

Freight Elevators

Enhancing Vertical Transportation Efficiency






The iElevate Advantage

Among the array of solutions aimed at facilitating this, iElevate stands out with its innovative Freight Elevator, designed to meet the demanding needs of businesses across various sectors.



Best of Technologies at work



A worker wearing a yellow hard hat and an orange safety vest is seen from the side, looking at a tablet computer. The tablet screen displays a blue interface with various icons and data. In the background, a large industrial lift is visible, consisting of a vertical shaft with a platform and a complex system of cables and pulleys. The setting appears to be an industrial or construction site.

Discover the iElevate 's – cutting-edge, space-saving lift , redefining vertical transportation. With its dependable high performance, this lift guarantees smooth operations, addressing a range of needs. Beyond its eco-friendly features, its sleek design simplifies loading and unloading, maximizing efficiency. Elevate accommodates diverse weights and sizes, presenting a versatile solution for all vertical transport requirements. Elevate your expectations with this innovative lift

Reliable High Performance

iElevate guarantees consistent and reliable performance, ensuring seamless operations for diverse requirements.

Eco-Efficient

This lift prioritizes environmental sustainability, offering an eco-friendly solution for vertical transportation needs.

Easy Loading and Unloading

Streamlined design facilitates effortless loading and unloading, enhancing operational efficiency.

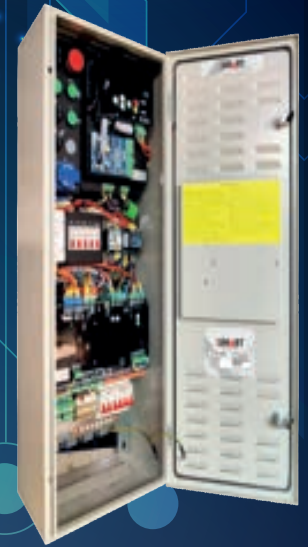
Wide Load Range

Accommodates a broad spectrum of weights and sizes, providing versatility in meeting diverse vertical transport demands.

iSMART
CONTROL PANELS BY IELE YATE

In Association with

ARKEL



iSMART MRL

- Compact and more thinner design
- High comfortable travel thanks to the new generation Motor drive technology.
- Re-Leveling and Door Pre-Opening Function with Integrated relays as option





