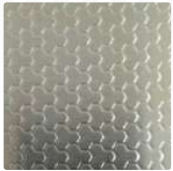


S01

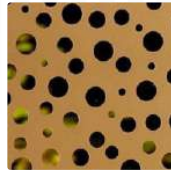


S02

PREMIUM SHEETS



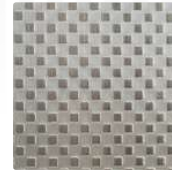
S03



S04



S05



S06



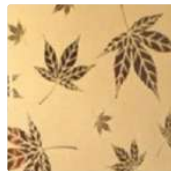
S07

SS Sheet Options

SUPER PREMIUM SHEETS



S08



S09



S10



S11



S12

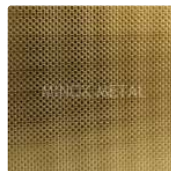
LUXURIOUS SHEETS



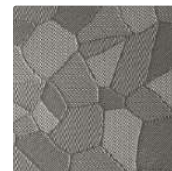
S13



S14



S15



S16

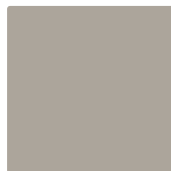
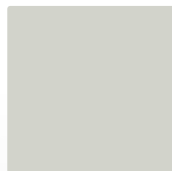
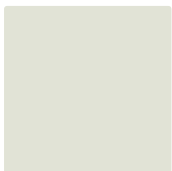


S17

AND MANY MORE...

Powder Coating Options

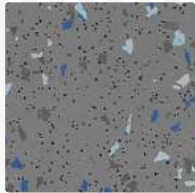
PREMIUM SHEETS



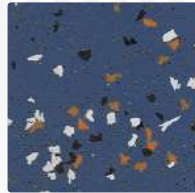
AND MANY MORE...

