



Presented By

LIGHTEN

L I F T

Satisfaction in every ride



Rothbari, Malda 732101



+91-9339202044 / +91-7811998080



support@lightenlift.com



www.lightenlift.com

About us



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www.lightenlift.com

support@lightenlift.com

@lightenlift    

Introduction

At **Lighten Lift**, we elevate more than just people; we lift experiences, opportunities, and aspirations. As a leading innovator in the vertical transportation industry, we take pride in seamlessly connecting spaces and enhancing the way people move, work, and live.

Our Story

Established on the foundation of unwavering commitment and technical prowess, Lighten Lift has emerged as a beacon of reliability and innovation in the lift industry. Our journey began with a vision to redefine vertical transportation through cutting-edge technology, exceptional craftsmanship, and a relentless pursuit of customer satisfaction.



Vision

We envision a world where vertical transportation is not just a convenience but a seamless part of everyday life, where our lifts not only transcend physical barriers but elevate human experiences, enabling individuals and communities to reach new heights effortlessly.

Mission

Our mission at Lighten Lift is simple yet profound - to elevate life's moments by providing safe, efficient, and state-of-the-art vertical mobility solutions. We strive to transcend mere functionality, offering a blend of aesthetics, performance, and sustainability in every lift we create.

Commitment to Excellence

At Lighten Lift, excellence is our hallmark. We consistently push the boundaries of innovation, employing advanced engineering and design to deliver lifts that exceed industry standards. We uphold stringent quality control measures at every stage, ensuring each product that bears our name represents the pinnacle of reliability and performance.

**Elevate with Lighten Lift –
Where Innovation Meets Ascension.**



LIGHTEN LIFT

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Type of Lift

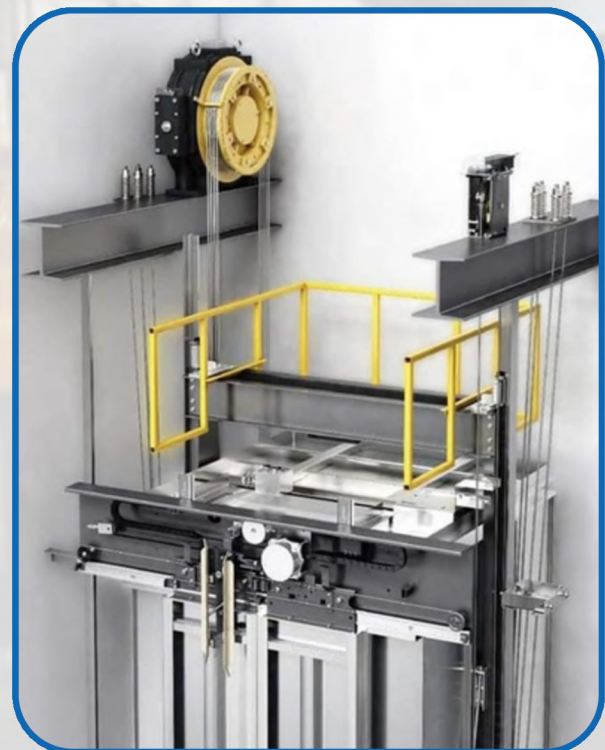


MINI MACHINE ROOM (MMR)

Type : Geared Motor
Room : Required
Encoder : Optional
Roping : 1:1
Overhead : 4800 mm
Voltage : 440v

MACHINE ROOM LESS (MRL)

Type : Gearless Motor
Room : Not Required
Encoder : Mandatory
Roping : 2:1
Overhead : 4500 mm
Voltage : 220v / 440v





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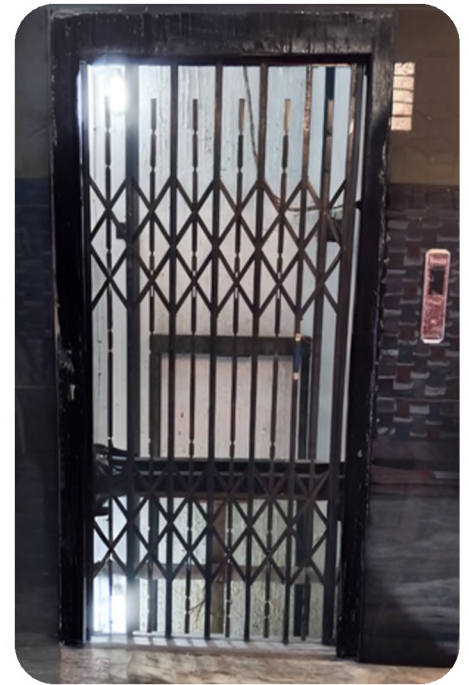
Type of Doors



SWING DOOR



SWING DOOR



COLLAPSIBLE DOOR



IFD DOOR



SS TELESCOPIC DOOR



SS TELESCOPIC DOOR



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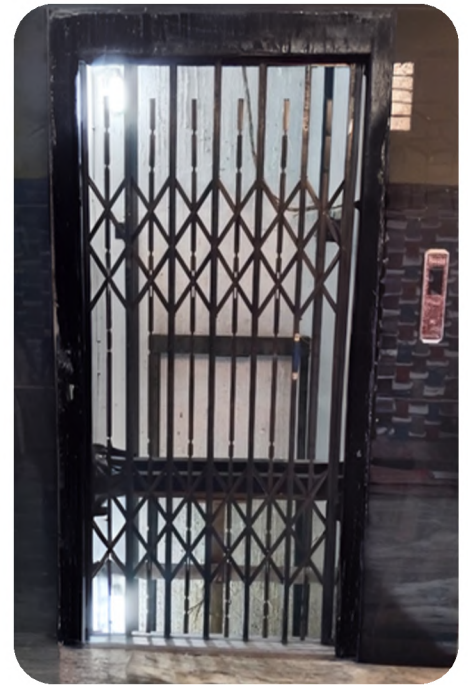
Type of Doors