Hydraulic Elevator System

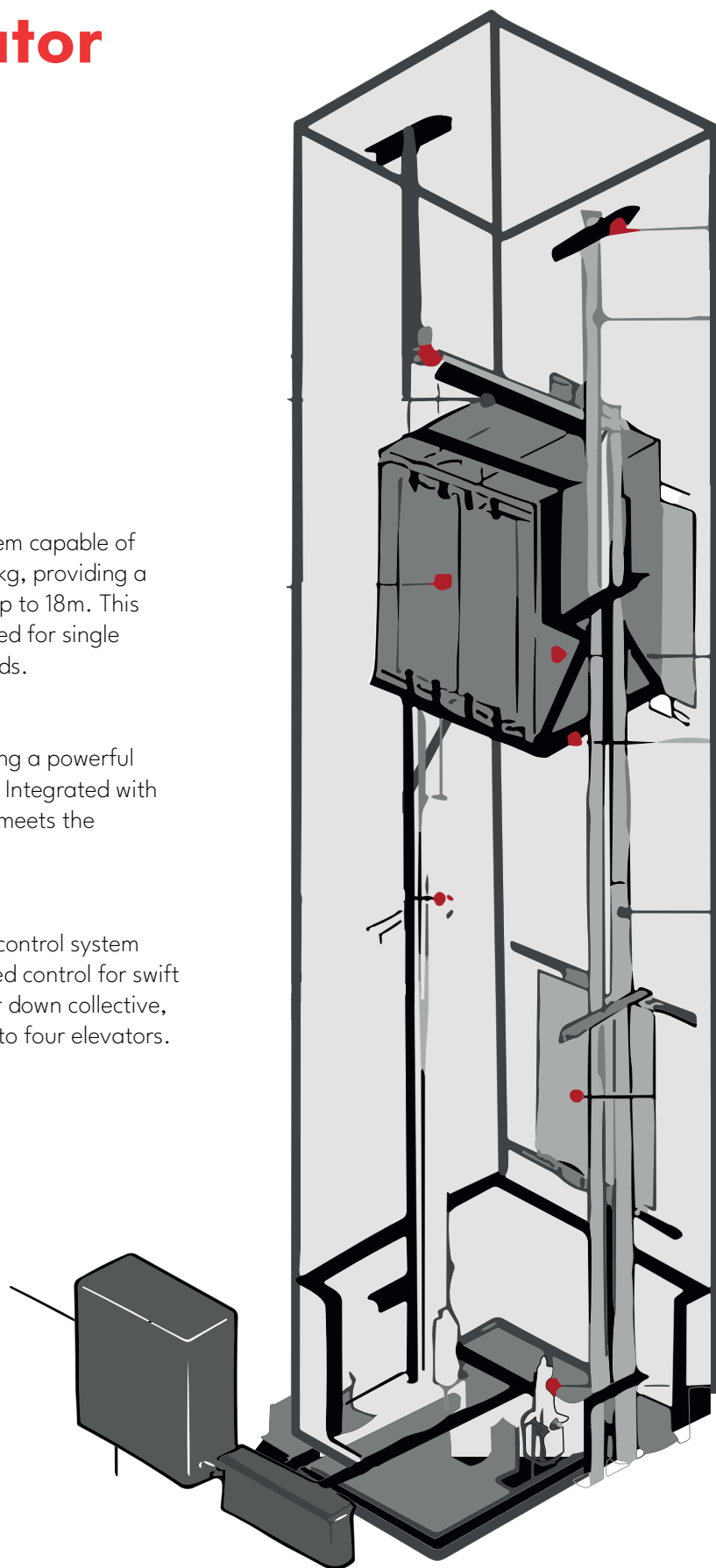
The iElevate uses an electro-hydraulic drive system capable of efficiently handling loads from 1000 kg to 6300 kg, providing a cost-effective solution for low-rise scenarios of up to 18m. This hydraulic elevator system is particularly well-suited for single applications and the transportation of heavy loads.

Drive:

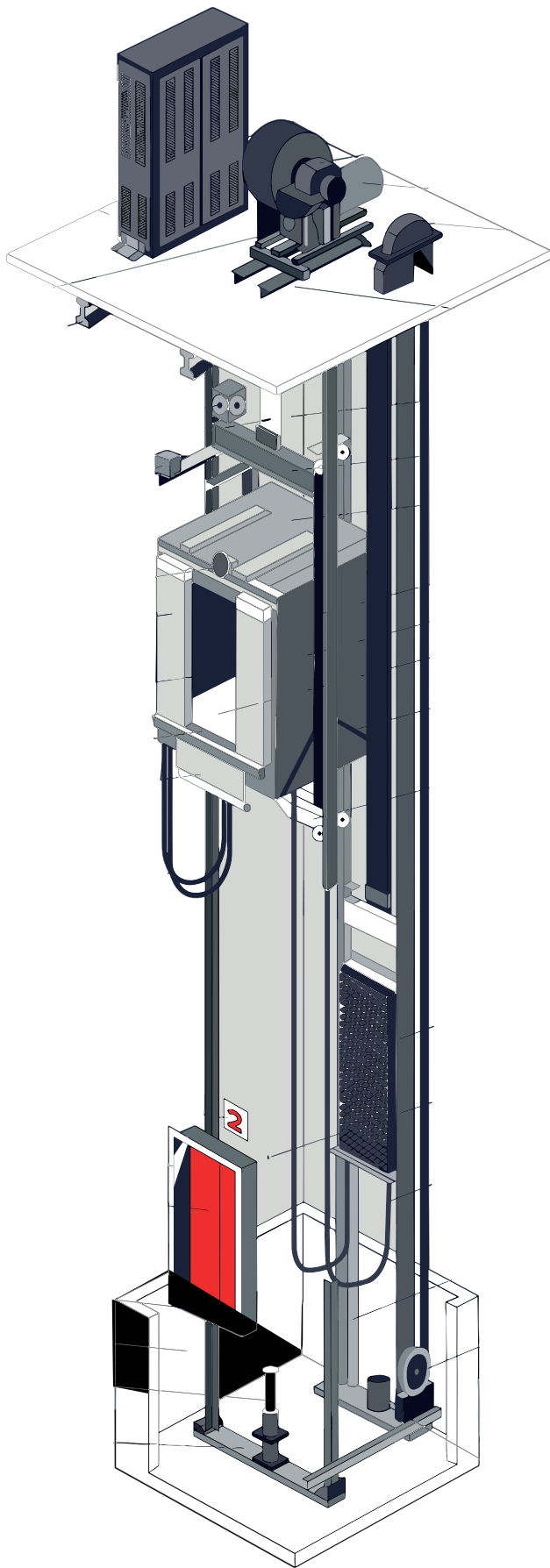
iElevate uses a distinctive drive system comprising a powerful pump unit and an electronically controlled valve. Integrated with the comprehensive control system, it seamlessly meets the demands of heavy freight transportation.

