

# NANO HOME LIFT

Heavy Duty Indoors & Outdoors Home Lift

*Eltouny Elevators Company Since 1964*





# NANO HOME LIFT

Designed to eliminate the architectural barriers of any buildings, allowing users a full freedom of movement.

NANO home Lift is installed in an aluminum shaft structure, both indoors or outdoors.

NANO Home lift ensures a smooth and silent ride, preserving the highest quality standards for all users. Its very safe to the whole family with an automatic return-to-floor function in case of power failure.



Heavy Duty

Indoors & Outdoors

Up to 4 Floors

Private & Public Spaces

Safe For The Whole Family

Energy-Saving

Reduced Headroom & Pit

Accommodates Wheelchair

Silent & Smooth Ride

Custom-Designed According To Requirements & Available Space.

Designed For Installations In Existing & New Buildings.

Finishes & Accessories Can Be Customised

# WHY CHOOSE NANO HOME LIFT?

- 1 HIGH QUALITY**

We pay a great attention to detail in every phase of the manufacturing process, which is embodied by a final product of the highest quality
- 2 ENERGY EFFICIENCY**

Thanks to the gearless motor drive that consumes less energy.
- 3 FITS WHEELCHAIR**

It comes as an option to supply NANO Home Lift that accommodates a wheelchairs users.
- 4 CUSTOMIZED DIMENSION**

It is custom-designed according to the available space.
- 5 HEAVY DUTY**

Gearless drive provides reliable operation, outstanding high traffic performance and a smooth ride.
- 6 INDOORS & OUTDOORS**

New or existing buildings, indoor or outdoor, public or private spaces. It adopts everywhere.
- 7 SAFETY AND COMFORT**

Our products ensure a very safe ,silent and comfortable ride for all users.
- 8 CUSTOMIZED DESIGN**

The Finishes is custome-designed with a wide range of materials to match your interiors.



**WE DESIGN AND BUILD YOUR NANO  
HOME LIFT, ADAPTING IT ACCORDING  
TO YOUR SPACE REQUIREMENTS &  
YOUR INTERIORS.**

# ALUMINIUM SHAFT STRUCTURE

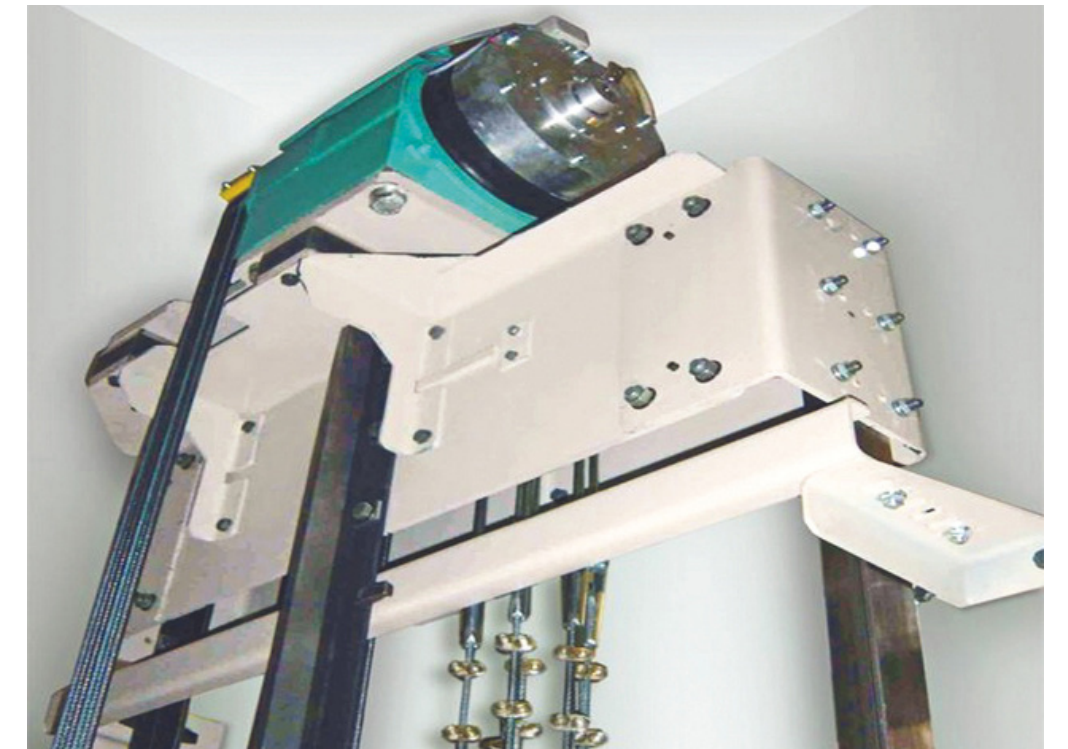
NANO Home Lift is supplied with a robust aluminium shaft structure , which requires fixings to a load-bearing wall and floor slabs. It integrates all mechanical and electrical components inside.



