

Valley® Universal Linear

RELIABLE | DURABLE | PRECISE | ADVANCED | RESPONSIVE



VALLEY 

The Leader in Precision Irrigation.

Valley Universal Linear



The Valley® Universal Linear is engineered for unique field shapes and sizes that require a combination of linear and pivot modes to maximize crop production. The Valley Universal Linear is the only swing-around linear with the ability to automatically switch between linear mode and pivot mode, allowing you to increase your irrigated hectares.

The Universal Linear is unique in its ability to operate in four modes:

- Autopilot mode
- Standard linear mode
- Pivot mode
- Towable pivot mode

The Valley Universal Linear allows you to irrigate:

- small and large fields
- multiple fields with the same machine
- many different crops including fiber, forage, or vegetable crops

With this versatile machine you can see labor savings up to 70%, energy savings, water conservation, and precise water and chemical applications. The Valley Universal Linear with the AutoPilot Linear control panel can automatically transition from linear to pivot mode without user intervention.

Water Delivery

The Valley Universal Linear can operate using various water delivery options such as hose or ditch feed.

The hose feed option supplies water through a flexible hose connected to the linear cart and:

- is best suited for fields of 2 hectares or larger
- has multiple hose options: poly-hose for an easy-to-pull option or soft hose that can roll up for convenient storage
- can be operated by an engine generator or a cord drag that connects to an external power source
- offers two guidance options – below ground or furrow

The ditch feed option draws water from various water sources such as a ditch or canal and:

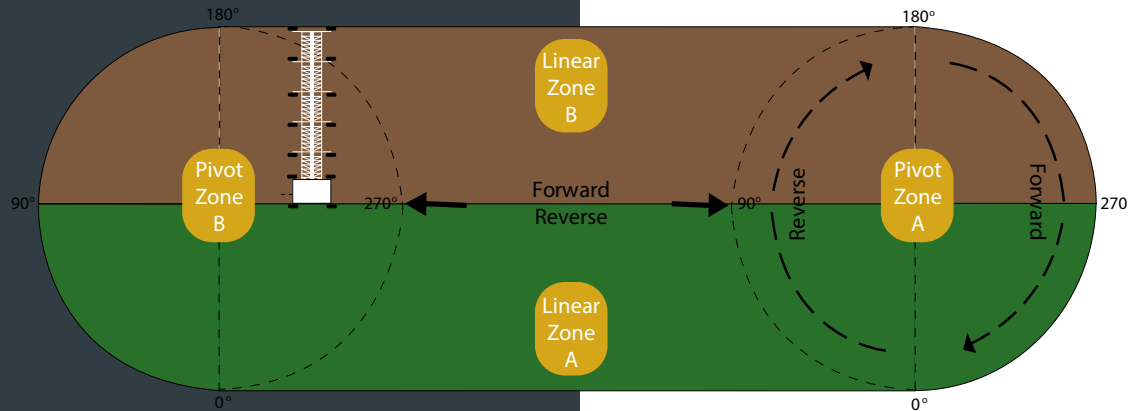
- fits a variety of field sizes
- is powered by an on-board diesel engine generator or a cord drag that connects to an external power source
- has two water delivery options – side feed or straddle ditch feed
- offers two guidance options – below ground or above ground

Control Panels

The Universal linear has two control panel options – the ClassicPlus or Pro2 Autopilot.

The ClassicPlus control panel offers:

- manual control
- mechanical auto reverse
- mechanical pressure switch that monitors for low pressure
- optional mechanical switches to set pivot direction
- percent timer to control water application



The Pro2 Autopilot control panel:

- shows water depth in inches or millimeters
- programs machine speed and water application depth
- positions the machine in degrees for pivot modes and meters for linear modes
- has percent timers with multiple timer settings
- controls water pressure, delays and run time
- controls two end guns
- can switch between two pivot modes and two linear modes on command

Universal Linear Options

Sprinkler Packages

The Valley Universal Linear has various linear and pivot sprinkler modes to ensure your field receives uniform water application. Each mode ensures water use efficiency that reduces operation costs. With the support of your Valley dealer, you can find the sprinkler package that is best for your field.

You can choose one sprinkler packages for each mode of operation:

Sprinkler packages must include:

- Hydraulic control valves on each sprinkler
- Solenoids to control both the pivot and linear sprinkler packages

Sprinkler packages are available from:

- Valley
- Senninger
- Nelson



USA Made Valley Gearbox

The Valley Universal Linear comes standard with the USA made Valley gearboxes.

The Universal Linear has other options such as:

- tire floatation choices to ensure your pivot or linear moves smoothly through various field conditions
- CableGuard™ to prevent cable theft
- GSM alarm to alert you when a cable theft may be taking place

