

## DESCRIPTION OF EQUIPMENT – V10

### Lift Unit

The lift unit is a steel frame based system driven by a gear reduced high torque motor.

#### OPERATING FEATURES:

- Lifting capacity: 450 kg (1000 lb).
- Average weight: 22 kg (48 lb) batteries included.
- Electronic soft-start and soft-stop motor control.
- Emergency lowering device.
- Emergency stop device.
- Current limiter for circuit protection in case of overload.
- Safety device that stops the motor to lift when batteries are too low.
- Safety device that stops the motor to lift when abusing use of the lift causes internal overheating.
- Lifting speed: 3 cm/s (1.2 in/s.) at 450 kg (1000 lb), 4 cm/sec. (1.6 in/s.) at 230 kg (500 lb) and 6 cm/s (2.3 in/s) at 0 kg (0 lb).
- Horizontal displacement speeds: 10, 14, 16 and 20 cm/s. Speed by default 16 cm/s. (6,3 in/s.).
- Horizontal axis motors: 24 VDC, 62 watts and 2 vertical axis motors: 24VDC, 110 w.
- Emergency brake (in case of mechanical failure). Operates on the same principle as a car safety belt mechanism
- Strap length up to 2.3 m (90 in.) tested for 1820 kg (4000 lb.).
- CSA No 601.1, UL No 2601-1 and CE certifications.
- Applicable EMI standards
- ISO 10535.

### What's included

ITEM	QTY
V10 lift	1
Batteries (inside unit)	2
Clip on charging station	1
Hand control	1
4-hook spreader bar	1
Power cord	1
8-mm Allen key	1
User Manual	1

### Dimensions

(in millimeters)