SWING DOOR



SWING DOOR



COLLAPSIBLE DOOR



IFD DOOR



SS TELESCOPIC DOOR



SS TELESCOPIC DOOR



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Type of Doors



SS CENTER OPENING



SS CENTER OPENING



SS CENTER OPENING



HALF VISION GLASS



FULL VISION GLASS



FULL VISION GLASS



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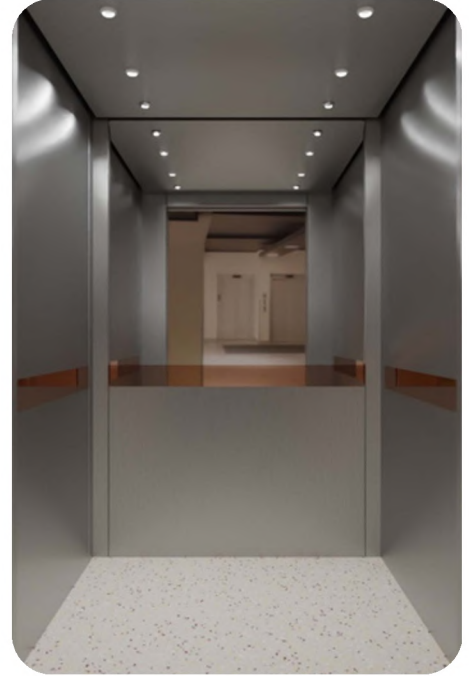
Cabin Design



NSS01



GSS02



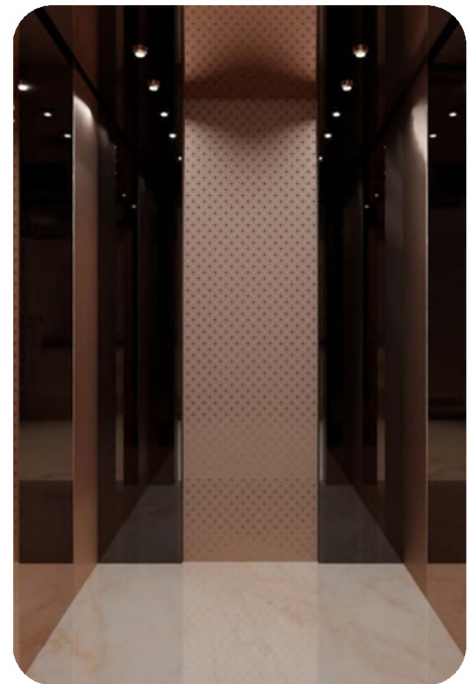
HSS03



DSM04



BSM05



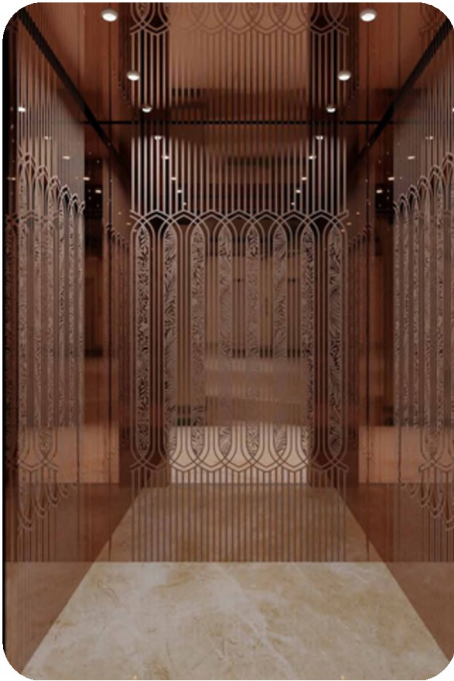
RGB06



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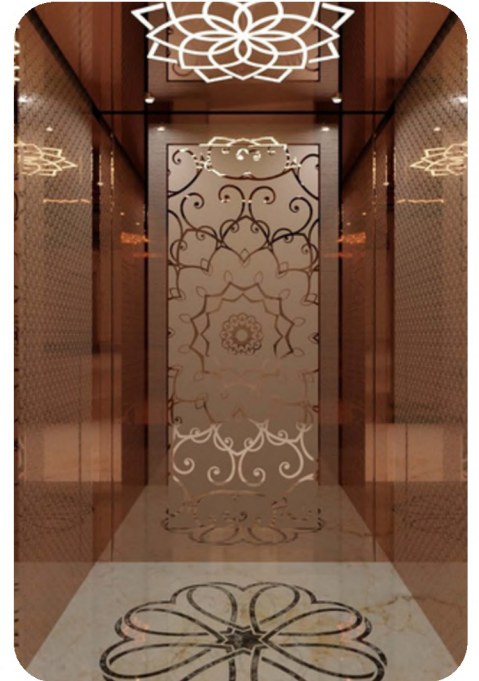
Cabin Design



