

VEHICLE ELEVATORS



EVOLUTION



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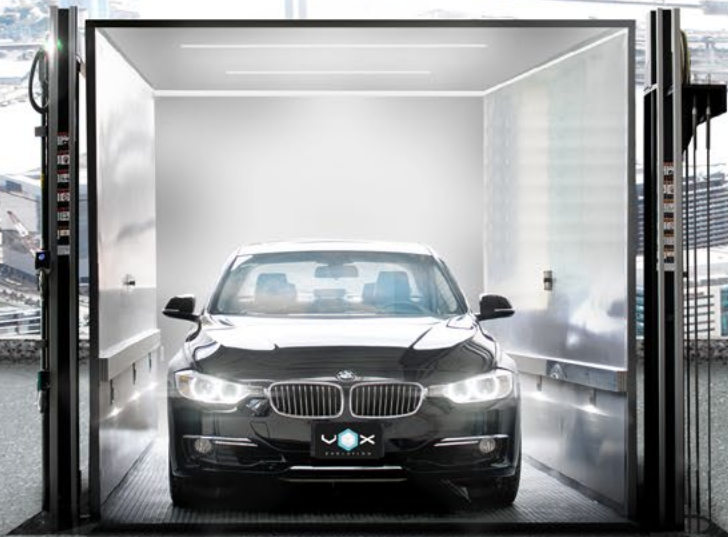


INTRODUCTION



◇ INNOVATIVE LIFTING SOLUTIONS:

Vehicle Lifting Solution can require a unique build. Engineered and built for you, a custom lift solution solves the challenges you face to properly position your cars. We work to understand your process requirements and design the right solution to increase your productivity. Your perfect lift solution is waiting to be designed by our expert engineers.



FULL VOX



VOX EVOLUTION

VOX EVOLUTION

FABRICATIONS OF THREE DIFFERENT MODELS

⬡ **Full Vox** It consist of a complete cabin with a cover and alucobond panels of 1.80 meters high and a horizontal aluminum guard with three lamps inside each side and a keypad for easy operation.

⬡ **Vox Evolution** Designed with a 1.60 m high alucobon panel and horizontal aluminum guard with three automatic lamps on each side and a keypad for easy operation, with a rear panel option.

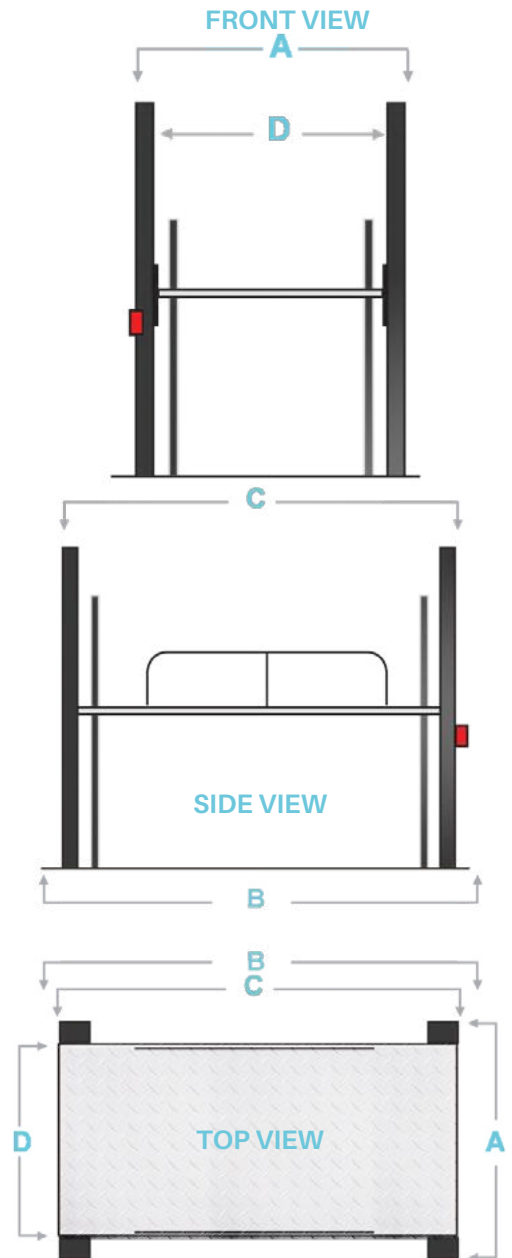
⬡ **PLATFORM** Structured with safety railings on the sides and security guard (vertical rail type) in 1 m high mesh on the front and top of the equipment. Applies only for two seasons.



PLATFORM



DIMENSIONS AND CAPACITY



Description	Measure
A Between Columns (outside)	3.30 m
B Overall Length	6.00 m
C Platform Length	5.80 m
D Between Columns (inside)	2.60 m

Description	Measure
E Rail (Width)	2.75m
F Rail (Height)	1 m



PLATFORM MODELS AND MEASURES

2.80 m
2.70 m
2.60 m



90°

Wide angle maneuverability



Thanks to its large horizontal space, it can maneuver at angles of up to 90° without any difficulty.

