



Irrigation Systems for Global Agriculture



# ACREMASTER MICRO LINEARS

*Square the Corners  
with the AcreMaster*

PERFECT FOR SQUARE,  
RECTANGULAR, OR  
IRREGULAR PARCELS



MICRO SYSTEMS



### MICRO LINEARS



***A precision guidance system navigates the AcreMaster Linear laterally through your field from a small alignment furrow, irrigating almost 100% of any rectangular parcel.***

*Since developing our original linear in 1978, Pierce has learned the importance of being able to merge innovation with practicality.*

*In a class of its own, the AcreMaster can be configured as a linear, or a universal swing around linear, and features many of the same, versatile options as our larger systems.*

*Owners of the AcreMaster MicroLinear recognize its value and benefits from the minute it arrives. Its low power consumption, efficient use of water, and standardized components make it inexpensive to operate and easy to assemble.*



## You've Earned It Engineering

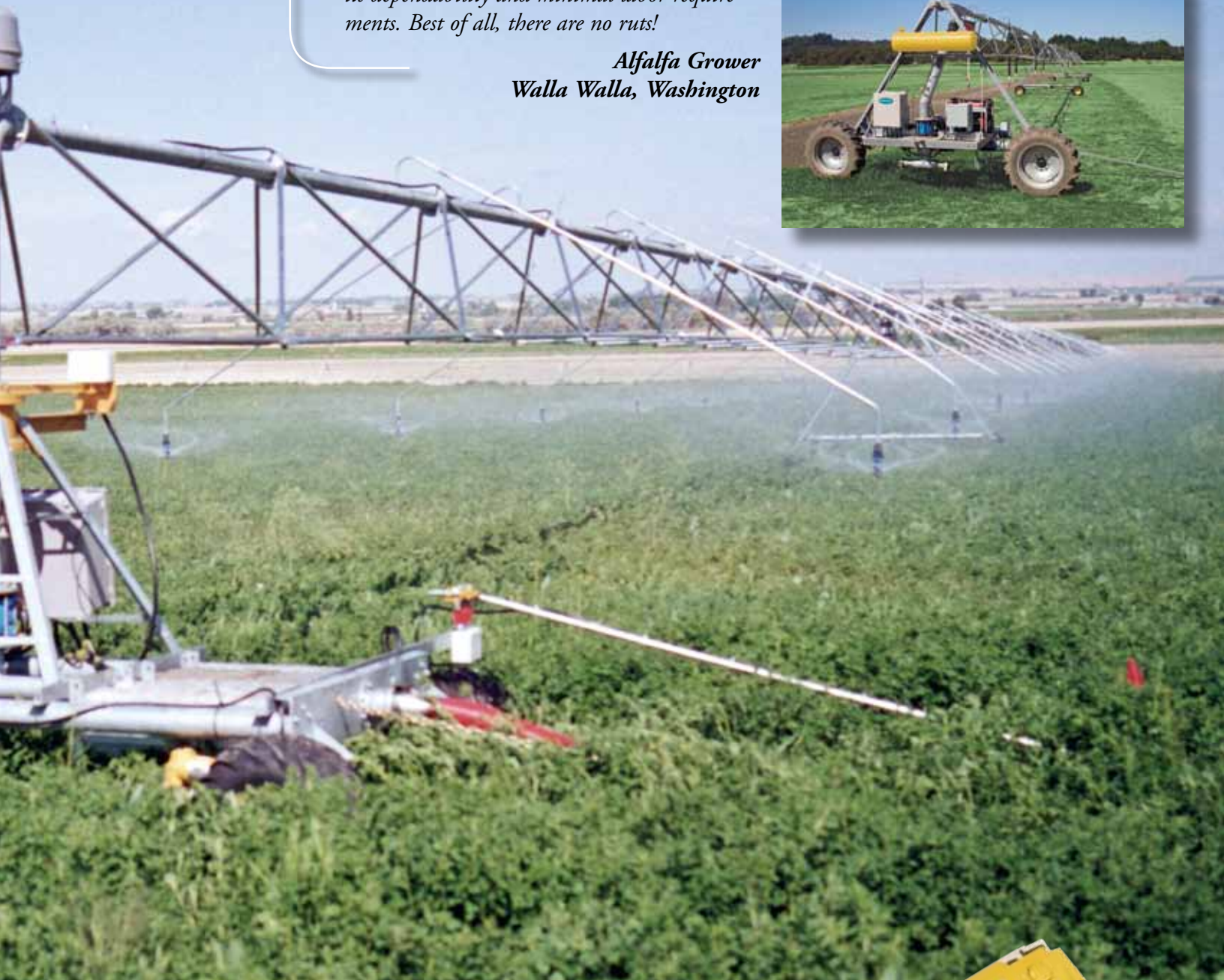
***The AcreMaster MicroLinear is an extension of your commitment to cultivate and harvest using only the best. Pierce—providing the choices you've come to expect.***