DRG07



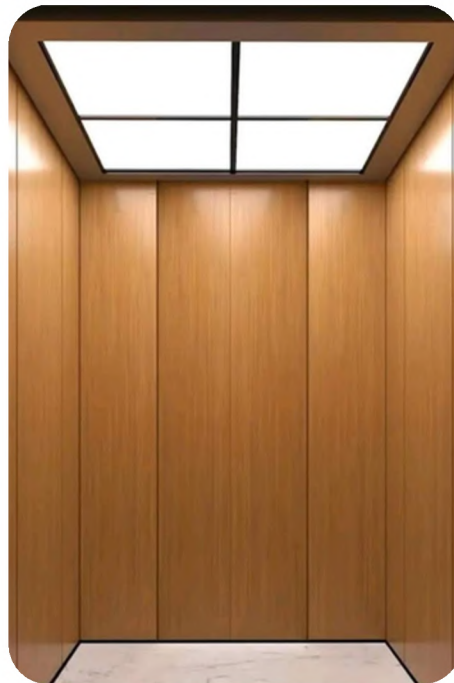
DGM08



RGM09



DSW10



DFW11



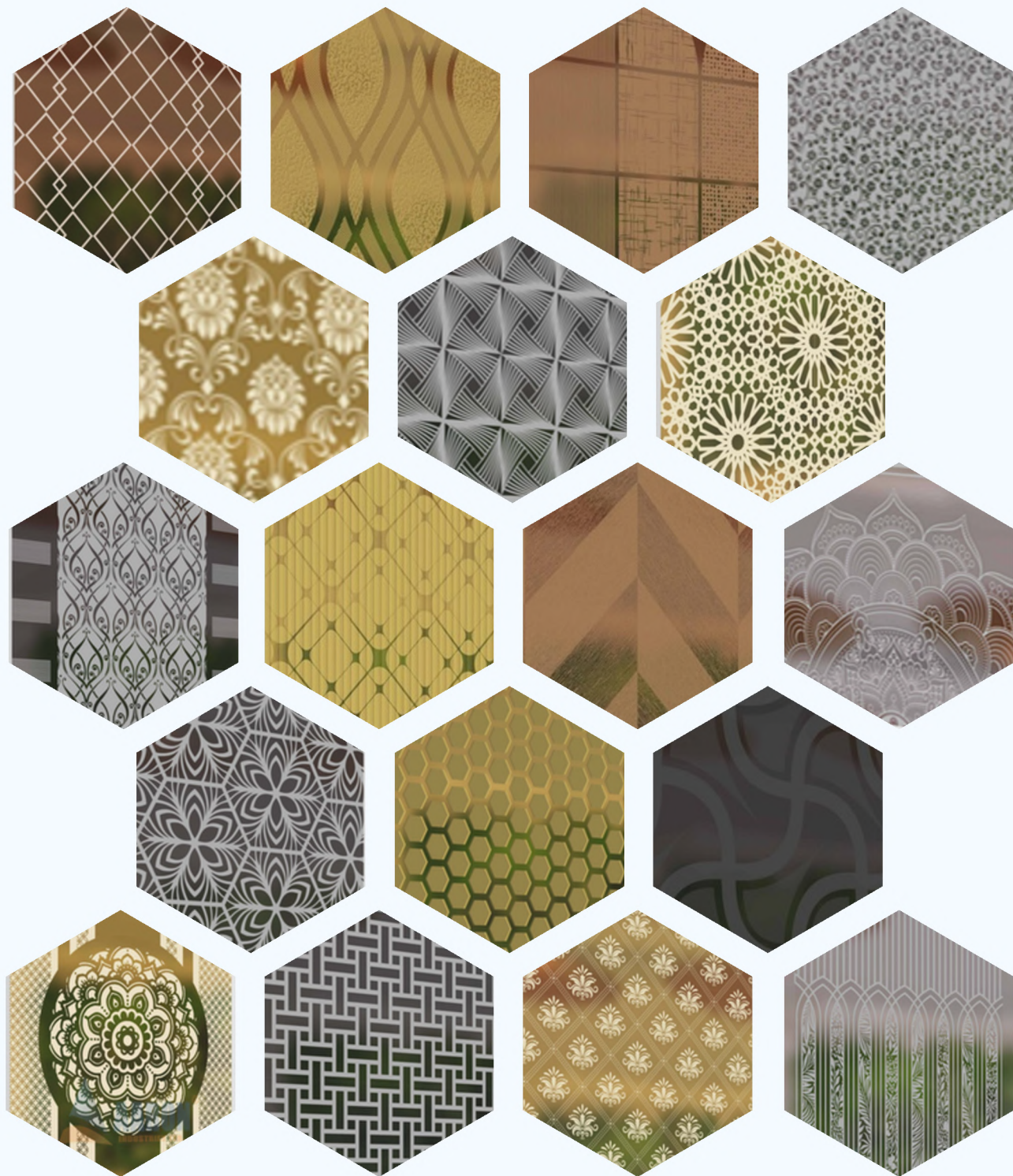
DTS12



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Premium
Designing Sheet





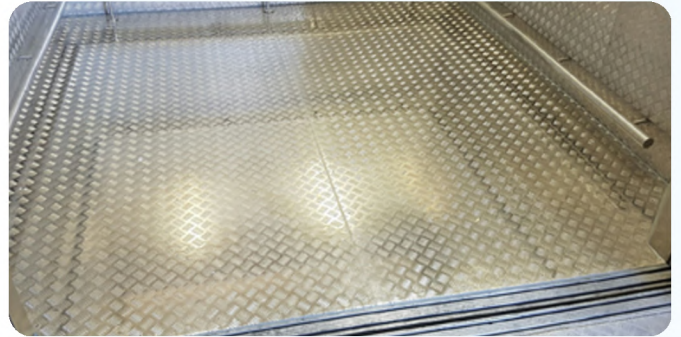
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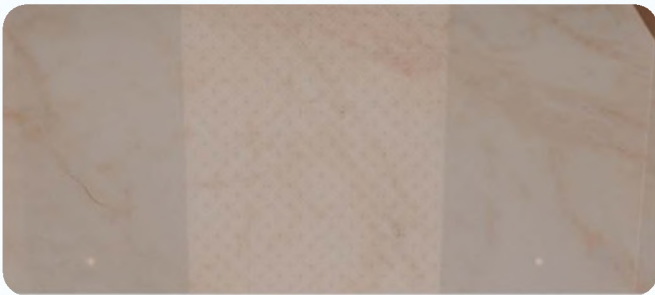
Floor Design



RUBBER MAT



ALUMINUM CHECKER



VINYL



VINYL



EPOXY



EPOXY



MAT



MAT



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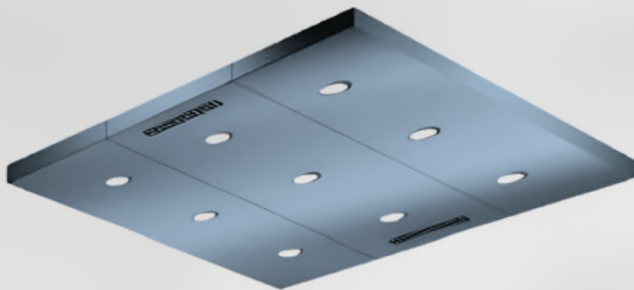
Celling & Handrail Design



