VOX

ELEVATORS

Parkmatic

www.parkmatic.ie

INTRODUCTION

Parkmatic VOX Elevator designs and manufactures vertical reciprocating conveyors that add efficiency and safety to any material handling lift application.

FULL VOX

VOX EVOLUTION

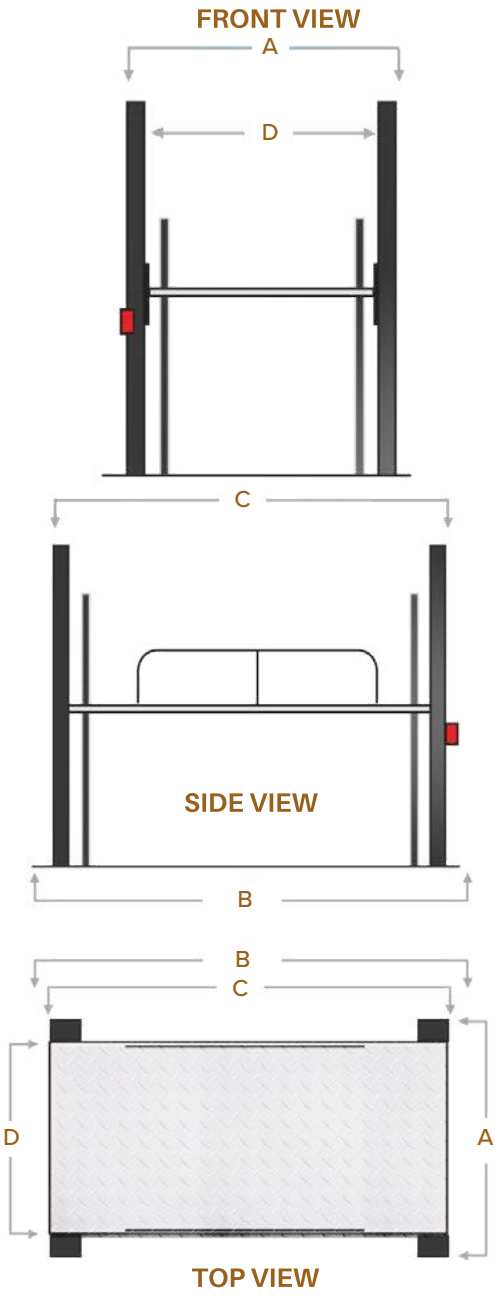
VOX ELEVATORS

VOX PLATFORM

THREE DIFFERENT MODEL TYPES

- **FULL VOX** — Consists of a complete cabin with cover and alucobond panels and a vertical sliding gate. Comes equipped with automatic lighting and a keypad for easy operation.
- **VOX EVOLUTION** — Designed with 5' 3" high alucobond panels on both sides and a vertical sliding gate. Comes equipped with automatic lighting and a keypad for easy operation.
- **VOX PLATFORM** — Structured with 3'-3 1/2" high safety railings on both sides and a vertical sliding gate. Applicable up to two stops.

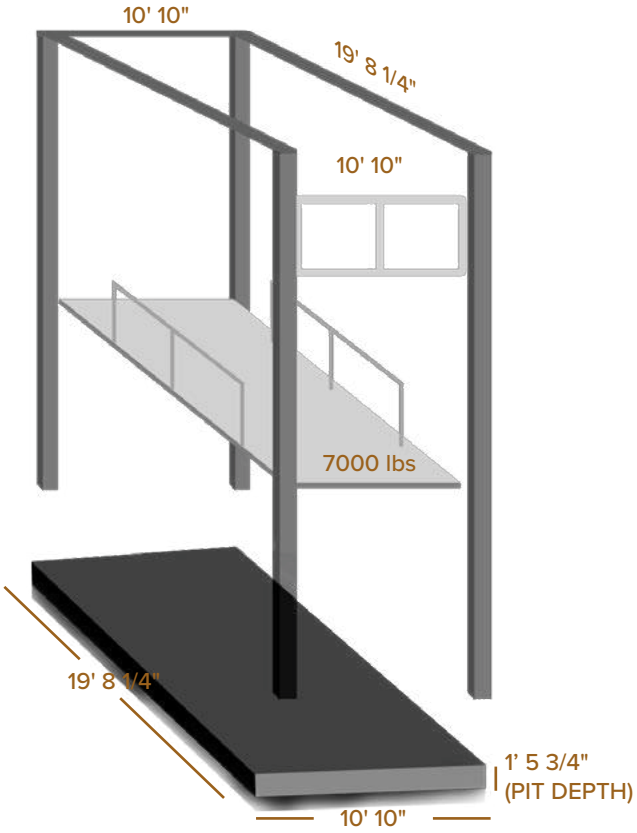
DIMENSIONS AND CAPACITY



	DESCRIPTION	MEASURE
A	Between Columns (Outside)	10' 10"
B	Overall Length	19' 8 1/4"
C	Platform Length	19' 3/8"
D	Between Columns (Inside)	8' 6 3/8"