# Systems for Small and Medium Sized Parcels

*The AcreMaster Linear has developed into a serious irrigation machine. I am dazzled by its dependability and minimal labor requirements. Best of all, there are no ruts!*

**Alfalfa Grower  
Walla Walla, Washington**



## g Straight Talk

### **WARREN TRUSS**

All galvanized, 4" pipe Warren Truss construction. Ideally suited for linear applications.

### **GENERATOR**

Why install a linear requiring an expensive gen-set, when the AcreMaster offers a 2,700 watt diesel alternative at a fraction of the cost?

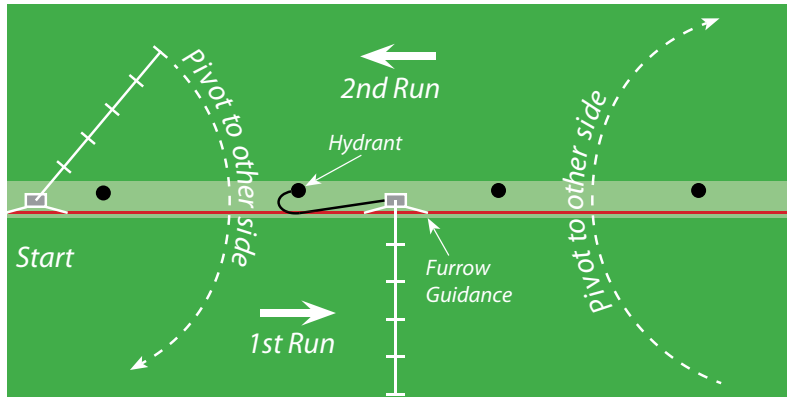


### **DRIVE TRAIN ASSEMBLY**

When used in combination with our Generator Package, our exclusive drive train is as efficient as they come, making the AcreMaster the least expensive system to operate of any linear on today's market.



# Designed to Go Where Your Field Goes

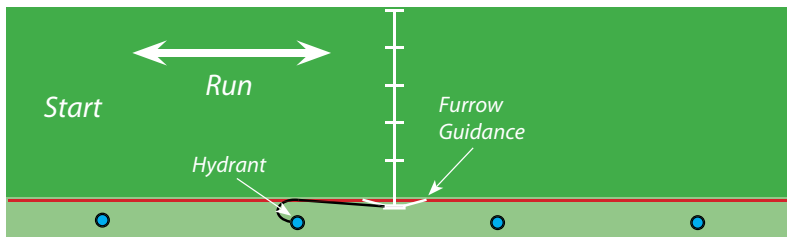


**80 ACRES**

## **80 ACRE SAMPLE LAYOUT (1320' X 2640')**

### **4-WHEEL PIVOTING LINEAR**

- Dual Mode, Pulse Steering
- Solid State Non-Contact Steering Switches
- Programmable Logic Control Panel
- Weight Trays for Traction
- Irrigate in Linear or Pivot Modes
- Maximum Length - 812' (247M) with Overhang
- 330' (100M) 4 ½" OD (114mm) Poly Drag Pipe
- Dual Water Inlet
- Dual Check Valves