Control:

We use European based crafted microprocessor control system which caters to diverse needs, providing regulated control for swift ride times. Control options include pick-up, up or down collective, and collective/selective control for groups of up to four elevators.



Traction Elevator system



The iElevate elevator is equipped with an electromechanical drive system capable of handling loads ranging from 1000 kg to 5000 kg, making it an ideal choice for high-traffic complexes. Coordination between neighboring elevators enhances transport efficiency, especially in buildings with multiple units. Notably, freight elevators can manage loads of up to 5 tons without the need for a machine room, saving valuable space.

Drive :

The drive mechanism used by iElevate boasts a highly efficient permanent-magnet drive that operates without gears, leading to increased efficiency. Its compact size and quiet operation make it a preferred solution for machine-room-less elevators.

Control panel :

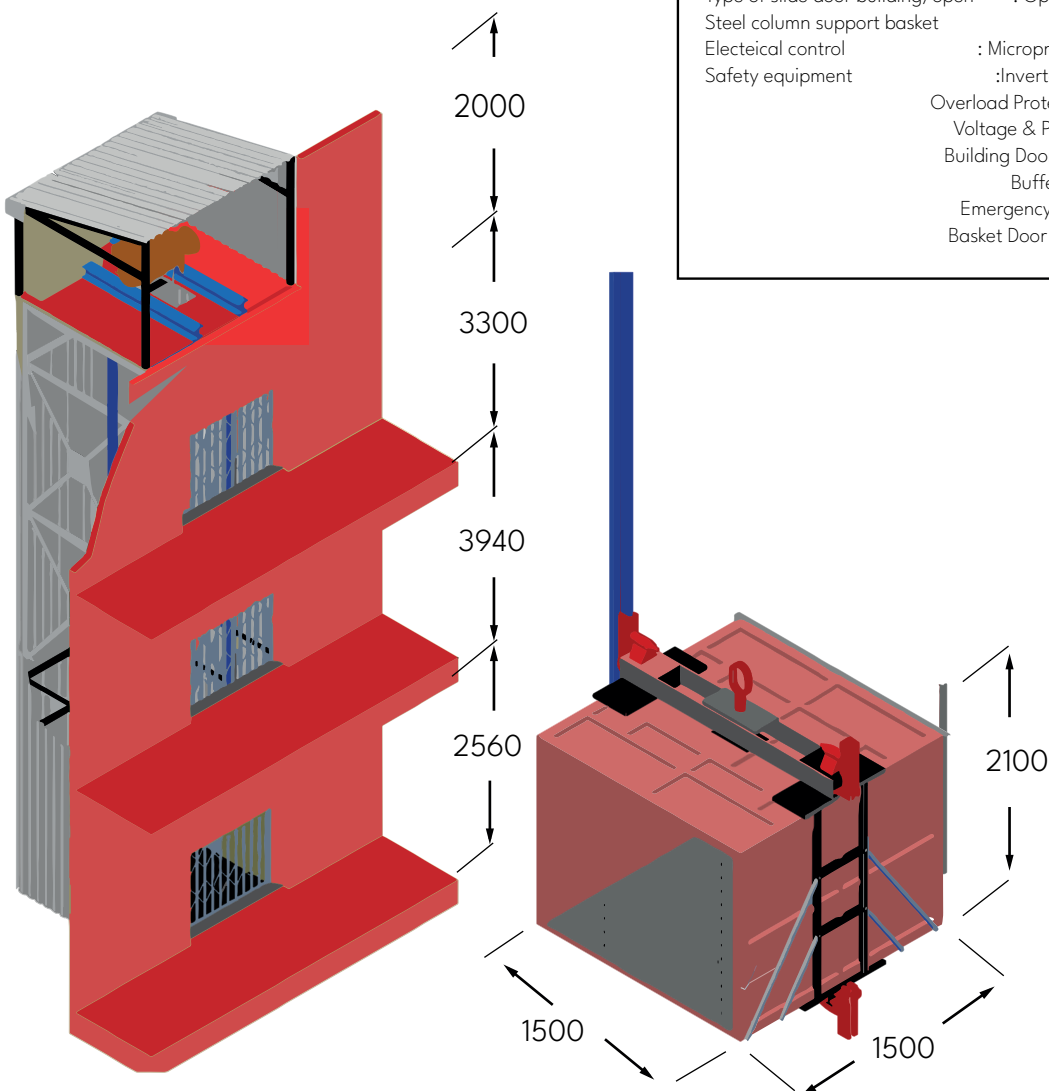
We use European based technology microprocessor control system in our elevator which is versatile, handles a variety of tasks for individual units and groups of up to four elevators. The control options include pick-up, up or down collective, and collective/selective control, optimizing ride times.

