Field Optimizing Irrigation Solutions for Medium to Large-Scale Parcels
For over three quarters of a century, Ag Producers have relied on Pierce-Built irrigation equipment. Today, our full-scale Linears and Pivots, as well as MicroSystems, can be found performing around the world. If it grows under the sun, it’s bound to grow better under a FieldMaster.

**LINEARS**

Optimizing the Earth’s resources—after all, it’s where we do our best work.

Pierce recognized a need to efficiently swing a 4-wheel cart and put their engineers to work. The hard work yielded the unique Pierce Swing-Around Linear. Released in 2002, this novel machine has already proven itself around the world.

**FIVE-WHEEL SWING-AROUND LINEAR**

*Designed to Go Where Your Field Goes*
Great Performance Requires a Great Finish

Our poly lined pipe is designed as an alternative to our standard hot-dipped galvanized pipe. POLY-LINE™ combines a tough galvanized exterior with a durable polyethylene liner to eliminate problems caused by acidic, corrosive or saline water.
Our engineers have developed a linear employing uniform components. By standardizing the machine’s parts, we have simplified assembly and service, creating a more efficient system. Combine this with the most advanced manufacturing methods, parts and electronics, and the result is the FieldMaster Linear—unequalled when it comes to effective and reliable crop irrigation, chemigation and wastewater management... season after season.

**Ditch Suction System**
As an alternative to conventional water delivery for large acreage parcels, our Ditch Suction System can be custom-designed to meet a variety of applications.

**Modular Components**
Engine, pump, and generator are modular and frame-mounted. Machines can be configured for end or center feed. All Pierce Ditch Suction Systems feature independent walking beam suspension.
POWER TRAIN
In addition to a wide selection of HP, GPM and fuel capacity choices, self-priming and self-cleaning options are also available.

FOUR-WHEEL TOUGH
The Pierce Four-Wheel Cart is built to pull. With the largest drive tube available in the industry and its live axle suspension, this cart has pulling power! It is capable of handling up to an eight inch hose for your high flow requirements. Don’t need the ultimate pulling machine? The two-wheel cart has towable and swing options at an affordable cost.

“Pierce-built linear are some of the best available today. Pierce stands behind my linear, and it saves labor in today’s labor market. I can’t say anything but nice things about the equipment that Pierce makes.”

Vince Wolf
Circle V Farms
St. Paul, Oregon
At a time of diminishing resources and escalating material costs, it’s important as manufacturers, that we do all we can to protect your bottom line. Whether it’s improving coatings that reduce friction loss and minimize wear, controlling irrigating dynamics and evaporation, or designing drivetrain components that coalesce with crops and soil, Pierce engineers have done their field work.

**Linear Features That Protect Your Bottom Line**

**DRIVE TRAIN ASSEMBLY**
The FieldMaster’s drive train assembly is specifically designed to meet the challenges of today’s longer span lengths. Each component is engineered to deliver the torque requirements demanded by your soil and tire combinations.

**Final Drive Features**
- Peak torque rated at 75,000 in/lbs
  - Dual input, hot-forged steel worm gear
  - 2 1/4” output shaft
  - Dual input and output seals
  - Large input bearings and reinforced housing
  - Stainless steel bellows-type expansion chamber

**CENTER DRIVE**
Hardened helical gear and all-aluminum gear case and motor housing provide years of reliable service. Also included:
- Available ratios 50:1, 40:1, 30:1 and 20:1
- Irrigation duty with 95% efficiency
- Class F insulation

**DRIVELINE COUPLER**
- Heat-treated aluminum construction, self-aligning design and UV/chemical resistant urethane inserts

**HIGH FLOTATION AG TIRES**
Multiple tire options are available to match your span requirements and soil conditions. Available in 11.2 x 24, 14.9 x 24, 16.9 x 24, 11.2 x 38.
CONTROL PANELS
Simply stated, Pierce linear control panels are industrial quality, NEMA 4X stainless steel enclosures, programmable logic controller based with electromechanical or LCD operator interfaces. Pierce incorporates only the highest quality electrical components and most advanced technology for the reliability you require.

GUIDANCE SYSTEMS
FURROW • CABLE BURIED WIRE
All Pierce guidance systems feature proven solid state components for dependability. With buried wire guidance, the adjustable rate, variable speed steering system puts you in control, allowing multiple turn rates and wire offset options while the simplicity of furrow and cable guidance systems make adjustment logical.

TOWER BOX
The tower box is constructed of heavy wall UV stabilized ABS with a 304 stainless steel base. Features include a non-corrosive cam assembly, adjustable micro switch bases, and extra large box for ease of wiring and troubleshooting.

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