# GEARLESS MACHINE-ROOMLESS HEAVY DUTY NANO HOMELIFTS

Gearless machines are drive systems without reducer. It doesn't need a machine-room at all. The gearless motor elevates more weights with less power with 2:1 execution, providing reliable operation, outstanding traffic performance and a smooth ride.

- Less Noisy
- Less Vibration During Operation
- Less Maintenance
- Low Energy Consumption.
- Environmental Friendly Solutions.
- Machine Roomless Application
- Excellent Stopping Accuracy

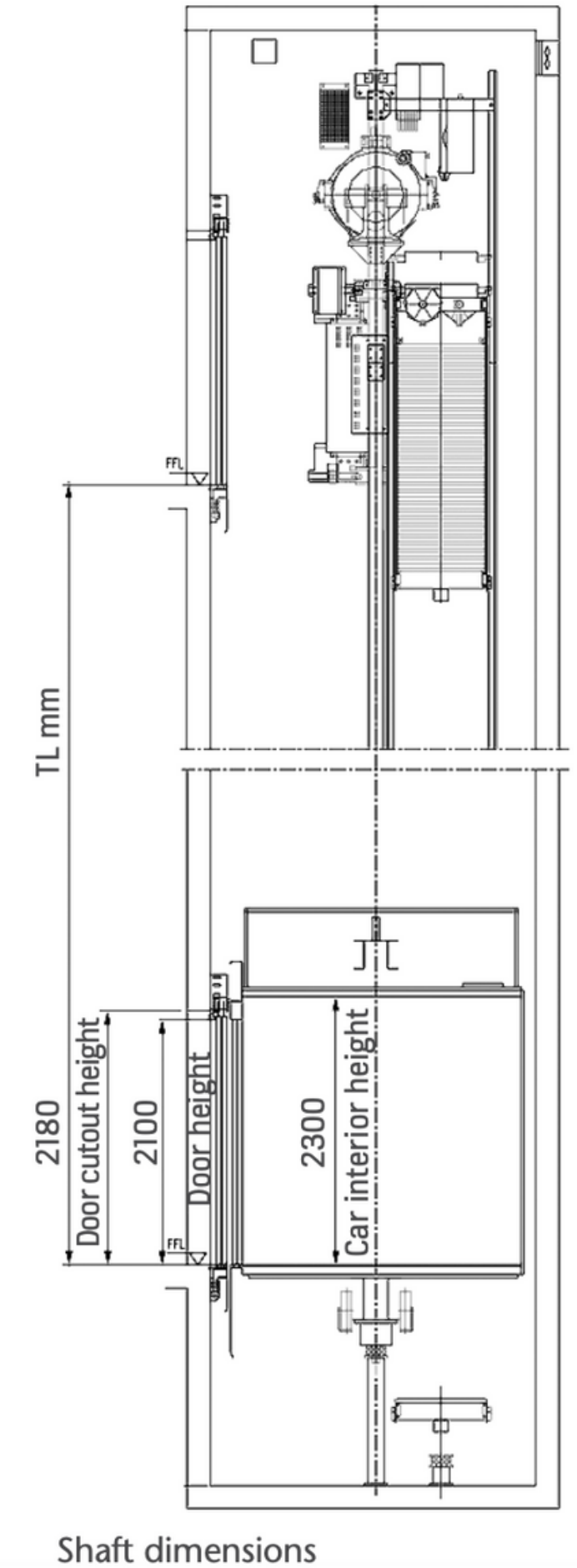
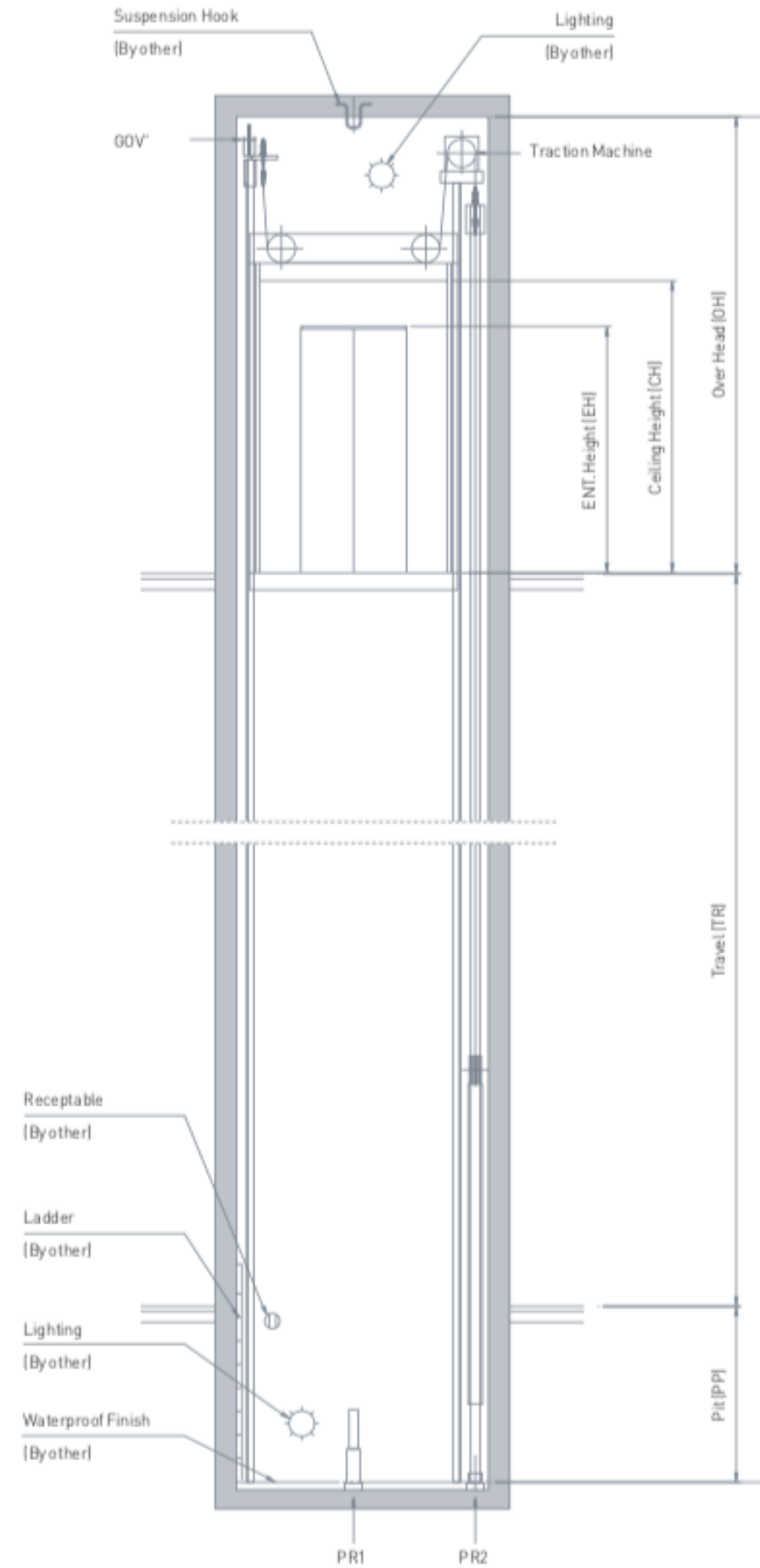
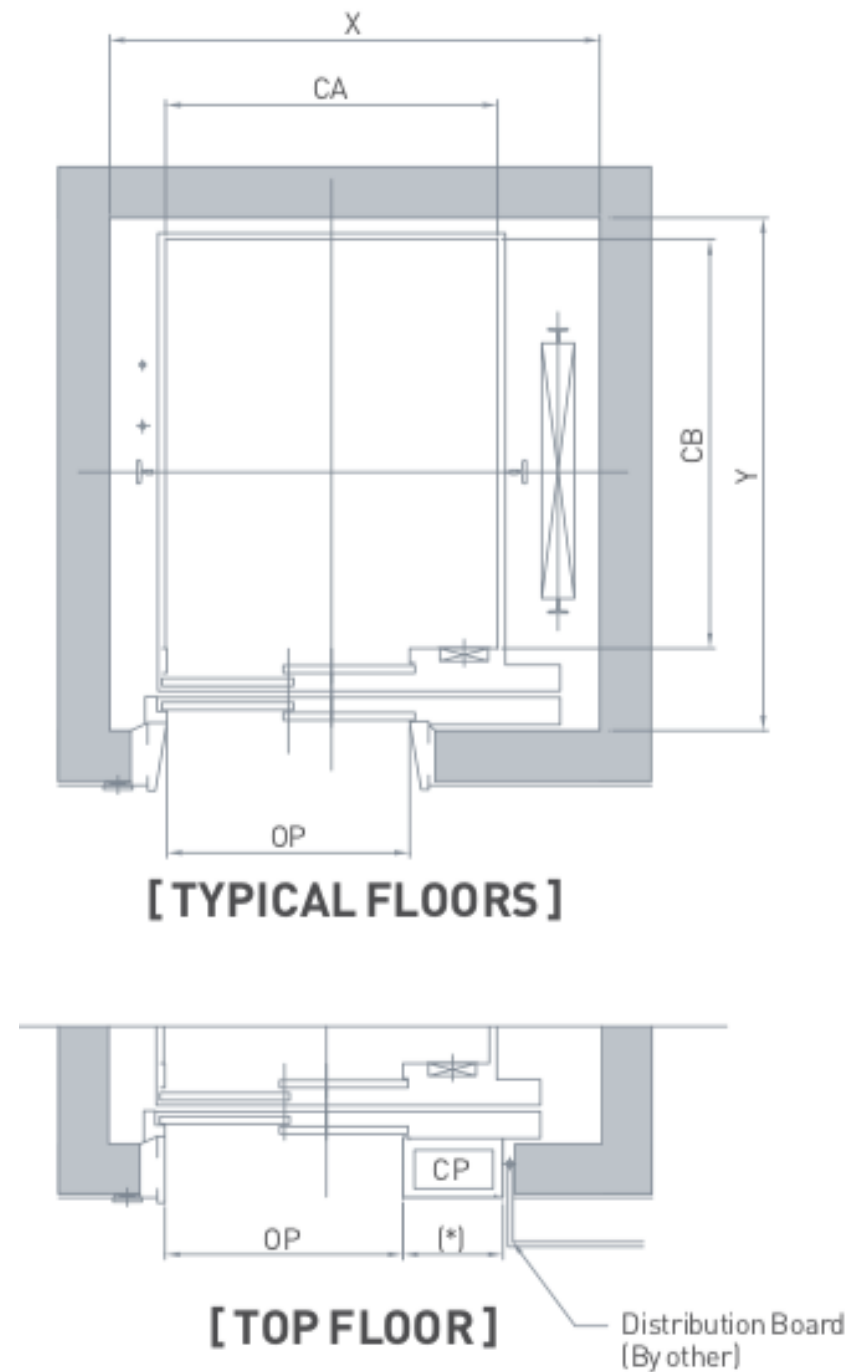




