



Technical Specifications:

Neocot System:

Size: 770mm high x 535mm wide x 1700mm long

Weight: 85-130kg (Options Dependant)

Power: Internal Batteries – 40Ah

External AC – 115V to 250V

External DC – 10V to 30V



Cosypod System:

Size: External – 470mm High x 500mm Deep x 1570mm long

Internal – 250mm High x 400mm Deep x 690mm long

Weight: 45kg Single (with Medical Equipment)

65kg Double (with Medical Equipment)

Mansell Power Lifter:

Size: Standard Loading – 1950mm long x 565mm wide x 270-1030mm high (Electronically variable)

Transverse Loading – 1715mm long x 565mm wide x 270-1030mm high (Electronically variable)

Weight: 60kg

Lifting Capacity: 150kg SWL

Internal Batteries: 12V, 8Ah rechargeable sealed lead-acid

External AC Power: 110-250V, 50/60Hz, 1.2A

Neodeck:

Size: 1700mm long x 414mm wide

Weight: 13kg



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Our Mission

Wenross Holdings Pty Ltd is committed to continue designing, developing and manufacturing the best possible devices for assisting medical professionals retrieve and transport critically-ill infants under intensive-care conditions using all available transport modalities.

The company manufactures the *Mansell Infant Retrieval System* which is unique through use of the state-of-the-art mechanical and electrical technology. The company has a staff of specialised personnel whose aim is to produce an infant retrieval system to exactly match the requirements of the Doctors, Nurses, Ambulance Officers, Paramedics and Retrieval personnel who are tasked to transport critically-ill infants from a trauma point to a major hospital by road ambulances, helicopters or fixed wing aircraft.

The company also maintains a vibrant research and development programme to continuously monitor its system operation in the clinical environment and to upgrade and introduce new technological developments required by its users.



Wenross Holdings Pty Ltd

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www.neocot.com



- ▶ Unparalleled visibility and access to the infant
- ▶ Integrated phototherapy
- ▶ Patented electric lifter power trolley system
- ▶ Loads to most aircraft & ambulances (With 'zerolifting' by operator)
- ▶ Accommodates twins
- ▶ Easy to access and clean
- ▶ High Frequency Oscillation Ventilator option
- ▶ Dual battery system – 120 minutes 'walk time'
- ▶ Power Supply/Charger (Operates from Hospital/Ambulance/Aircraft Power)
- ▶ 1260 Litres of Oxygen – Two cylinders
- ▶ Medical air cylinders
- ▶ Nitric Oxide option – Easily fitted
- ▶ Incorporates monitoring & resuscitation equipment
- ▶ Electric Suction Unit – Laerdal LCSU-4
- ▶ Customisable equipment to suit individual requirements
- ▶ Complies with Ambulance Restraint Standards



Cosypod



- ▶ Lightweight back transfer system to free up vital beds
- ▶ Single and double capsule variants
- ▶ Accommodates twins in each capsule
- ▶ Fitted with electrically heated blanket
- ▶ Fitted with Power Supply/Controller
- ▶ 120 Minutes of Walk Time from internal battery system
- ▶ Easy to access and clean
- ▶ Patented electric power lifter trolley system
- ▶ Complies with Ambulance Restraint Standards
- ▶ "LifePort" Feet to lock to suitable Mounting Systems such as the Mansell Power Lifter or Neodeck
- ▶ 630 Litres of Oxygen – One 'CD' Cylinder (per Capsule)
- ▶ Electric Suction Unit – Laerdal LCSU-4
- ▶ Two Syringe Pumps – B.Braun Perfusor Space (per Capsule)
- ▶ Vital Signs Monitor – Masimo SET Rad-5 (per Capsule)



MANSELL POWER LIFTER



- ▶ Uses existing locks in most ambulance vehicles
- ▶ Push button to raise/lower either end of the device
- ▶ "Zero Lift" system minimizes back injuries
- ▶ Infinitely height adjustable
- ▶ From 270mm (fully lowered) to 1m (fully raised)
- ▶ Castor wheels allow manoeuvrability at any height
- ▶ Accepts and locks the 'LifePort' foot assembly
- ▶ Large solid rubber wheels for transport stability
- ▶ Flexible aluminium construction for patient comfort
- ▶ Electric actuators to achieve a unique lifting action
- ▶ Two rechargeable sealed lead acid batteries
- ▶ Auto charging with charge indicator when on AC power
- ▶ Automatic, load sensing, two speed lift controllers
- ▶ On/Off switch (auto powersave after 10 mins idle time)
- ▶ Complies with Ambulance Restraint Standards

Neodeck



Stryker Pro-XT

- ▶ Developed for Stryker or Ferno stretchers
- ▶ Interfaces Neocot™ and Cosypod systems
- ▶ Provides a 'LifePort' mounting system
- ▶ Folding & Non Folding options available
- ▶ 'Lightweight, high strength construction
- ▶ Complies with Ambulance Restraint Standards



Transferring from the Mansell Power Lifter in a hospital to the Stryker Power Pro XT Stretcher for ambulance transport using the Neodeck



The Neocot System in Use:



The Neocot comprises a 'state of the art' temperature controlled capsule, together with all medical equipment required for an intensive care retrieval and is the preferred Infant Retrieval System in Australia.

The Neocot is transported with the Royal Flying Doctor Service, LifeFlight, CareFlight and Ambulance services in all states of Australia.



The Neocot can be easily loaded into both fixed and rotary wing aircraft.