

Pierce

IRRIGATION WITHOUT LIMITS



Why Pierce?

The CP600 is a system designed to adapt to a variety of weather, crop and field conditions, all the while providing maximum performance in water efficiency and increased crop yields, year after year.

The system can be configured for a variety of span lengths and overhang combinations with multiple sprinkler packages.



Durability and Reliability

See how quickly your machine pays for itself.

PIERCE pivots are designed to work long hours and provide maximum satisfaction.

They operate under the most extreme conditions, on almost any surface, and with any type of water.

Higher Productivity

You'll think your crop is growing itself.

We supply a customized irrigation chart designed to meet your needs.

Design and Experience

Save time & money.

Pierce has sold more than 25,000 irrigation systems in over 80 countries.

Maximum Quality

We make sure you get the best quality for the money.

All PIERCE pivots are manufactured under strict ISO 9001 quality standards. The quality of their components is the highest on the market.

Don't stop Irrigating

We know how important a day without water is.

Through our extensive Dealer network, we always have the parts you need for your Pierce machine.

Customer Service

Don't worry about the machine.

Your Pierce dealer will install it for you and provide the maintenance required to ensure your machine keeps running.



① Pivot Point

- Constructed with extra cross-ties to support spans length up to 203.5'.
- Fixed or four-wheel towable pivot points available.
- Includes anchor bolts and pivot feet, reinforcement legs, rotating elbow, riser pipe, and bottom elbow.

② Spans & Overhangs

- Piping made of hot-galvanized steel.
- Outlets spacing: 58.5"
- Standard truss rod ground clearance: 9' 6"

OPTIONS:

- PERMAPIPE is available
- Low and high profiles are available

③ Panels

- Panels are mounted in a stainless steel enclosure, manufactured under ISO 9001 quality standards, and are operator-friendly and easy to understand.
- Compatible with the iControlRemote option.

④ Tower

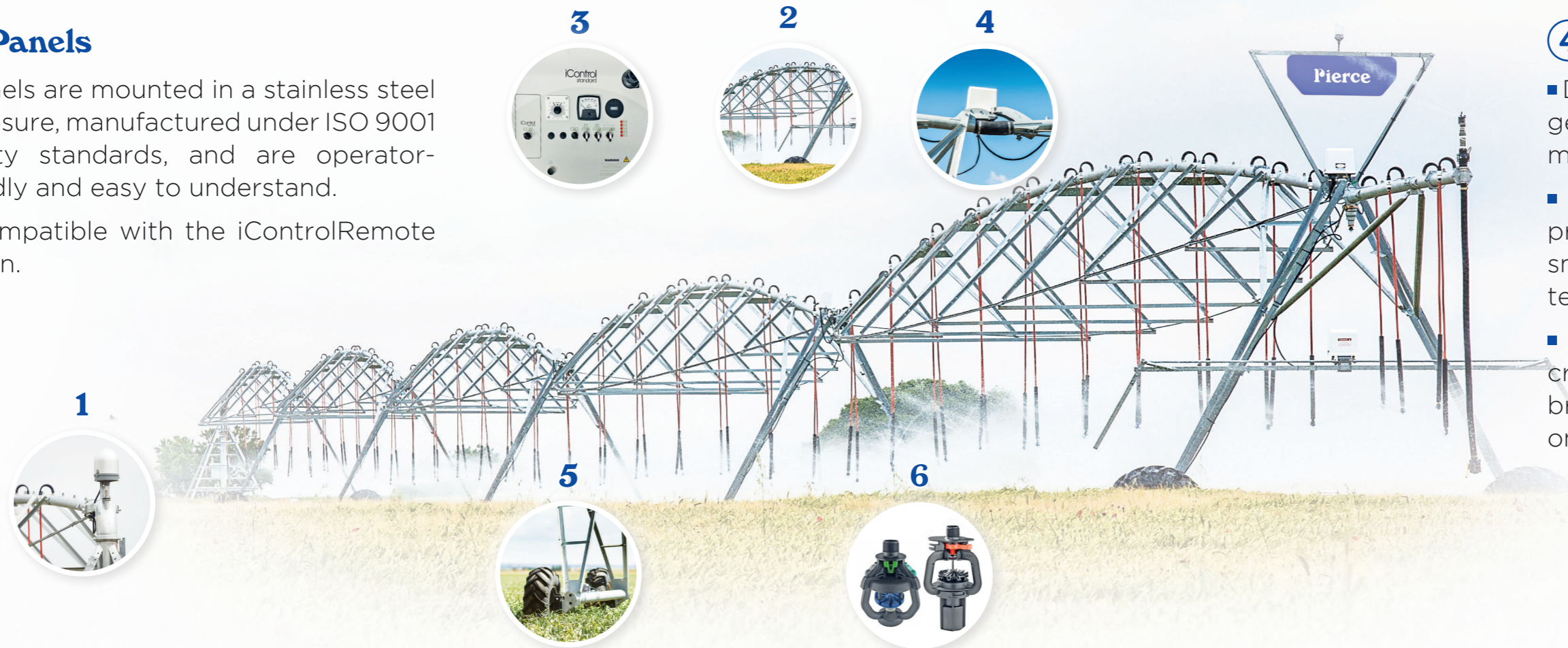
- Designed to resist the stress generated by gradients and maximize roll resistance.
- Ball & Socket connection providing stress-free flex for smooth running on rough terrain.
- Reinforced legs with 4 cross-ties and one diagonal brace to secure the structure on the most difficult terrain.

