

# LEDA



SERIES

## H-SERIES MKIV Tractor Tow Grape Harvester



**By combining years of experience and Australian ingenuity, LEDA have produced Australia's only locally built Tractor Tow Grape Harvester.**



**Australian made parts and components | Locally owned and operated | Exceptional customer service**



# H-SERIES MKIV Tractor Tow Grape Harvester

The Leda H-Series Tow incorporates the latest in CANbus technologies allowing greater flexibility for custom programming. The 6.5" full colour TFT screen shows everything the harvester is doing at a glance.

The field-proven tractor cabin joystick, has super high reliability that allows comfortable and complete control of the machine. While using the joystick, the driver will soon discover total control, as if they are driving a self propelled harvester.

With a 3-point linkage mounted variable piston pump, large oil cooler and low level shut down systems, the Leda Tow Harvester has a very reliable, easy to operate hydraulic system.

Picking is a dream with the Next Generation MKIII picking head. With simple adjustments, the head can be adapted to suit almost any trellis. The machine has full perimeter handrails and easy access ladders. It is extremely safe and very comfortable to access the top deck for wash down and maintenance.



Each harvester is designed and built to the customers individual requirements. With an in-house 3D drafting department, Leda can demonstrate the custom design before it is manufactured.



# Specifications – Tractor Tow

## STRUCTURAL MEASUREMENTS

|  |        |
|--|--------|
| Total length   | 5690mm |
| Width over machine   | 3470mm |
| Width over wheels  | 3015mm |
| Height (in lowered position)                                   | 3770mm |
| Wheel track  | 2577mm |
| Wheel height adjustment  | 700mm  |
| Weight   | 6050kg |
| Wet weight, including hydraulic oil, rods, and all accessories | 7100kg |

## WHEELS

|                    |                  |
|--------------------|------------------|
| Tyres              | 16.9 x 28/12 ply |
| Rims               | Leda Special     |
| Maximum Road Speed | 20km/h           |

## HYDRAULIC POWER SYSTEMS

|                                    |   |
|------------------------------------|---|
| P.T.O Power required               | 80hp/60kw   |
| Main pump (33 point linkage mount) | Variable piston pump  |
| Triple internal gear pump          | High efficiency 100cc<br>Picking heads(50L/min)<br>Conveyors (30L/min)<br>Auxiliary Functions (20L/min) |
| Oil Tank capacity                  | 120L  |

## TOW HITCH

|          |                                    |
|----------|------------------------------------|
| Steering | Proportional control from joystick |
| Up/Down  | Digital control from joystick      |

## PICKING SYSTEM

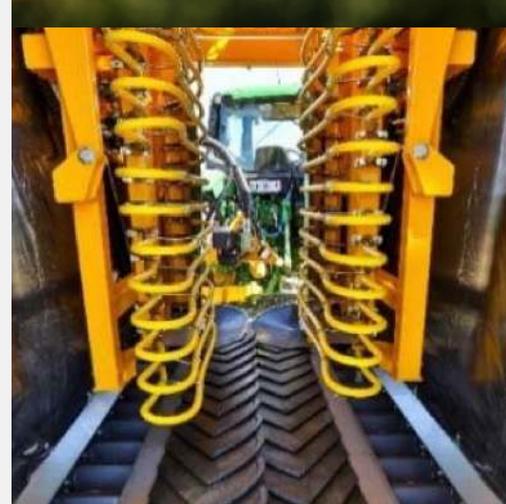
|                               |                      |
|-------------------------------|----------------------|
| Harvesting head               | Next generation MK11 |
| Floating mount suspension     | Rubber Dampening     |
| Rod Type                      | New Generation       |
| Number of Rods                | 26                   |
| Side frame adjustment         | 2.5°per side         |
| Symmetrical width adjustments | 250mm                |

## COLLECTION SYSTEM

|                       |                                   |
|-----------------------|-----------------------------------|
| Type                  | Wing closure system               |
| Wing type             | Injection moulded poly--carbonate |
| Wing pivot type       | Flexible rubber bush              |
| Wing adjustment angle | 8°                                |

## CLEANING SYSTEM

|                                  |     |
|----------------------------------|-----|
| Number of fans                   | 2   |
| Cane cutters fitted              | Yes |
| Cleaning ports fitted            | Yes |
| Gas struts fitted to assist lift | Yes |



**Leda manufacturer  
all their machinery  
from their brand new  
state-of-the-art factory  
in Mildura, Victoria.**

**666 Benetook Ave  
Mildura VIC 3500**

**03 5022 4828**

**[www.leda.net.au](http://www.leda.net.au)**

# Specifications – Tractor Tow

## CONVEYING SYSTEM

|                                      |  |
|--------------------------------------|--|
| Bucket width                         | 12"                                    |
| Bucket capacity (juice proof)        | 33L                                    |
| Bucket chain size                    | Large 2082HP                           |
| Electric bucket chain oiler          | Yes                                    |
| Buckets reversible (jam relief only) | Yes                                    |
| Cross conveyor type                  | Split                                  |
| Cross conveyor belt                  | 500m(20") Flat PVC with cleats         |
| Discharge conveyor size              | 380mm(15") wide,<br>4 m (13.2 ft) long |
| Discharge conveyor belt              | Flat PVE with cleats                   |
| Magnet on discharge                  | Yes                                    |

## ELECTRONICS

|                            |                               |
|----------------------------|-------------------------------|
| Operating voltage          | 12Vdc + 2.5V                  |
| Display screen             | 6.5" TFT VGA colour control   |
| Joystick                   | Penny & Giles custom built    |
| Controllers                | Bosch mobile hydraulics       |
| Rear controls with display | Yes                           |
| Top deck wash dow controls | Yes                           |
| Level indicator            | Yes – Left/Right & Front/Back |
| Lighting                   | LED, fluorescent & halogen    |
| Road regulation lights     | Yes                           |

## ALARMS

|                         |                                |
|-------------------------|--------------------------------|
| Low hydraulic oil level | Yes-Visual, acoustic, shutdown |
| Function jam/failure    | Yes-Visual, acoustic           |
| Joystick jam/failure    | Yes-Visual, acoustic           |
| Conveyors               |                                |
| Cross                   | Yes-Visual, acoustic           |
| Discharge               | Yes-Visual, acoustic           |
| Buckets                 | Yes-Visual, acoustic           |

## SAFETY FEATURES

|                                 |     |
|---------------------------------|-----|
| Full perimeter handrails        | Yes |
| Number of emergency stop button | 4   |
| Rotating beacon                 | Yes |

## OPTIONAL FEATURES

|   |  |
|---|--|
| Wheel assist  |  |
| Flotation tyres                                     |  |
| Camera system                                       |  |
| Custom designed features from end user requirements |  |



**Quality products are of the highest priority at Leda**

Quality Assurance checks are performed at every stage of production, on every section of the harvester. From the fabrication to the assembly, and electrical to hydraulics, everything is checked. Once complete, every P16 undergoes thorough operation testing and adjustment. Leda takes pride in providing to the customer a quality-guaranteed product.

**24 Hour Emergency Service**

**Spare parts: 03 5022 4828**

**Service emergencies: 0439 344 024**

**Leda also has retail outlet, supplying genuine and after-market parts for your harvester and all other types of agricultural machinery.**