

# Horticultural Scissor Lift

The Pandect Horticultural Scissor lift has been developed in New Zealand for the New Zealand Greenhouse Industry as a durable, easy to operate and economic solution.

The vehicle is driven horizontally by a battery operated electrical motor with internal worm drive, whilst the vertical deck movement is achieved through a hydraulic ram.

## SPECIFICATIONS



MODELS		HSL 420	HSL 550
Track Gauge	Centre	420mm	550mm
Chassis	Length	1610mm	1610mm
	Width	570mm	710mm
Deck	Length	1500mm	1500mm
	Width	480mm	480mm
Deck Heights (off rails)	Down	580mm	580mm
	Rises to	1690mm	1690mm
Handrail	Height	900mm	900mm
	Side Length	800mm	800mm
	Front	460mm	460mm
Travel Time	Deck Up	13 seconds	
	Deck Down	15 seconds	
Vehicle Weight	210Kg		
Load Capacity	Lift weight maximum 150kg		
Steel wheels	These models run on 40mm nominal bore pipe at either 420mm or 550mm centres		
Electrical	24V system powered by two 12V - 74Ah fully sealed batteries and a separate 8A battery charger		

## Warranty

12 month warranty on the vehicle to cover any breakdown or failure that may occur due to normal use.

## Options

- Other track gauge sizes can be produced
- Corporate paint colour options for distributors

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## Style and Durability

- Galvanised steel chassis
- Body and deck frame powder coated
- No metal to metal rubbing surfaces
- All metal components zinc plated
- Aluminium tread plate deck runs on nylon wheels

## Safety and Maintenance

- 70 AMP DC speed controller with fully programmable functions provides flexibility
- Automatic diagnostic unit enables users to easily identify any faults
- All bearings are maintenance free nylon bushed
- Built in protection valve ensures the deck cannot free-fall in the event of a burst hose / hydraulic leak

## Operating Advantages

*Time saving and easy to operate*

- Maximum operational efficiency and flexibility is provided with:
  - powered continuous travel
  - stop/start travel
  - variable heights
- Hands free footswitch operation
- Controlled acceleration and deceleration ensuring a smooth ride
- The lateral travel wheels enable the vehicle to be easily moved to another track
- The drive motor has an integral worm drive gear box and a fail safe brake system
- The manual release clutch allows the unit to be 'free wheeled'
- The hydraulic ram provides excellent travel speeds to the required height