# GENERAL SPECIFICATIONS

Drive	Gearless Drive   Made in Italy/Germany
Load	Up to 450 kg
Floors	4 Floors ( G-1-2-3)
Travel	10 m
Pit	Min 300 mm
Over headroom	2800 mm
Control Dim.	H 1900 x W 450 x D 250 It can be installed up to 7 m far away from the lift.
Power Supply	380 volt / 3 phase electrical outlet.
Wheelchair	Optional
Outdoors	Optional
Design / Materials / Walls	Customizable

# PLANNING GUIDE



# MRL MAIN SPECIFICATIONS

Passangers	Rated load (kg)	Car weight (kg)	Rated speed (m/s)	Car internal dimension (mm)	Door width (mm)	Folding Door	Automatic Door
2	175	680	1	800 x 800	700	X	X
4	320	750	1	900 x 900	700	X	X
6	450	830	1	1100 x 1100	800	Optional	Optional

# MAINTENANCE

- NANO Home Lift requires regular maintenance. It is important to know ahead of time, that all home elevators should be serviced a minimum of twice a year in order to keep them in good working order.
- Parts and maintenance are provided through us, and shall be installed by us or our authorized dealer ONLY.



# SAFETY

- NANO Home Lift meets the Egyptian code of elevators requirements.
- Standard safety features include an emergency stop switch, safety brakes, overspeed governor, manual lowering and emergency battery back-up for cab lighting and lowering.
- That means you should never have to worry about most safety risks—even during a power failure your elevator will lower you safely downwards. Your unit will need twice-a-year scheduled maintenance to help ensure optimal reliability and performance.

# 6 LAYERS OF SAFETY

1

## BATTERY BACKUP UPS

This is a battery backup system that provides backup power when the regular power source fails, In that case, the battery mode is automatically turned on.

2

## OVERLOAD SENSOR

When the car is overloaded, the lift won't move and will give a sign on the COP.

3

## OVERSPEED GOVERNOR

This device is specifically designed to stop the lift if it runs beyond the prescribed speed.

4

## SAFETY GEARS

even if all the cables snapped, the lift wouldn't fall to the bottom floor.the breakes will lock in place whenever the elevators starts to fall faster than an allowed amount.

5

## MAGNETIC LOCK SWITCH

To ensure that the door of the lift can open only if the car is available & the elevator isn't in use.

6

## PHOTOSELL SENSORS

It will force the lift to stop immediately when passengers or objects approach the exit of the lift while in use.