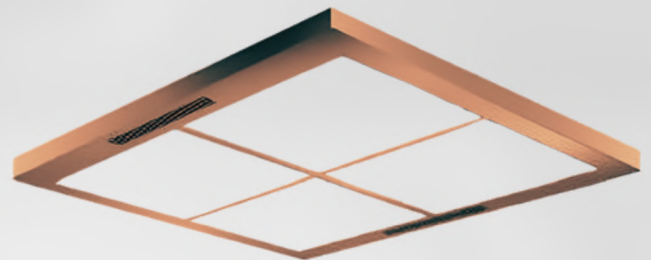
Height 100 mm || Gold Painted Steel
& Acrylic Panel || Direct Ventilation



Height 100 mm || Silver Gray Painted Steel &
Acrylic Panel || Direct Ventilation



Height 100 mm || Silver Painted Steel
& Acrylic Panel || Direct Ventilation



Height 100 mm || Rose Gold Painted Steel
& Acrylic Panel || Direct Ventilation

HANDRAIL



SS SILVER ROUND



SS SILVER FLAT



SS GOLD ROUND



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LOP & COP



SS PUSH BUTTON



ACRYLIC SEMI TOUCH



ACRYLIC SEMI TOUCH



**ACRYLIC FULL TOUCH
WITH FINGERPRINT**



**ACRYLIC PUSH BUTTON
WITH RF & PIN AUTH**



**ACRYLIC FULL TOUCH
WITH RF ID**



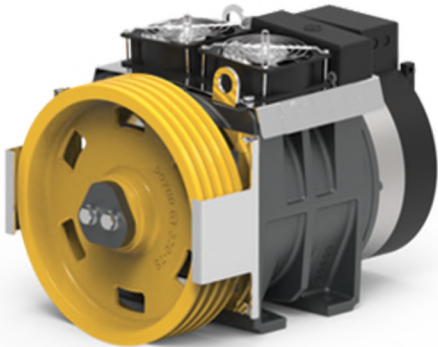
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Motor Specification

MONTANARI (GEARED)

Static load: **2,200 kg**
Capacity: **408 kg (1:1)**
Oil capacity: **1.7 L**
Motors: **50 Hz**
VVVF 4 poles: **4 KW**

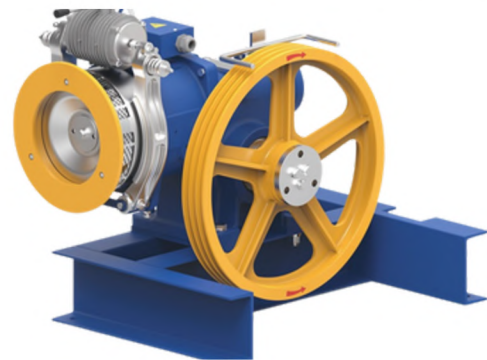


MONTANARI (GEARLESS)

Static load: **1,800 kg**
Capacity: **408 kg (2:1)**
Oil capacity: **-**
Motors: **50 Hz**
VVVF 4 poles: **2.8 KW**

SHARP (Geared)

Static load: **3,000 kg**
Capacity: **408 kg (1:1)**
Oil capacity: **2.0 L**
Motors: **50 Hz**
VVVF 4 poles: **3.7 KW**



SHARP (Gearless)

Static load: **1,800 kg**
Capacity: **408 kg (2:1)**
Oil capacity: **-**
Motors: **50 Hz**
VVVF 4 poles: **4 KW**



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Motor Specification

Tectronics (Gearless)

Static load: **2,500 kg**
Capacity: **408 kg (2:1)**
Oil capacity: **-**
Motors: **50 Hz**
VVVF 4 poles: **2.2 KW**

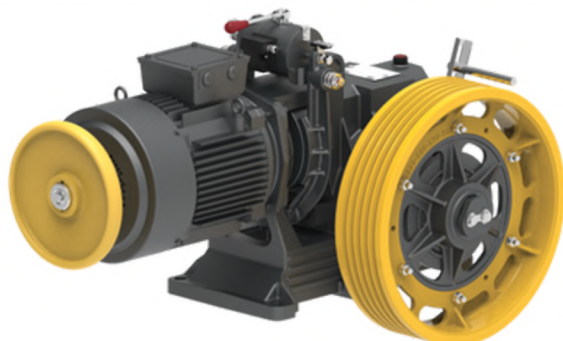


SHARP (Gearless)

Static load: **2,000 kg**
Capacity: **408 kg (2:1)**
Oil capacity: **-**
Motors: **50 Hz**
VVVF 4 poles: **2.5 KW**

SHARP (Geared)

Static load: **5,000 kg**
Capacity: **2000 kg (2:1)**
Oil capacity: **4.5 L**
Motors: **50 Hz**
VVVF 4 poles: **9 KW**



MONTANARI (Geared)

Static load: **5,000 kg**
Capacity: **2500 kg (2:1)**
Oil capacity: **5.0 L**
Motors: **50 Hz**
VVVF 4 poles: **11 KW**