⑤ Drive Train

- Drive train assembly is specifically designed to meet the challenges of today's longer span lengths.
- Each component of gear motor, gearbox, coupler, shaft and wheels is engineered to deliver the torque requirements demanded by today's irrigation standards.
- MOTOR: High-strength motors with proven reliability for irrigation duty.
- GEARBOX: High-strength steel gearboxes designed to work under any conditions.

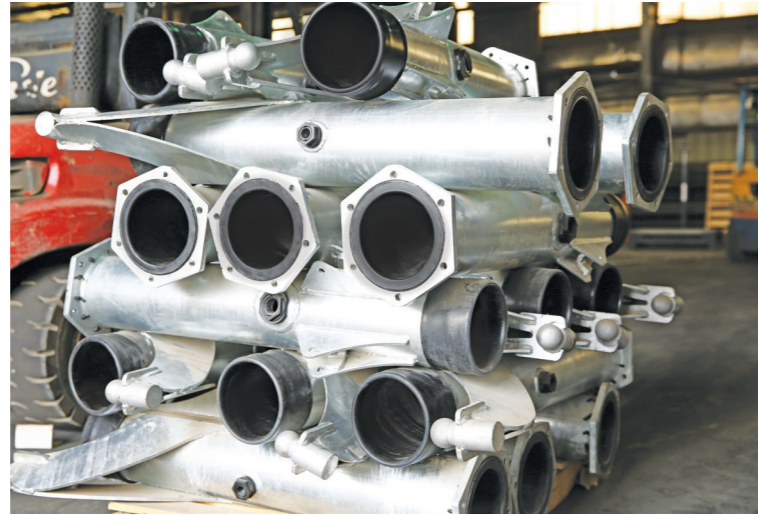
⑥ Sprinkler Package

- The irrigation system includes a complete package of sprinklers to accommodate any type of terrain, crop or weather conditions.
- The sprinklers will operate uniformly along the entire pivot, reducing operating costs and ensuring efficient water application.
- Various end gun types are available, as is an optional booster pump.



Re-Piping

- The pipeline is made of hot-galvanized steel and depending on the pH of the water, assumed to be between 6 and 10, can withstand thousands of hours of irrigation without corrosion.
- We also supply a wide range of pipe diameters (5", 6 5/8", 8 5/8") to retrofit existing models.



