

DESCRIPTION OF EQUIPMENT – V4i

Lift Unit

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

OPERATING FEATURES:

- Lifting capacity: 272 kg (600 lb).
- Average weight: 12.7 kg (28 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 abusive use of the lift causes internal overheating.
- Lifting speed: 6 cm/s (2.3 in/s.), 3.5 cm/sec. (1.6 in/s.) at 440 lb and 2.7 cm/s (1.2 in/s.) at 600 lb.
- Horizontal displacement speeds: 10, 15, 20 and 25 cm/s. Speed by default 20 cm/s. (6 in/s.).
- Horizontal axis motor: 24 VDC at 62 watts and vertical axis motor at 24 VDC, 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 910 kg (2000 lb.).
- CSA No 601.1, UL No 2601-1 and CE certifications.
- Applicable EMI standards
- ISO 10535.

What's included

ITEM	QTY
V4i lift	1
Batteries (inside unit)	2
Clip on charging station	1
Hand control	1
Spreader bar	1
Power cord	1
8-mm Allen key	1
User Manual	1

Dimensions

(in millimeters)