# PROJECTS





NANO Home Lift | Project 1





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NANO Home Lift | Project 1



NANO Home Lift | Project 2



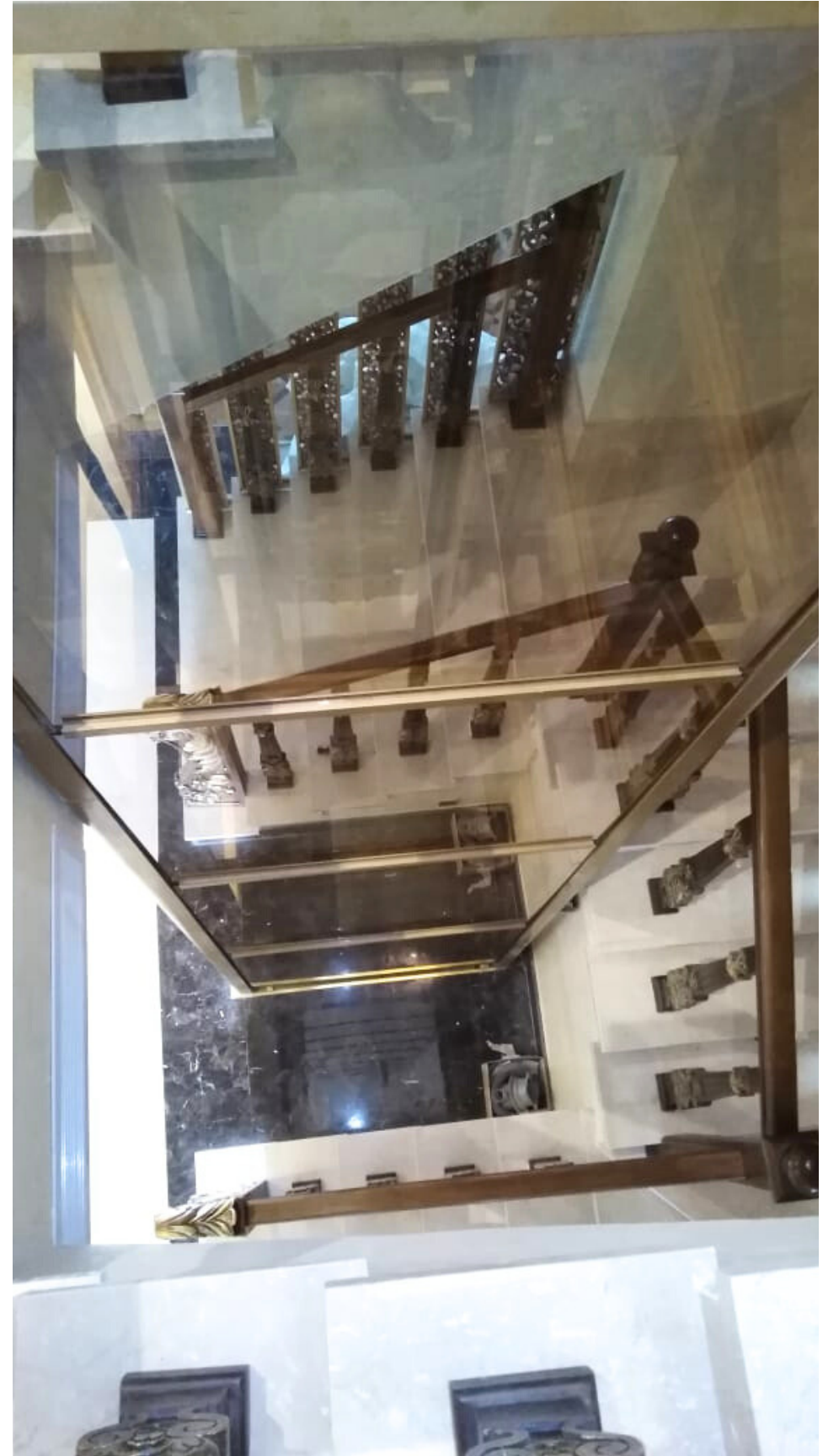
NANO Home Lift | Project 2



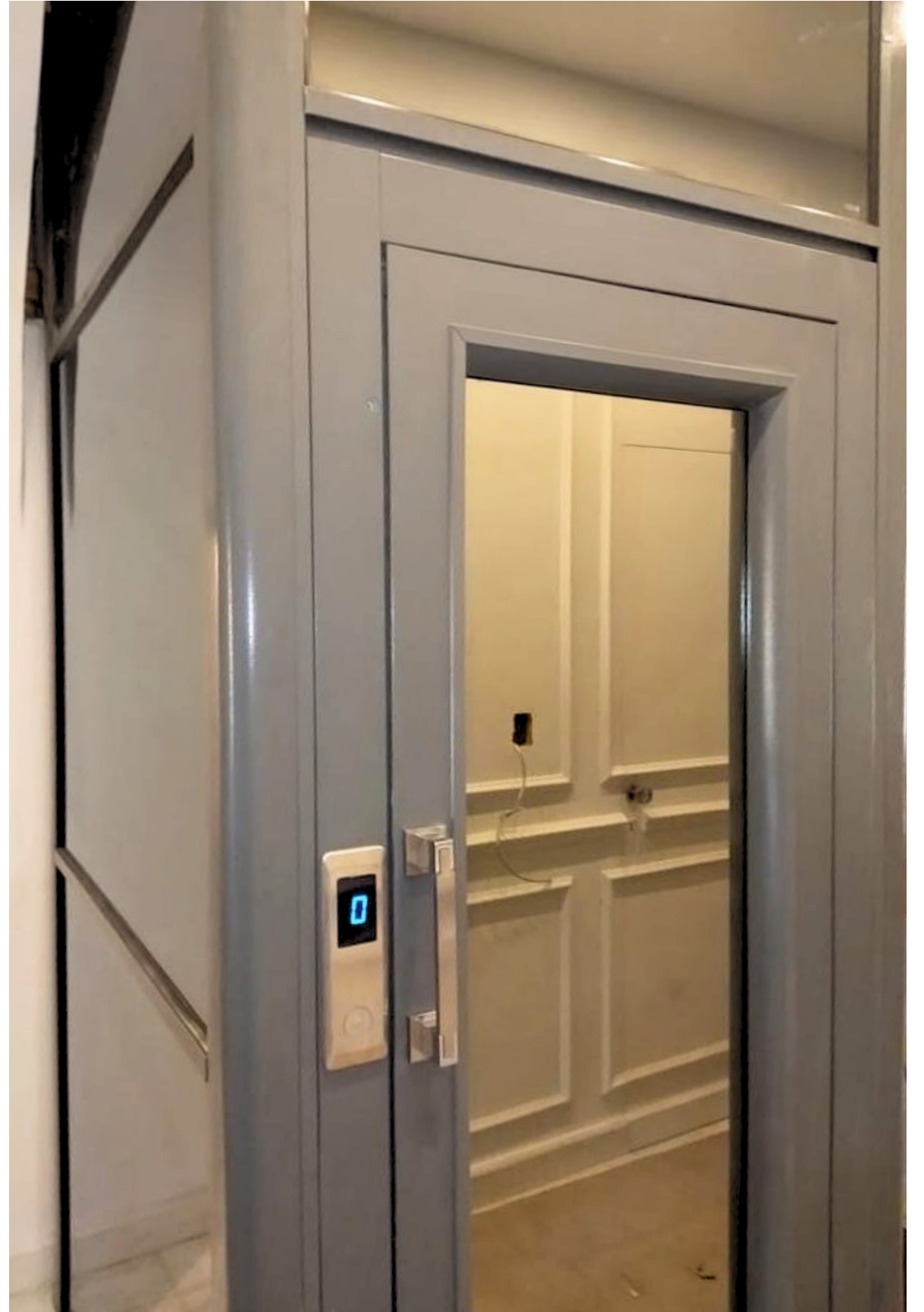
NANO Home Lift | Project 3



NANO Home Lift | Project 3