Note: These measurements are estimated, with a degree of reliability of 84% due to new models and accessories in the market.



COMPONENTS



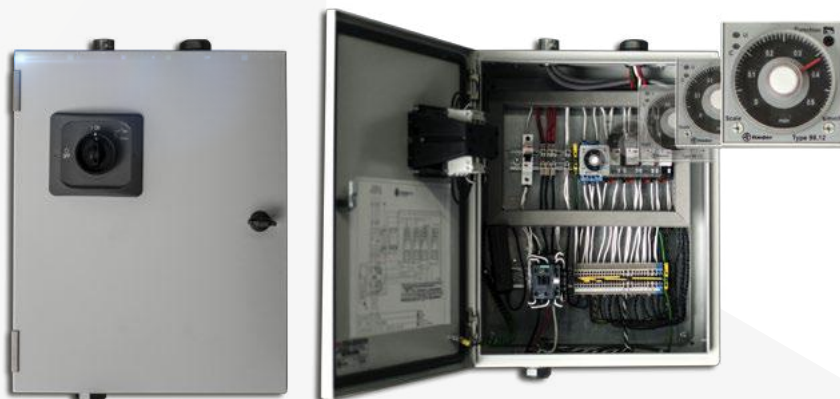
Features of the Hydraulic Unit

Power Unit	10 HP
	7.5 kW
Oil Flow	7.2 Gal/min
Max. Pressure	2500 PSI
Deposit	90 l
3 Phase Voltage	220 VAC
	440 VAC
	60 HZ
Solenoid valve	110 VAC

This hydraulic unit is used in elevators.



- OPERATION OF **ELECTRICAL HYDRAULIC**
- EASY HANDLING** AND INSTALLATION
- 1 YEAR WARRANTY** ON REFACTIONS.
(PUMP INCLUDED)



Master Control Box : It is responsible for operating each of the components that make up the elevator, has break and motor protection that protect the entire equipment from electrical overloads.

TIMER: Keeps elevator cabin lights on when sensors detect presence



PLC: MICROLOGIX 4 OF ALLEN BRADLEY

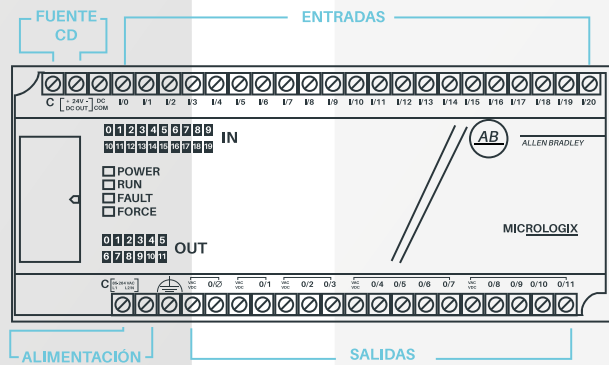
It's the control computer that processes each of the stations, the logic and operation of the elevator.

It has the ease of scanning the operation and any malfunction of sensors, control panels, keypads and security elements just by connecting to the PC

Low maintenance and **easy to program.**



PLC technical data
Foundation: 85-265 vac
Power supply: 24 dc
20 Inputs
12 outputs



* Product applicable only from four seasons

COMPONENTS

- | | | | | | |
|---|---------------|---|-----------------|---|-------------------|
| A | Sensor | D | Security micros | G | Safety guillotine |
| B | Traffic light | E | illumination | H | Call keypad |
| C | Pulleys | F | Hoisting cables | I | Operation keypad |



COMPONENTS

OPERATION BUTTON: It has a stainless steel keypad on each side, perfectly located for easy operation and control from inside the car.



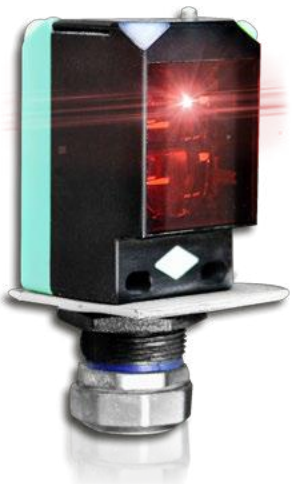
Call Control: Located at each elevator station.



OPERATION OF SEMAPHORE: The green light indicates that the equipment is available and ready for operation, while the red light announces that the lift is in motion.



PHOTOELECTRIC SENSOR: For safety, it blocks the operation of the equipment. It responds to the change in the intensity of the light without the need for a reflector. Converts the light into electrical signals that interrupt the operation of the equipment to detect presence.



The **COMPONENTS** are of the highest quality, ensure the optimal performance of our equipment and guarantee total safety.



4 CABLES STEEL CABLES: Support more than 22 tons



SAFETY SWITCHES: Stop the elevator travel when arriving at the station indicated in the operation keypad.

PULLEY OF NYLAMID: With high strength bearings



Anti-FAST VALVES IN 7.5 GPM: Regulates the oil that circulates through the pistons, if it detects more conventional flow immediately blocks the operation of the equipment avoiding crashes.



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