PERMAPIPE IS ALSO AVAILABLE

Drive Unit

Gearmotors

- Our high-strength motors are proven to be reliable and are available in a wide range of HP options.
- Low/ medium/high speed motors are available.

Gearboxes

- High-strength steel gearboxes designed to work under any conditions.



Wheels

- We offer a wide range of tire options from multiple manufacturers suitable for any field conditions.



Standard Tire Sizes

14.9"x24"	These multiple tire options are available to match your span requirements and soil conditions.
11.2 x 24	
16.9 x 24	
11.2 x 38	
3-Wheel Drive	

Electrical Components

Tower Box

- Tower boxes are constructed of heavy wall UV stabilized thermoplastic on a galvanized steel base.
- Intermediate, next-to-last & last control tower boxes are available for your pivots. Features include: Auto-Reverse, End of Field Stop, Time Delay Relay.



Collector Ring

- The collector ring mounts on a stainless-steel J-tube with the exclusive wedge-tight seal for years of trouble-free service. Available with 11 or 13 rings.



Control panels

- Interested in replacing an existing panel with one featuring more technological advances?

Control Panel components are available for most existing brands, with features that include: Percentage Timer, Transformer, Hour Meter, Contactors & Relay.



Sprinkler Options

- Application of water to best fit your crop needs is critical. That's why we offer the latest in sprinkler packages and end gun options.
- The sprinkler package is the array of sprinklers with their corresponding nozzles, as well as any other accessories there might be: pressure regulators, elbows, drops, end gun, dry-wheel, etc.
- Products from Nelson®, Senninger® and Komet® are custom configured to your needs and specifications.



SENNINGER



KOMET



NELSON

The **iControlStandard** is a complete control panel that enables manual operation control over the classic functionality of a pivot using the switches on the dashboard.

Operator controls are standard electro-mechanical devices which include a voltmeter, hour meter, and percent timers, and are operated using either push buttons or twist switches.

iControlStandard panels are operator-friendly and easy to understand. They incorporate the highest quality electrical components and most advanced technology to effectively monitor and manage your fields.



Features Table:

Feature	Standard	Option
Main On/Off switch	✓	
Percentage timer	✓	
Manual or automatic start (by voltage)	✓	
Direction of rotation	✓	
Timed 3-second safety stop	✓	
External voltmeter	✓	
Hour meter	✓	
Auxiliary switch	✓	
Stop and/or start by pressure		✓
Stop by temperature (<3°C)		✓
Auto Reverse/Auto Stop system		✓
End Gun control		✓

Using the **iControlRemote** switch you can enable or disable remote control of your center pivot.

iControlStandard are designed based on our long experience in the industry, the thousands of panels we've distributed all over the world, and our knowledge of our customers' needs and concerns.

What's iControlRemote?

It's the state-of-art technology designed to easily manage your irrigation systems remotely, without changing your existing control panel.

Our iControlRemote.com website allows you to simultaneously control and manage your irrigation systems remotely. iControlRemote displays your historical operations in a graphic format to help you easily visualize the status of your irrigation systems during the growing season.

Options and Features:

Controls:

- Start/Stop
- Forward/Reverse
- End gun ON/OFF
- Speed %

Programs:

- Programs on weekly calendar.
- End gun control by sector.
- Speed % and Water application depth.
- Auto Reverse or Auto Stop.
- Stop in Slot by Angle.

Monitoring:

- Span position on a terrain Map.
- Machine and end gun status.
- Running direction and % speed.
- End Gun Status.
- GPS and GSM signal.
- Pressure transducer on the last tower.

Alarms:

- Cable Theft Alarm.
- Power lost.
- Low pressure and no water.
- Direction change.
- GPS connection lost.

What are the benefits of using iControlRemote?

- Saves you time and reduces operational costs.
- Controls the irrigation performance from your computer, portable o smartphone.
- Easy to use, anywhere and anytime.
- It can be used with all the pivot brands available in the market.





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Irrigation Solutions

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