Choose Your Flooring

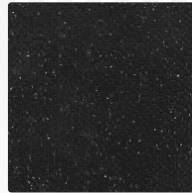
PVC MATERIALS



P-1



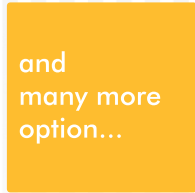
P-2



P-3



P-4



PVC WOODEN MATERIALS



PW-1



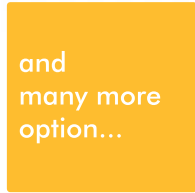
PW-2



PW-3



PW-4



PVC MARBLE FINISH MATERIALS



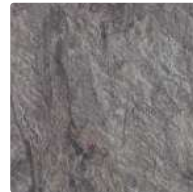
PM-1



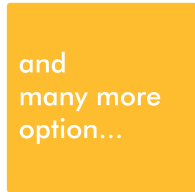
PM-2



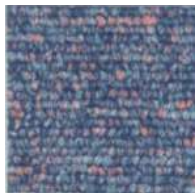
PM-3



PM-4



PVC CARPET FINISH MATERIALS



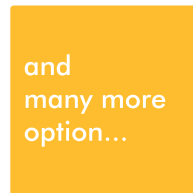
PC-1



PC-2



PC-3



PC-4

LUXURIOUS OPTION

- ◆ REAL GLASS FLOORING
- ◆ REAL WOOD FLOORING
- ◆ REAL MARBLE FLOORING

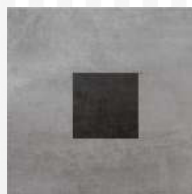
FLOORING PATTERN AVAILABLE IN MARBLE & PVC



PATTERN 01



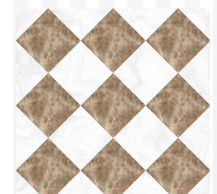
PATTERN 02



PATTERN 03

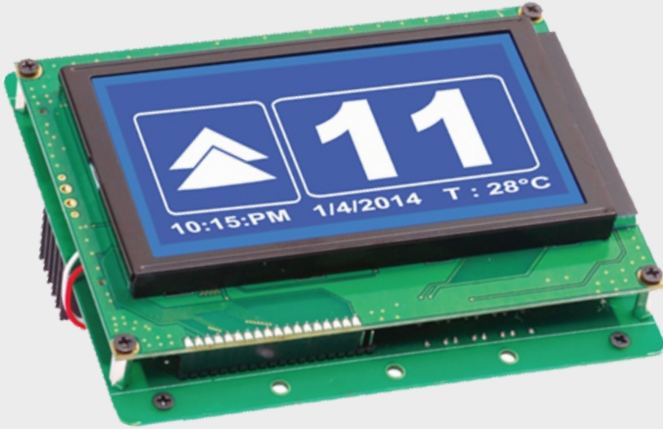


PATTERN 04



PATTERN 05

Choose Your Display



MONOCHROME LCD DISPLAY



DOT MATRIX

Choose Your LOP & COP Type



CLASSIC



PREMIUM-1



PREMIUM-2



PREMIUM-3 (TOUCH)

Choose Your Elevator Doors



01 FULL GLASS DOOR



02 GLASS DOOR



03 SMALL VISION



04 C.O. AUTO DOOR



05 TELESCOPIC (AUTO)



06 TELESCOPIC (MANUAL)



07 SWING DOOR



08 COLLAPSIBLE DOOR



09 IFG DOOR

Required Width For Auto Door Operators

CENTER OPENING OPERATOR

OPENING SIZE	FRAME OUTSIDE	OPERATOR SIZE	REQ. SHAFT SIZE
600	800	1260	1310
700	900	1460	1510
800	1000	1660	1710
900	1100	1860	1910
1000	1200	2060	2110

SIDE OPENING OPERATOR

OPENING SIZE	FRAME OUTSIDE	OPERATOR SIZE	REQ. SHAFT SIZE
600	800	1030	1285
700	900	1180	1435
800	1000	1330	1585
900	1100	1480	1735
1000	1200	1630	1885



INFRARED LIGHT CURTAIN

Full height infra red curtain with multiple cross-crossing light beams (approx 150 beams) detect the smallest obstruction in door path & stop doors from closing.



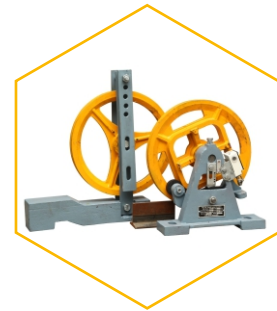
AUTO RESCUE DEVICE

In the event of power failure, the elevator will stop for few seconds and move the lift at a very slow speed till the nearest floor and open the doors.



SAFETY IN CASE OF OVER TRAVEL

Three phase electric power is disconnected from control panel & motor, the movement elevator moves beyond the limit of top & bottom terminal floors causing immediate application of the brake to bring the elevator to halt.



SAFETY IN CASE OF ROPE BREAKAGE

In the event of ropes breakage, elevator speed exceeds the rated speed in the downward direction due to gravitational acceleration. The over speed governor activates the clutch mechanism thereby switching off main controls and jamming the elevator car safety on guide rails.

MORE FEATURES :-

1. Car emergency Light & Fan :

The emergency light is always illuminated in normal condition & switches itself automatically to battery back-up in case of power failure. Fan also operates for minimum 20 minutes after power failures.

2. Emergency alarm & 'Push to talk':

In case of any emergency or power failure, help can be obtained by alarming or by communicating at lobby through this system which is battery operated & self charging.

3. Car fan automatic sleep :

car fan automatically stops when there are no registered floor calls resulting into saving in power and enhancing its life.

4. Voice annunciator with music :

this system provides detailed information to passengers related to next floor, direction of movement, door opening/closing, schedule operations and other information depending on the building needs. This system features natural electrical voice synthesizers.

5. Fireman system :

Whenever smoke is detected in building operate the fireman key switch on the ground floor. When the fire service mode is activated, the elevator car designed to return to the ground floor.

6. Microprocessor based V3F :

This system provides highest degree of smoothness in elevator car movement with precise leveling, in addition, the efficiency of power conversion is very high resulting into an overall power saving of the order of 40% during normal operation condition.






Have Any Question?

We will be very happy to answer all of your queries so call us, mail us & also follow us on our facebook page www.facebook.com/rkepl for our latest updates.

GET IN TOUCH

Reach Us
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