	DESCRIPTION	MEASURE
E	Gate (Width)	9' 1/4"
F	Gate (Height)	3' 3 3/8"

INSTALLATION REQUIREMENTS

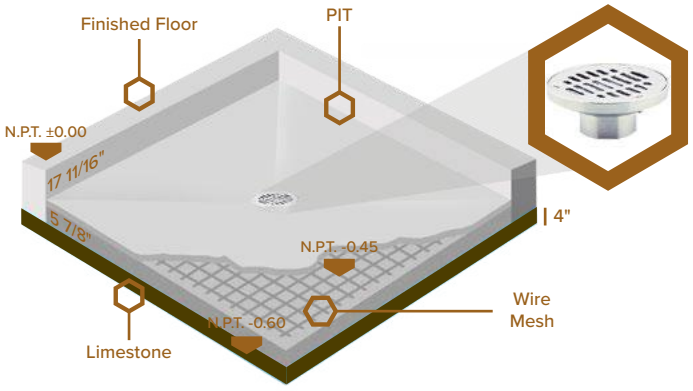


Free Area 19' 8 1/4" Long by 10' 10" Wide

Required Pit Depth is 1' 5 3/4"

Required Voltage of 220 Volts AC

Concrete shall be minimum 4000 psi and reinforced with wire mesh 4" below surface for best anchorage of the equipment throughout the installation area. In the event of possible water accumulation, the installation of a drainpipe outlet is recommended. This pipeline can be connected to the drainage network or green areas according to the client's decision.



CUSTOM PLATFORM SIZES AVAILABLE

90° Wide Angle Maneuverability

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

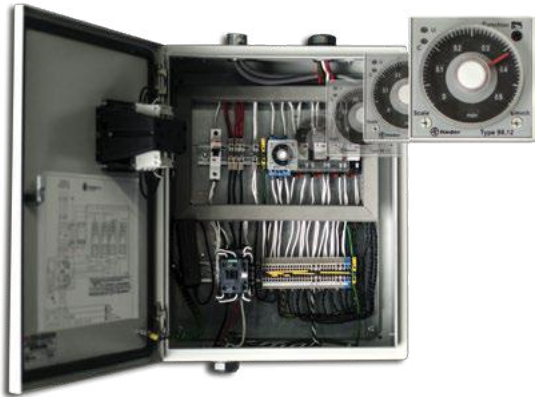
Note: These measurements are estimated, with a degree of reliability of 84% due to new models and accessories in the market.

COMPONENTS

Features of the Hydraulic Unit

Power Unit	10 HP
	10 HP
Oil Flow	7.2 Gal/min
Max. Pressure	2,500 PSI
Deposit	90 l
3 Phase Voltage	220 VAC
	440 VAC
	60 Hz
Solenoid Valve	110 VAC

- ELECTROHYDRAULIC OPERATION
- EASY HANDLING AND INSTALLATION
- 1 YEAR WARRANTY ON OPERATION (PUMP INCLUDED)



Master Control Box: Responsible for operating each of the elevator components. Has break and motor protection that protect the equipment from electrical overloads.

Timer: Keeps elevator cabin lights on when sensors detect presence.

PLC: MICROLOGIX 4 BY ALLEN BRADLEY

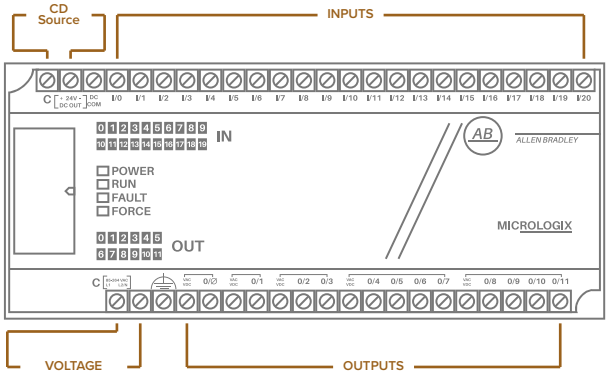
Low maintenance and **easy to program.**

It's the **computer that processes each of the stops and operations of the elevator.**

It also scans for any malfunction of sensors, control panels, keypads, and security elements just by connecting to a PC.

PLC TECHNICAL DATA

Voltage	85-265 VAC
Power Supply	24 DC
	20 Inputs
	12 Outputs



* Product applicable up to four stops

COMPONENTS

A Sensor
B Traffic Light
C Pulleys
D Limit Switches
E Illumination
F Hoisting Cables
G Sliding Gates
H Call Button
I Operation Keypad

COMPONENTS

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

Call Button: Located at each elevator stop.

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

IP 66

MADE IN ITALY

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.

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

4 Certified Steel Cables: Support More Than 44000 Lbs.

Limit Switches: Stop the elevator when it reaches the requested level.

Nylamid Pulleys: With high strength bearings.

Fusible Valves up to 7.5 GPM: Regulate the oil that circulates through the pistons. If it detects irregular flow, it immediately blocks the operation of the elevator.

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