



# AQUATIC TECHNOLOGIES

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## ILH-100AU Aquatic Weed Harvester

### The Compact Harvester that really packs a punch

The **ILH-100AU** aquatic harvester is a compact harvester that really packs a punch when it comes to aquatic vegetation harvesting power.

The **ILH-100AU** aquatic harvester has been specifically designed for Australian users. This Australian specific model is delivered with a power cutting head, individual watertight poly foam filled hull compartments, fingertip hydraulic controls and its compact size and weight means it can be legally towed on Australian roads using a ute or 4WD.

The **ILH-100AU** is compact in size at 7.31m in length and 2.28m width, that delivers amazing (best in its class) manoeuvrability, which can operate in shallow water with a draft of only 15.2cm, offering excellent access in tight and shallow water areas.

For its size the **ILH-100AU** offers a fantastic holding capacity of 2.8 cubic meters of aquatic vegetation, which is normally only matched by much larger harvesters.

It's equipped with an air cooled engine as well as high temperature low oil shut down for safety and is propelled by side mounted paddle wheels coupled to direct drive hydraulic motors. The low speed, high torque drive motors are wear compensated to increase motor life and obtain maximum output at lower revs, which deliver power and economy.

The **ILH-100AU** is equipped with a power cutting harvester head, comprising of a set of two vertical and two horizontal reciprocating zinc plated cutting knives, offering a cutting width of 1.52m, at a depth of 1.22m, which is unsurpassed by any other harvester of this size.

The 100AU trailer conveyor is able to both transport the **ILH-100AU** harvester to site, launch and retrieve the harvester, as well as collect and transport the harvested aquatic vegetation, as the **ILH-100AU** harvester can deposit harvested material directly from the harvester to the trailer conveyor for disposal.

The **ILH-100AU** together with the 100AU trailer conveyor offers a powerful combination, that can be transported by a standard ute or 4WD, launched, retrieved and operated by a single user.

The attention to detail and superior craftsmanship of the Inland Lake Harvester range has been refined to produce the strongest built, longest lasting aquatic harvesters on the market.



The Industry's Longest Lasting, Heavy-Duty Aquatic Harvesters >





For more information, and pricing, contact Aquatic Technologies - the exclusive Australian distributor.

## Specifications

### Dimensions

Length Overall	7.31 m
Shipping Width	2.43 m
Shipping Height	2.74 m
Weight	1587 kg
Shipping Height of Harvester on 100AU Trailer	3.65 m

### Flotation

Barge Length	4.87 m
Barge Width	2.43 m
Barge Height	406 mm
Watertight Compartments: w/ poly floats	4
Harvester Draft, empty	152 mm

### Hull

Construction: OPTIONS: individual poly foam filled float, mild steel sandblasted and painted and 304 stainless steel

### Power System & Control Bridge

Engine	Fuel/Gas Honda V20 hp
Hydraulic Pumps	Qty. 2
Hydraulic Reservoir	56.78 L
Fuel Tank	22.7 L
Hydraulic Controls	"Fingertip" manual levers
Power System Controls	key switch, hour meter

### Harvesting Head

Cutting Width	1.52 m
Cutting Depth	1.22 m
Horizontal Knives	Reciprocating 7.6cm stroke 7.6cm wide, zinc plated
Vertical Knives	Same as above, both sides
Belting	SD galvanised steel
Fastenings	Adjustable belt tensioners, stainless steel

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## Specifications

### Storage

Maximum Volume	2.83 cu. m
Maximum Capacity	697 kg
Unloading Time	75-120 seconds
Belting	SD Galvanised
Fastenings	Adjustable belt tensioners, stainless steel

### Propulsion

Dual Paddle Wheels	Easily removable, hydraulically driven, Independently reversible
Paddle Wheel Speed	Variable RPM

### Anti-Corrosion System

High Impact, Epoxy with urethane top coat over a sandblasted sub-strate	
Protection Colour	High Visibility Aqua-Green or Aqua-blue