Navigating Vertical Cargo:

A Visual Guide to Freight Elevator Schematics



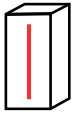
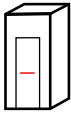
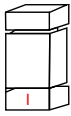
GOODS LIFT TECHNICAL DATA

Quantity	: 1 Set
Type	: Goods Lift
Goods lift capacity	: 1 Tons
No. Of fall	: 3
Lifting height	: 9 M
Height of building fall. 1	: 2.56 M. (floor 1-floor 2)
Height of building fall. 2	: 3.94 M. (floor 2-flant 3)
Height of building fall. 3	: 3.3 M. (floor 3-ceiling)
Winch room	: 2.0 M
Lifting sp	: 8 M/min (inverter Speed Cont
Winch typb	: Electric Wire Rope Hoist
Winch/model	: V03b6b080s (true Vertical Lift)
Winch capacity	: 3 Tons.
Height of lift	: 9 M
Basket dimension	: W1500xd 1500 X H 2100 Mm.
Type of slide door basket/ofen	: Open And Closed By Sliding Door Steel Ty
Type of slide door building/open	: Open And Closed By Aliding Door Steel Ty
Steel column support basket	: 4 Pcs
Electeical control	: Microprocessor Control,Interlock Door System,
Safety equipment	:Inverter Speed Control,Control Room Floors, Overload Protection System,Emergency Stop Button, Voltage & Phase Protect,Basket Door Limit Switch, Building Door Limit Switch,Capacity Warning Label, Buffer Rubber,Overload Protection System, Emergency Stop Button,Voltage & Phase Protect, Basket Door Limit switch,Building Door Limit Switch