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CONTROL SYSTEM



OPEN LOOP GEARED



CLOSE LOOP GEARLESS



INOVANCE VVVF DRIVE



INVT VVVF DRIVE



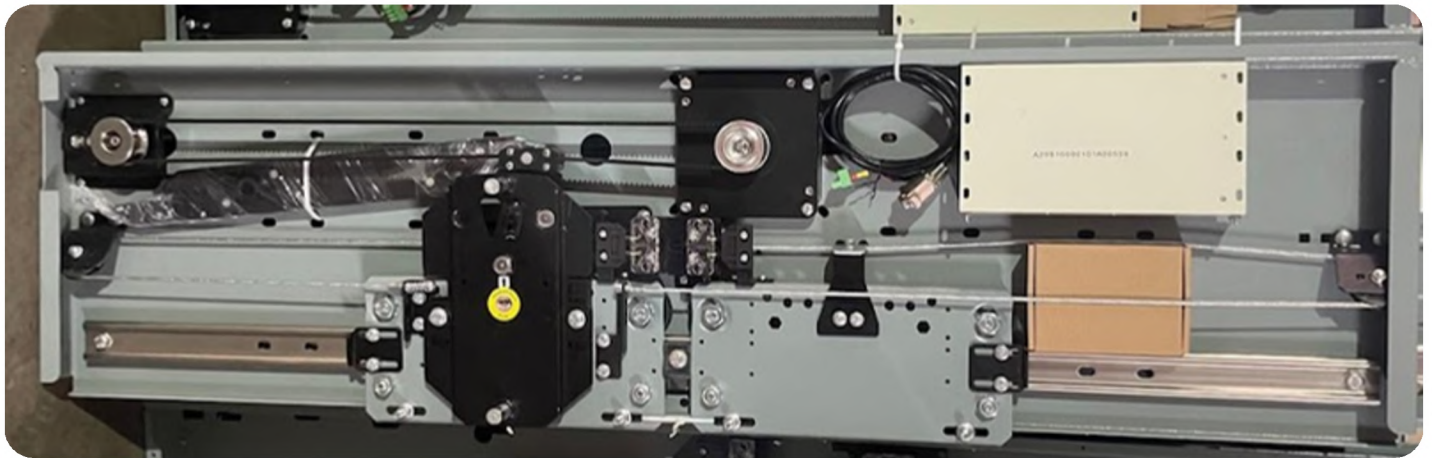
AUTO RESCUE DEVICE



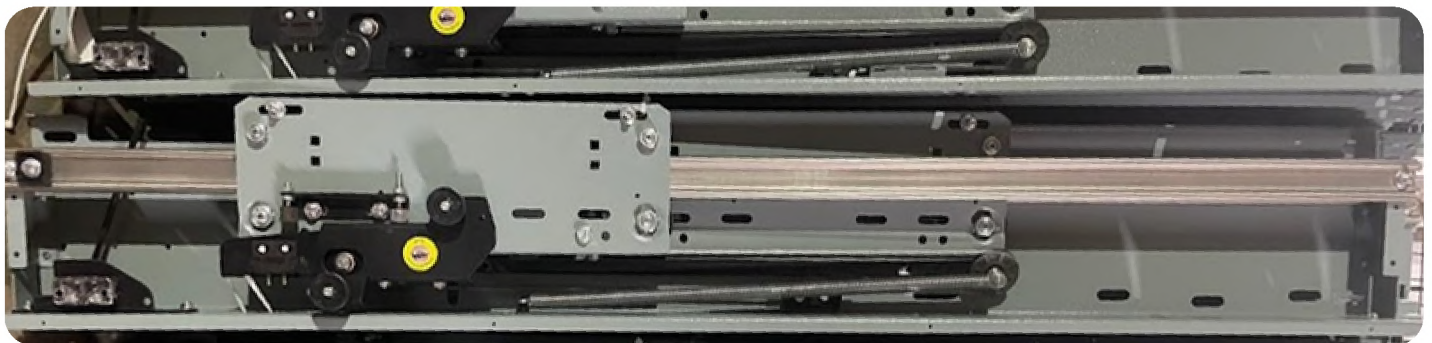
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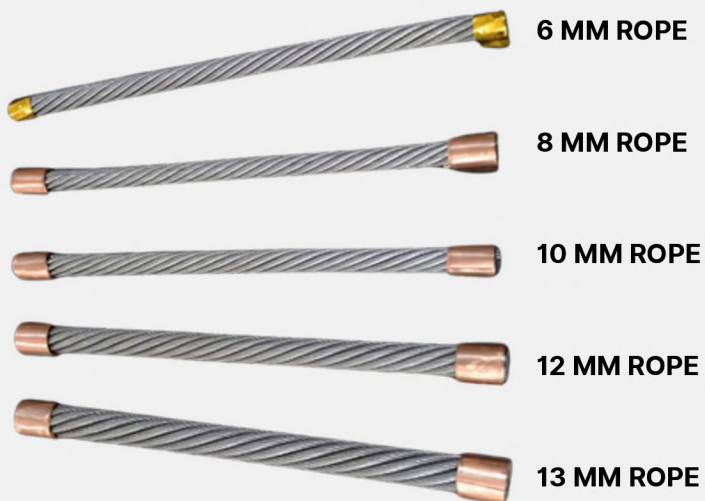
Header & Rope