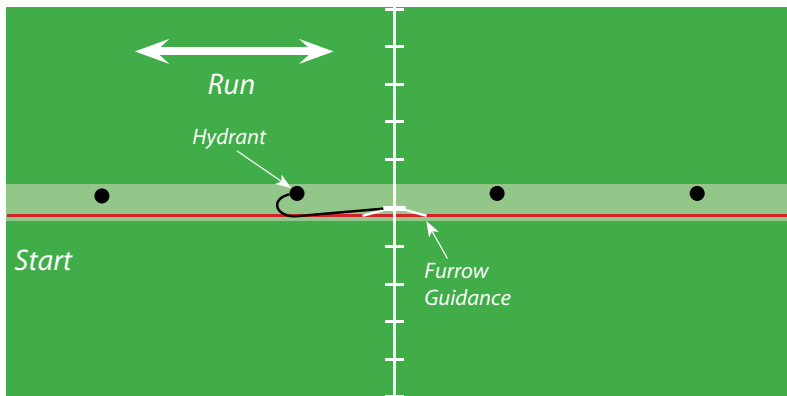


**20 ACRES**

## **20 ACRE SAMPLE LAYOUT (660' X 1320')**

### **2-WHEEL END FEED LINEAR**

- Adjustable Rate, Variable Speed Steering
- Solid State Non-Contact Steering Switches
- Programmable Logic Control Panel
- Maximum Length - 680' (207M) with Overhang
- 330' (100M) 4 ½" OD (114mm) Poly Drag Pipe
- Dual Water Inlet
- Single Check Valve Assembly



**40 ACRES**

## **40 ACRE SAMPLE LAYOUT (1320' X 1320')**

### **2-WHEEL CENTER FEED LINEAR**

- Adjustable Rate, Variable Speed Steering
- Solid State Non-Contact Steering Switches
- Programmable Logic Control Panel
- Maximum Length - 1360' (414M) with Overhang
- 330' (100M) 4 ½" OD (114mm) Poly Drag Pipe
- Dual Water Inlet
- Single Check Valve Assembly



### **SPRINKLER OPTIONS**

Application of water to best fit your crop needs is critical. That's why Pierce offers the latest in sprinkler packages. Products from Nelson®, Senninger®, and Komet® are custom configured to your needs and specifications.



### **GUIDANCE SYSTEM**

Dependable furrow guidance system uses easily adjusted solid state, non-contact switches for ease of installation and maintenance.



# AcreMaster MicroLinear Features and Options

**Highly visible, well defined panel graphics make the AcreMaster's controls easy to operate.**



## Control Panels

At Pierce, we understand how important a few saved steps can be in your busy life. Realization of this has contributed to the research and development of the AcreMaster Controls. We use the latest components and highest quality materials to create the features that save you time and steps in your operation.

## Options

- Strobe Light
- Low Pressure Shutdown
- Low Temperature Shutdown
- Stall Timer
- Automatic Endgun
- Water Control – Hydraulic
- Diesel Generator – 2.7Kw
- Fuel Tank 25 Gallon
- 9 Foot Crop Clearance

## Advanced Features

- 4", 14-gauge galvanized pipe
- Variable span lengths up to 142' in 10' increments
- Warren Truss modular type construction
- All galvanized tower and overhead components
- Standardized parts for easy assembly
- 5' sprinkler spacing accepts all current sprinkler packages
- 6' crop clearance standard
- 1/4 HP center drive 48 volt DC motors
- 24 volt DC control circuits
- Exclusive, totally enclosed oil bath gearbox and final drive
- High flotation 12" x 26" tubeless Ag tires
- 2 or 4 Wheel Linear Carts - gives you options



# Proud of the Company We Keep

In spite of the advancements our engineers have made developing our Center Pivots, Linears, and Micro Irrigation Systems, they have never lost sight of the fact that ag commerce still relies on the effort and ingenuity of those willing to work the soil.

Since 1932 Pierce has partnered with the American Ag Producer. Today, the scope of our products is worldwide, and through the innovations in electronics and coating options, extends beyond agriculture to include chemigation and wastewater management.

Now, as we look to the future, our pledge remains the same... to provide reliable, inspired engineering that will ensure the success of our customers.

**We invite you to find out more about Pierce-built quality by contacting your nearest Pierce dealer or visiting us online.**

#### **Pierce Regional Facilities:**

Junction City, OR USA  
Boardman, OR USA  
Lubbock, TX USA  
Brisbane, Australia

#### **Pierce irrigation systems are operating in the following countries:**

Argentina	Germany	Puerto Rico
Australia	Guatemala	Saudi Arabia
Brazil	Honduras	South Africa
Canada	India	Tunisia
Chile	Libya	Ukraine
China	Mexico	USA
Egypt	New Zealand	Venezuela



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