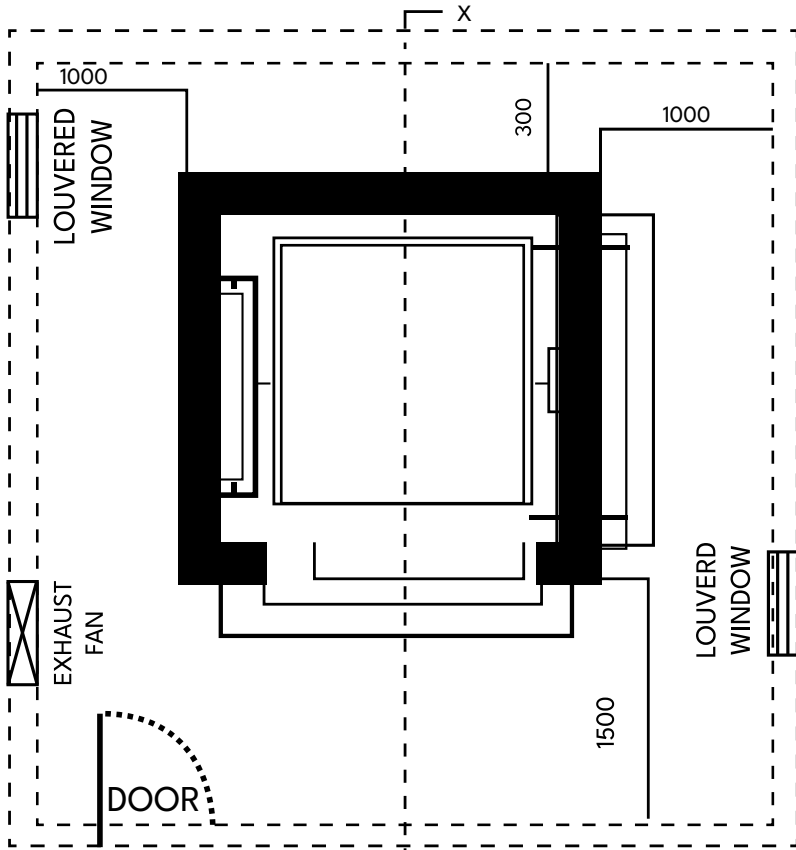
Comparison Chart :

Various Vehicle Transport Sizes

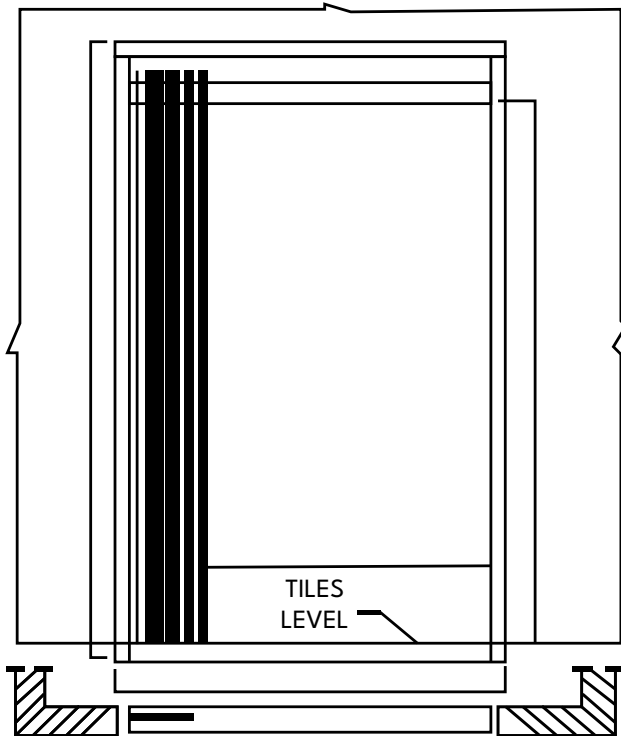
						
	Load capacity	Car width	Car depth	Car height	Door width	Shaft pit depth
Traction	1000	1000-1600	1400-2350	2000-2500	800-1600	1500
	1275	1100-1800	1500-2650	2000-2500	800-1800	1500
	1600	1200-2100	1500-2900	2000-2500	800-2100	1500
	2000	1400-2300	1650-2950	2000-2500	800-2300	1500
	2500	1400-2300	2050-3500	2000-2500	800-2300	1700
	3000	1500-2300	2350-3800	2000-2500	1000-2300	1700
	3200	1700-2400	2350-3550	2000-2500	1000-2400	1700
	3500	1800-2400	2550-3600	2000-2500	1000-2400	1700
	4000	1800-2500	2800-4000	2000-2500	1000-2500	1700
	5000	2000-3000	3000-4500	2000-2500	1000-2500	1700
	Hydraulic	1000	1000-1500	1300-2300	2000-2500	800-1600
1275		1200-1500	1450-2600	2000-2500	800-1800	2000-2500
1600		1550-2100	1500-2900	2000-2500	800-1500	2000-2500
2000		1400-2300	1500-2250	2000-2500	800-2100	2000-2500
2500		1400-2300	1650-2950	2000-2500	800-2300	2000-2500
3000		1500-2300	2050-3500	2000-2500	800-2300	2000-2500
3200		1700-2400	2350-3800	2000-2500	1000-2300	2000-2500
3500		1800-2400	2350-3550	2000-2500	1000-2400	2000-2500
4000		1800-2500	2550-3600	2000-2500	1000-2400	2000-2500
5000		1800-3100	2800-4000	2000-2500	1000-2500	2000-2500
6000		1800-3500	3000-4900	2000-2500	1000-3100	2000-2500