NANO Home Lift | Project 3



NANO Home Lift | Project 4

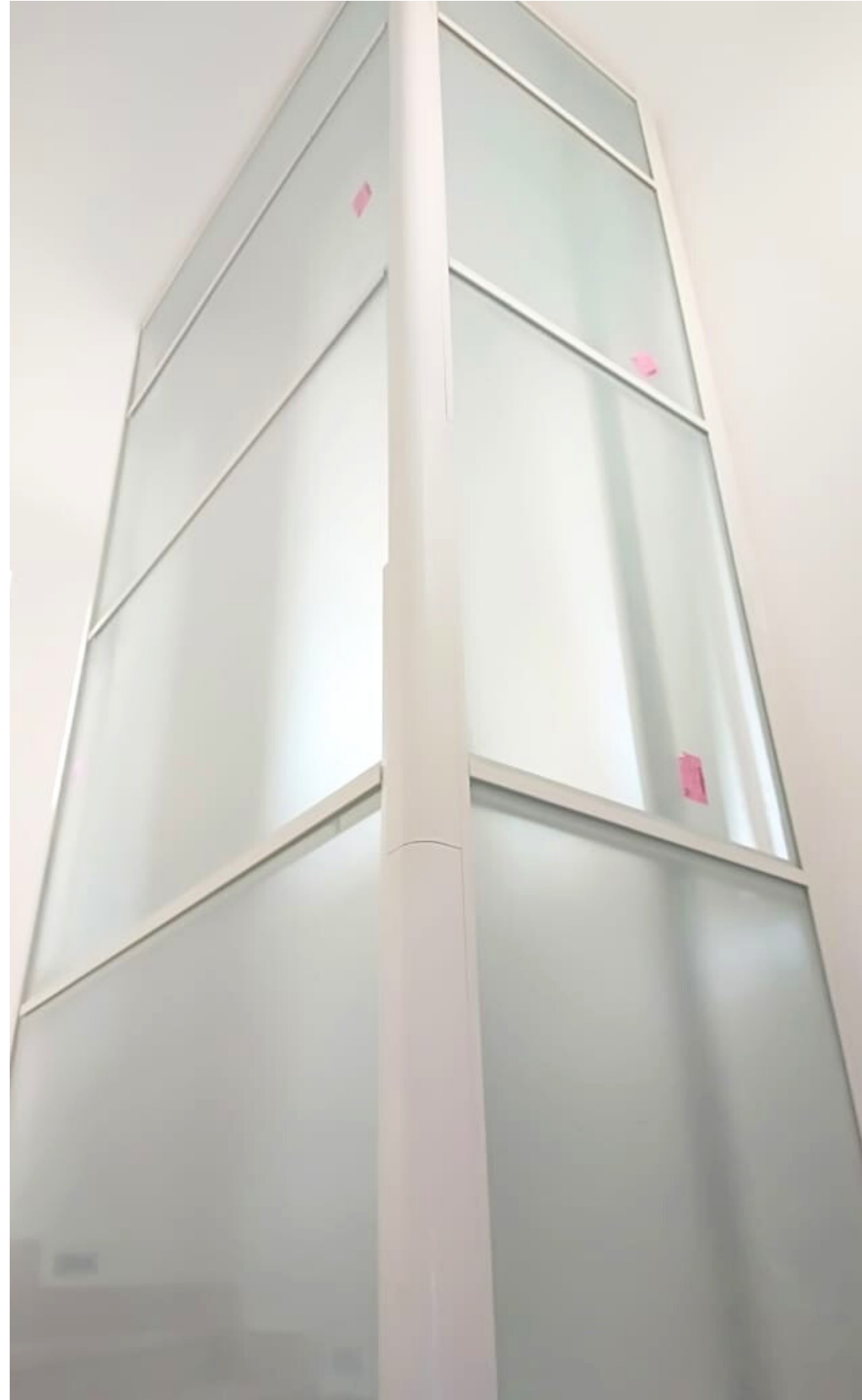




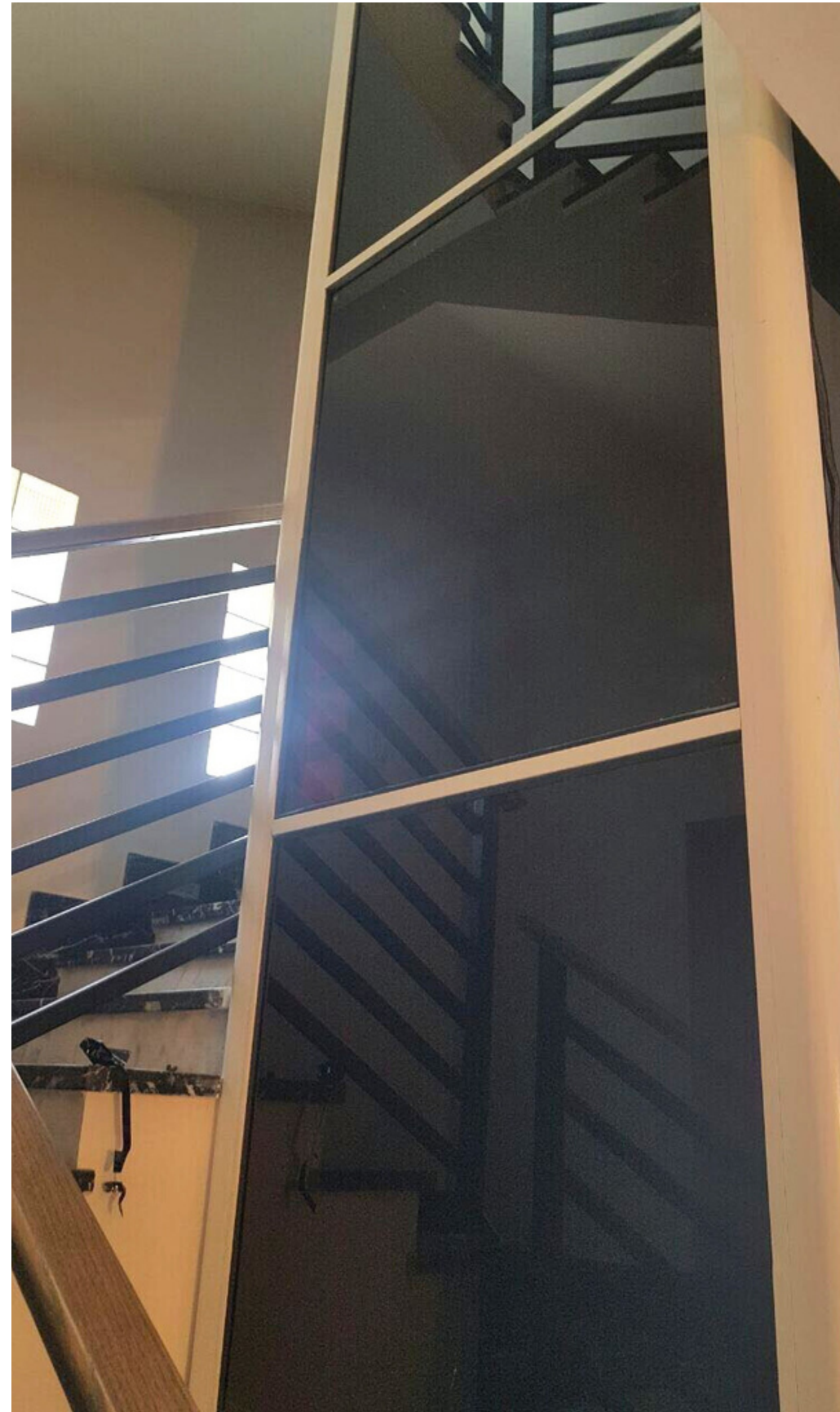
NANO Home Lift | Project 5



NANO Home Lift | Project 6




NANO Home Lift | Project 7



NANO Home Lift | Project 8

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