

# SkateWork Australia



... *Simplicity. The Way.*

## **Kit Cisterna - Tank kit**

## General specifications of vehicle

This kit consists of a total drainage tank of approximately 100 liters in capacity, a 24V electric pump powered by standard battery supply, a hose winder with 15 meters of 3/8" hose, and a dispenser wand.

The dispenser system recirculates the liquid contained in the tank continuously to ensure that the product delivered is mixed perfectly. Ideal for dispensing plant treatment products in industrial greenhouses, nurseries and garden centers, for park maintenance and for dispensing pest control products in large company areas. The ideal substitute for petrol-engine backpack units, this solution offers obvious advantages in terms of both capacity and speed, and is perfectly suited to both spraying and pest control applications in industrial areas, camp sites, holiday complexes, industrial greenhouses, nurseries etc. It also offers a valid alternative to the bulky, heavy and poorly suited tractors that park maintenance operators have had to use until now.

At just 79 cm in width, the vehicle can easily pass through any gate.



## Caratteristiche tecniche del veicolo

**TELAIO:** In acciaio tubolare a culla con pedana antisdrucchiolo e pianale portapacchi portante accessoriabile.

**MOTORE:** AC1200W-24V con sensori di movimento ed inverter

**ACCELERATORE:** A manopola a controllo elettronico.

**MARCIA:** Avanti, folle e retromarcia con riduzione elettronica della velocità ed avvisatore acustico ad inserimento automatico.

**CONTROLLO ELETTRONICO:** Scheda elettronica AC-0 SSL Sensored 150 A – 2'

**TRAZIONE:** Posteriore sulle due ruote.

**TRASMISSIONE:** A semiassi flottanti con ruote flangiate e differenziale meccanico sul ponte posteriore.

**FRENATURA:** Sulla ruota anteriore (comando a leva sul manubrio) a tamburo, posteriore a recupero d'energia in decelerazione e di stazionamento a freno magnetico sul motore.

**ALIMENTAZIONE:** 2 X 12 Volt batterie Pb-Zn 120 Ah da trazione ricaricabili od altre batterie per usi specifici del veicolo.

**AUTONOMIA:** C.a 4/5 ore di marcia in continuo in piano senza traino (con batterie 120Ah a Pb-Acido), batteria supplementare AGM 55 W-12V per alimentazione pompa

**VELOCITA':** Km/h 11 max (Seconda e terza velocità opzionabili e programmabili sulla scheda elettronica (CON INVERSIONE DI CABLAGGIO A CURA DEL COSTRUTTORE)

**PENDENZA SUPERABILE DI SICUREZZA:** 16% in verticale, 3% in obliquo in funzione del peso a bordo o trainato e dello stato di carica delle batterie.

**MASSA TOTALE:** Kg 350 a pieno carico escluso conducente.

**PESO IN ORDINE DI MARCIA SENZA ACCESSORI:** C.a 180 Kg. (incluse le batterie standard, escluso conducente ed accessori).

**CAPACITA' DI TRAINO:** Kg 700 con elettro-freno di serie (1000 Kg con elettrofreno maggiorato optional) con carrelli omologati Skatework.

**DIMENSIONI SENZA ACCESSORI:** Lungh. mm.1.650, largh. mm.760, alt. da terra dal manubrio mm. 1.265

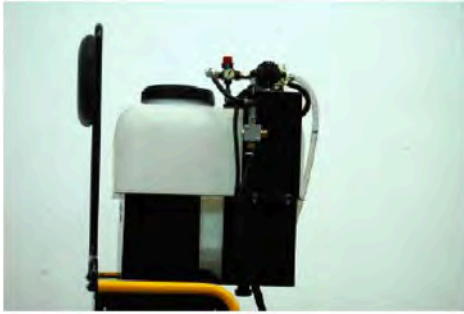
**DISPOSITIVI DI SICUREZZA:** Pedale "uomo a bordo" posto sulla pedana antisdrucchiolo, Fungo rosso per blocco d'emergenza sul cruscotto, serratura speciale per chiusura portello vano batterie, predisposizione montaggio lampeggiatore di movimento, disinnesto rapido batterie, pulsante sblocco freno elettromagnetico per manovre a spinta.

**STRUMENTAZIONE:** Blocco chiave accensione, Pulsante sblocco freno elettromagnetico per manovre a spinta (nero, sotto alla linea del cruscotto), indicatore stato d'uso delle batterie, invertitore di marcia, interruttore a fungo (rosso sul cruscotto) per blocco d'emergenza, avvisatore acustico, interruttore avvio pompa, indicatore stato carica batteria ausiliaria.

## **Technical specifications of vehicle**

- **CHASSIS:** tubular steel cradle frame with anti-slip footrest platform and load carrier surface that can be accessorized;
- **ENGINE:** AC 1,200W - 24V with movement sensors and inverter;
- **ACCELERATOR:** by handgrip with electronic control;
- **SPEEDS:** forward, neutral, reverse, with electronic speed reduction, and automatic warning beeper in reverse;
- **ELECTRONIC CONTROL:** AC-0SSL sensored 150 A-2' electronic board;
- **DRIVE:** rear wheel drive;
- **TRANSMISSION:** floating axle shafts with flanged wheels and mechanical differential;
- **BRAKES:** drum type on front wheel (operated from lever on handlebar); rear wheels with energy recovery during deceleration and electromagnetic brake for parking;
- **STANDARD POWER SUPPLY:** 2 x 12 Volt Pb-Zn 120 Ah rechargeable traction batteries, other batteries for special purposes;.
- **OPERATING TIME:** : approx. 4/5 hours continuous usage on level service and with no trailer (with standard batteries);
- **SPEED:** 11 km/h max (second and third speed to be programmed on the electronic board) **THE WIRING REVERSE RESPONSIBILITY OF THE MANUFACTURER;**
- **MAX. OPERATIONAL GRADIENT:** 16% vertical, 3% oblique (depending on load/trailer and battery charge);
- **TOTAL MASS:** 350 kg fully loaded, operator excluded;
- **VEHICLE WEIGHT WITHOUT ACCESSORIES:** approx. 180 kg (including batteries, excluding operator and accessories);
- **TOWING CAPACITY:** 700 kg with standard electromagnetic brake (1,000 kg with optional increased electromagnetic brake) with SkateWork homologated trolleys;
- **DIMENSIONS:** length 1650 mm., width 750 mm., height of handle bar 1265 mm.;
- **SAFETY DEVICE:** "Man on board" pedal on anti-slip footrest platform, red emergency Stop button on dashboard, special lock for battery compartment hatch, provision for installing manoeuvre warning flasher, battery quick release, electromagnetic brake release button to allow manual pushing. Drive controls disabled during battery charging.
- **INSTRUMENTS** ignition key lock, electromagnetic brake release button to allow manual pushing (black, under the dashboard), battery charge level indicator, reverse selector, emergency stop button (red button on dashboard), sound alarm, starts-switch pump, battery charge level indicator for auxiliary battery.





## **Available accessories**

- *Pierce resistant polymer foam filling kit for wheels*
- *Gel-AGM or tubular plate batteries for longer work period*
- *Tow hook kit for trailers*
- *Backrest kit with flashing beacon pole*
- *glove box (standard)*

## **Fields of applications**

- *Industries*
- *Nurseries*
- *Camp sites and Holiday Complexes*
- *Garden centers and greenhouses*
- *Agritourism – farm holiday*