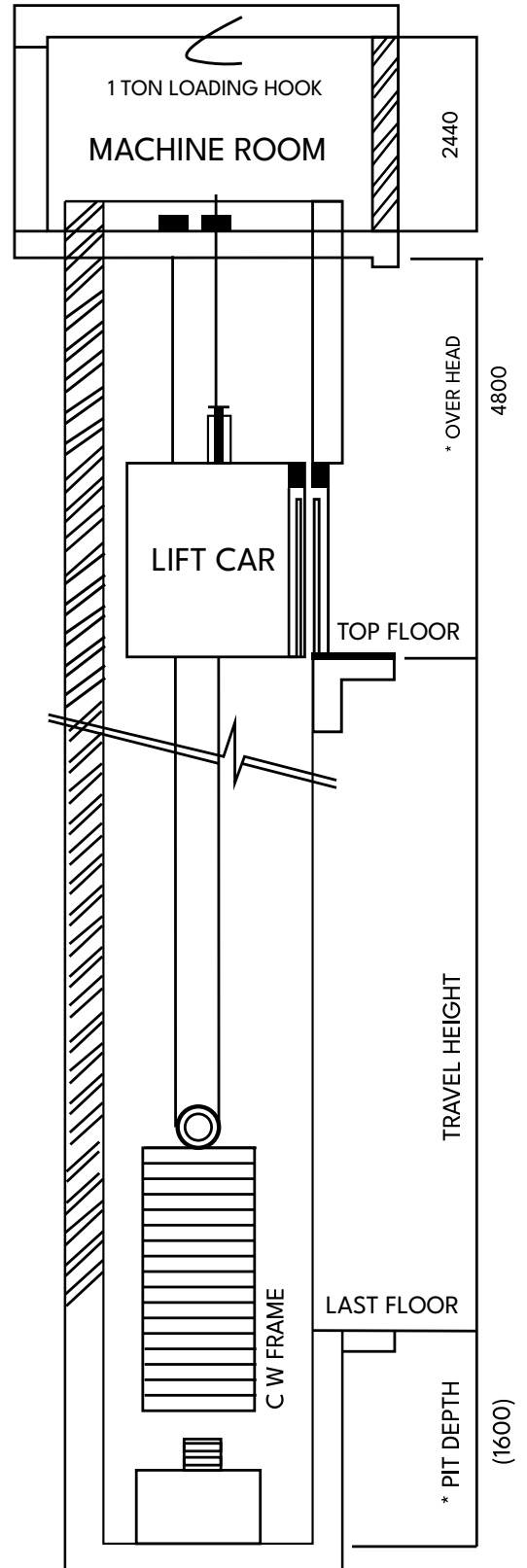
Dimensions of Goods Lifts



LIFT SHAFT, CAR, C.W. & MACHINE ROOM PLAN

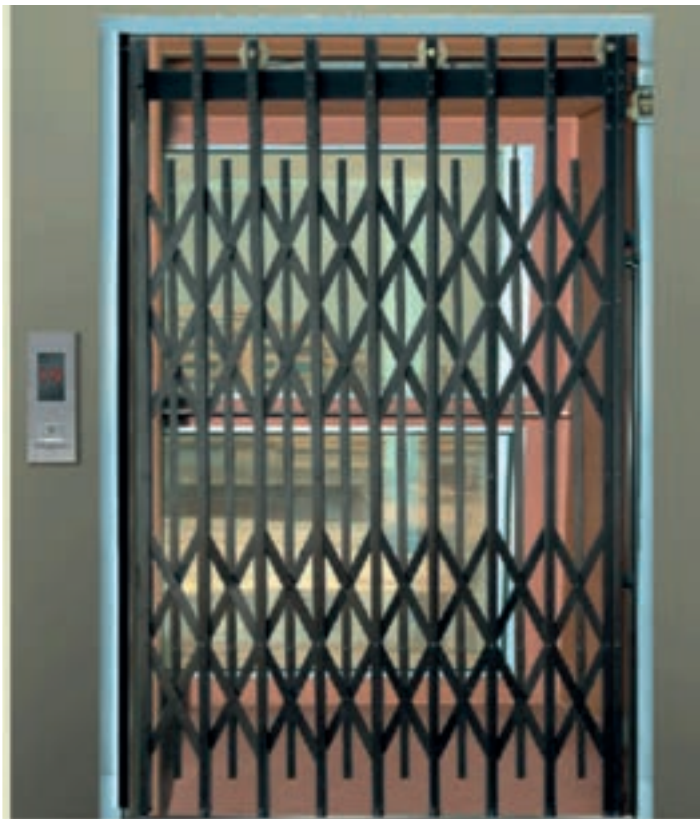


COLLAPSIBLE DOOR LANDING



(SECTION : X-X)LIFT WELL


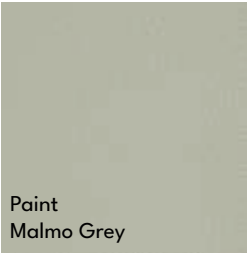
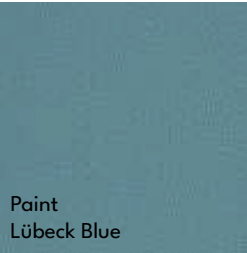



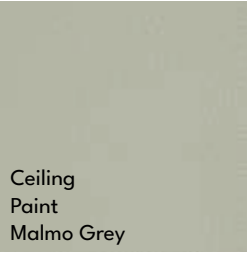
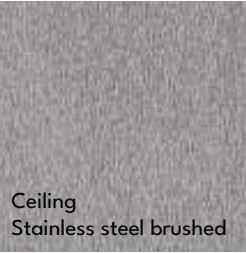

Cabine Couture





Ascend in Style

Elevator Shades Selection

<p>Walls/ Car doors</p>	 <p>Paint Catania Yellow</p>	 <p>Paint Malmo Grey</p>	 <p>Paint Lübeck Blue</p>	 <p>Paint Aberdeen Green</p>
 <p>Stainless steel brushed</p>	 <p>Stainless steel diamond-pattern</p>	 <p>Stainless steel linen</p>	 <p>Honeycomb Stainless Steel</p>	 <p>Colored PVD Stainless Steel</p>
				
<p>Ceiling</p>	 <p>Ceiling Paint Trondheim White</p>	 <p>Ceiling Paint Catania Yellow</p>	 <p>Ceiling Paint Malmo Grey</p>	 <p>Ceiling Stainless steel brushed</p>
<p>Flooring</p>	 <p>Floor Steel treadplate, primed grey</p>	 <p>Floor Stainless steel treadplate</p>	 <p>Floor Stainless steel treadplate</p>	 <p>Floor Aluminum treadplate</p>

Our Clients



NEXA



Mahindra
Rise.



PIND BALLUCHI
TRUE FLAVOURS OF NORTHERN INDIA





iELEVATE[®]
ELEVATORS

CONTACT US

CUSTOMER CARE : +91 88823 3555

PHONE : +91 90850 44444, +91 70655 71414

E-MAIL : contact@ielevate.co.in

WEBSITE : www.ielevate.co.in

FACTORY ADDRESS : Khasra No- 1200 Ground Floor, Rithala, Delhi - 110085
(Near Rithala Metro Station)

OFFICES AT : DELHI-NCR || NORTH-EAST || WEST BENGAL