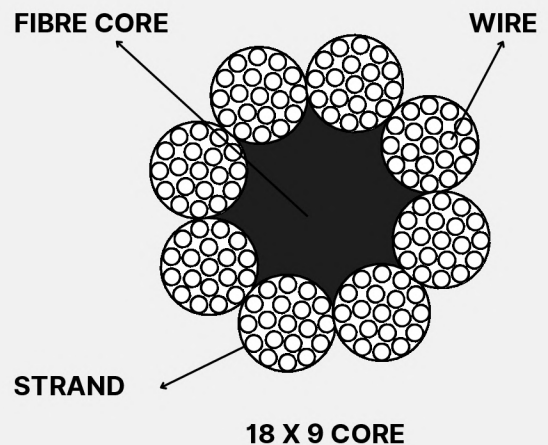
CAR GATE HEADER



LANDING GATE HEADER



USHA-MARTIN ROPE

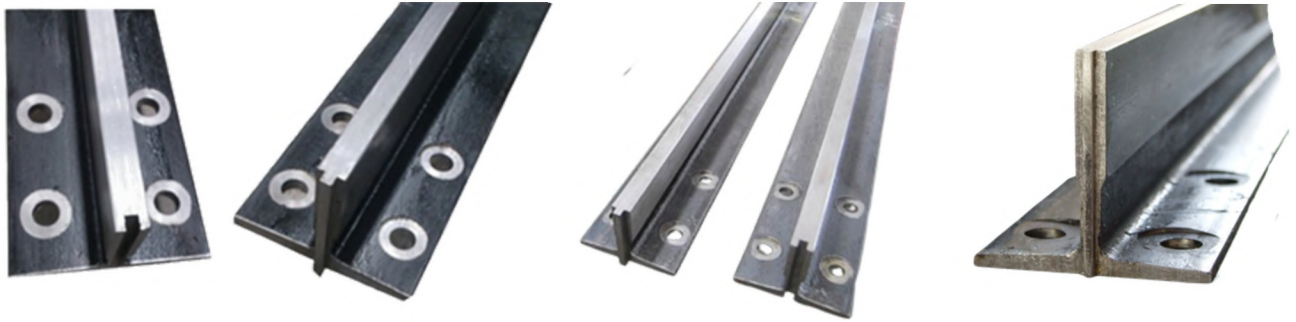


13 MM ROPE



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**OTHERS
COMPONENTS**



GUIDE RAIL



DOOR SENSOR



DOOR DRIVE



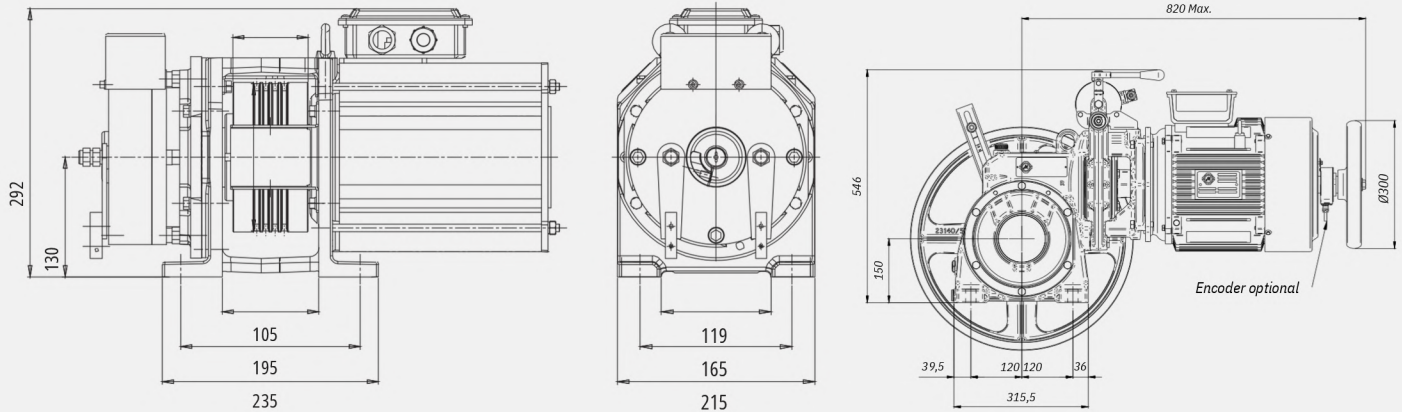
OVERLOAD SYSTEM



FIREMANS SWITCH

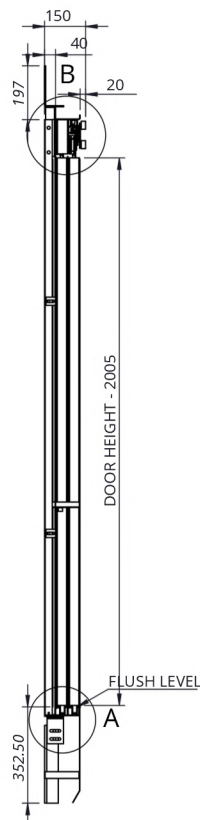
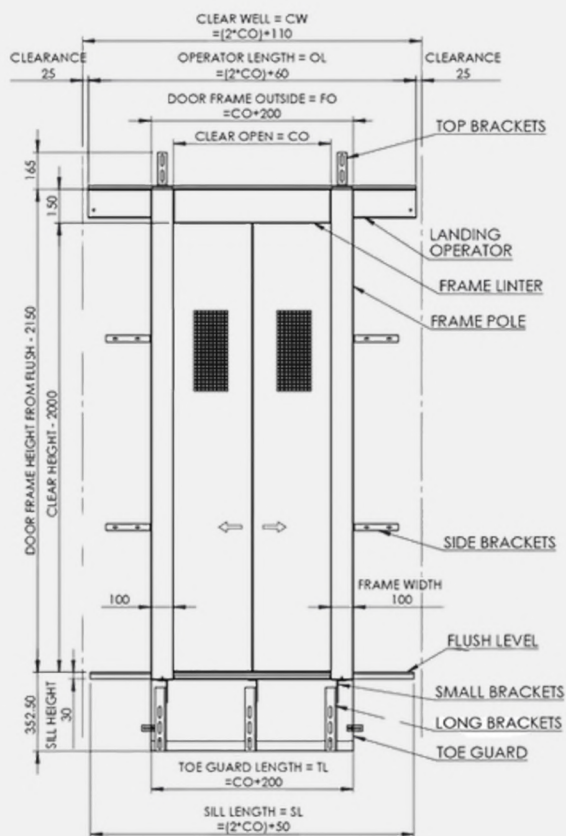


INTERCOM SYSTEM

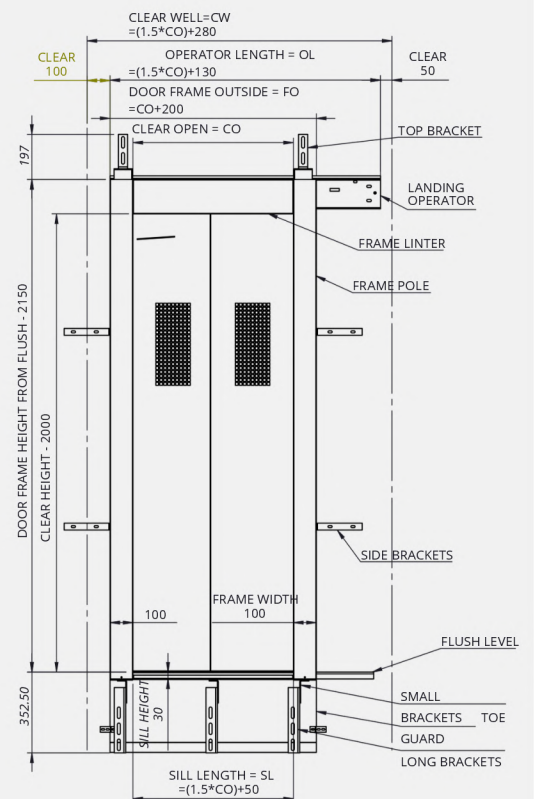


MOTOR TECHNICAL DRAWING

AUTO CENTRE OPENING DOOR



AUTO TELESCOPIC DOOR





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ASSOCIATED BRANDS

All Products are



Motor



Controller



Elevator Kit



Other Components





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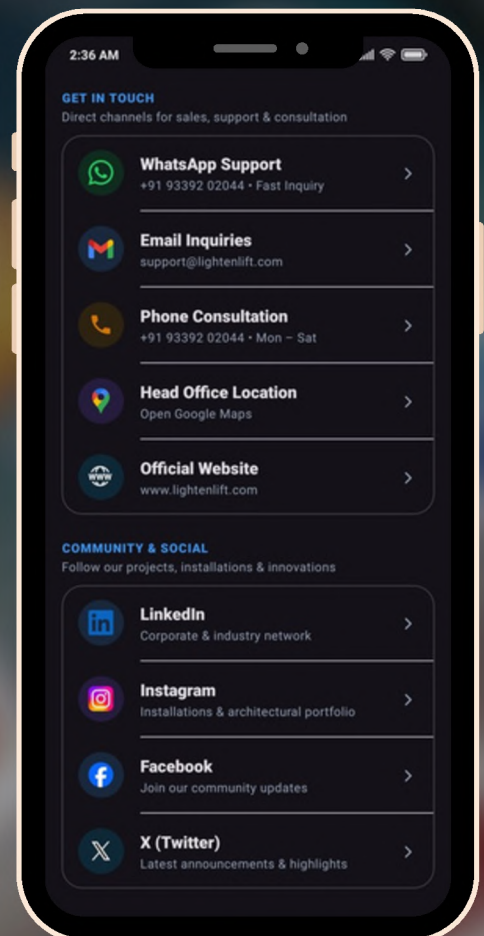
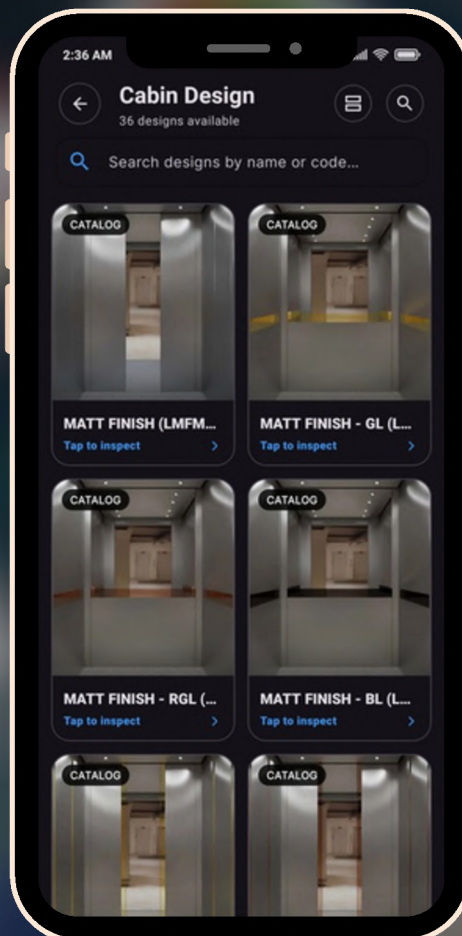
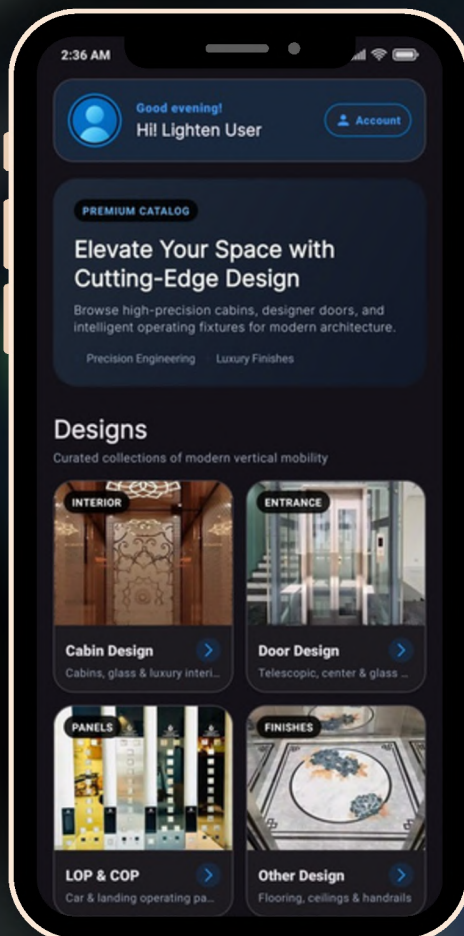
Download App

EXPLORE LATEST DESIGN

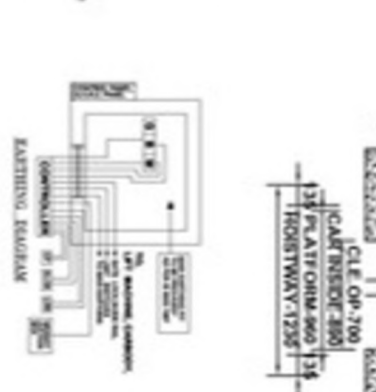
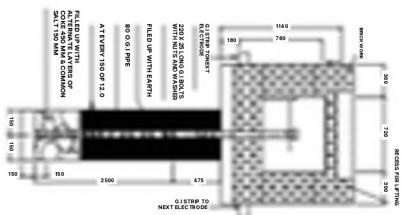
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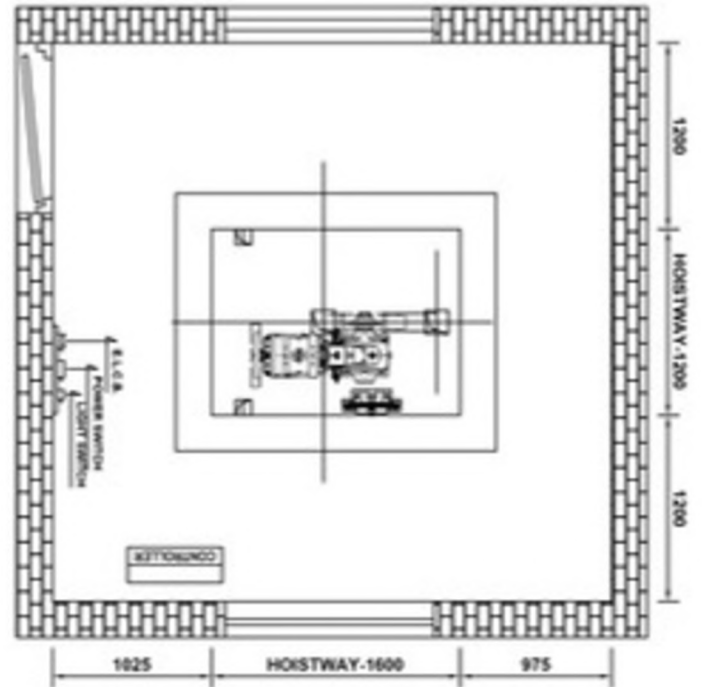
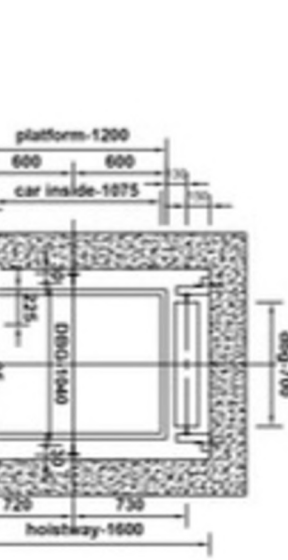
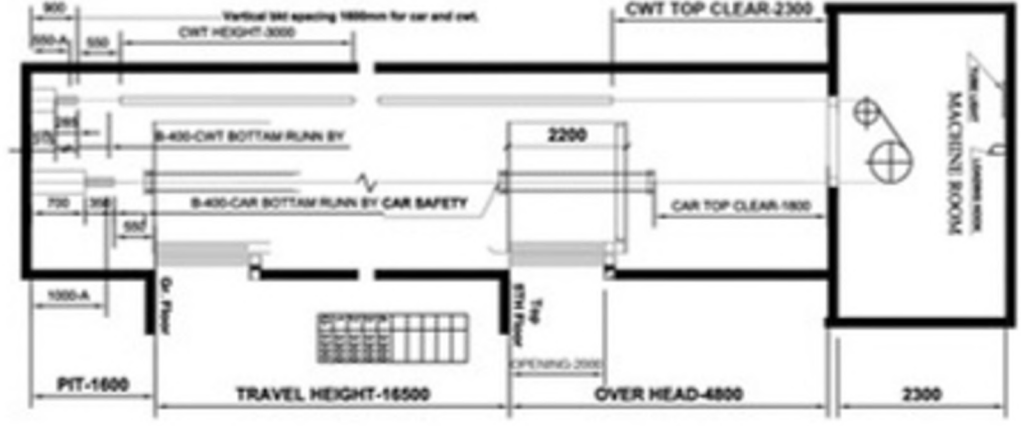
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Google Play



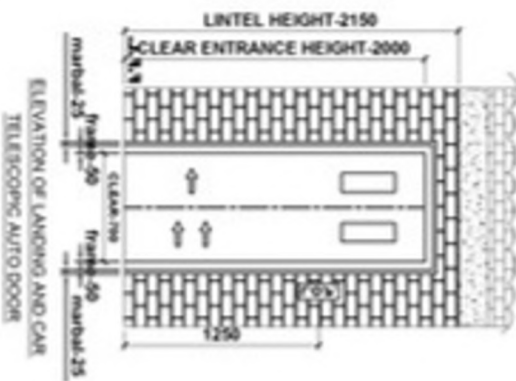
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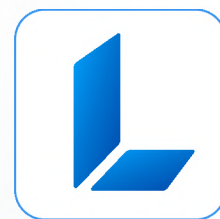


ITEM	DESCRIPTION	QTY	UNIT
1	OVERHEAD HEIGHT	1000	MM
2	CAR HEIGHT	700	MM
3	CABLE HEIGHT	1000	MM
4	CABLE TOP CLEARANCE	1000	MM
5	CABLE TOP CLEARANCE	1000	MM
6	CABLE TOP CLEARANCE	1000	MM
7	CABLE TOP CLEARANCE	1000	MM
8	CABLE TOP CLEARANCE	1000	MM
9	CABLE TOP CLEARANCE	1000	MM
10	CABLE TOP CLEARANCE	1000	MM



TYPE OF LIFT	PASSANGER LIFT
TYPE OF GATE FOR CABIN	ATO door
TYPE OF GATE ALL LANDING	ATO door
LIFT SUPPLY A. C.	230 Volts 50 Cycles
POWER SUPPLY	415 Volts 3 Phase
CONTROL PANEL	Microprocessor Panel
MC ROOM WINDOW	Min. Two Windows
MC ROOM DOOR SIZE	915 X 2000
GVV, ROPE NOS. - DIA.	1 Nos. - 8 MM Dia
HOIST ROPE NOS. - DIA.	3 Nos. - 13 MM Dia
MAIN PULLEY SIZE	6530
DIRECTOR	6530
TOTAL HEIGHT	22900
TRAVEL HEIGHT	16500
CAR GUIDE SIZE	70 X 65 X 9
CW GUIDE SIZE	50 X 60 X 6
SPEED	0.63 MPS
MOTOR	5 HP
CAPACITY	5 Passenger, 344 Kgs.
CWT D. B. G.	700
CAR D. B. G.	1040
PLATFORM SIZE	960 X 1200
CAR IN SIDE	850 X 1075
CAR ENCLOSURE	-
NO. OF STOP	6
NO. OF FLOOR	Q = 5
SIZE OF PIT	1230 X 1600 X 1600
LIFT WELL SIZE	1230 X 1600
MACHINE ROOM SIZE	3600 X 3000





THANK YOU

Contact us

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