

Pivot Options

Towable Systems

Movable or towable units are always moved in the direction of the machine itself. The movable pivot rides upon a trolley and the wheels can be set pointing perpendicular to the shaft, for movement.

Permapipe

Permapipe spans avoid corrosion problems thanks to their high-density polyethylene (HDPE) lining along the internal surface of the galvanized pipes.

Pipe lined with HDPE does not require gaskets between flanged pipes because of the unique mold-a-flange technology, which makes sealing an integral part of the liner material.



Fertigation Equipment

Fertigation equipment is comprised of a dosing pump that can be regulated (percentage) and an electrical stirrer, together with the corresponding accessories for injecting the fertilizer into the main water flow.

The most common flows for dosing pumps are 200, 300 and 500 liters/hour, although others are available.

The system can be placed at the head of the water supply or the foot of the pivot.

iControlRemote

iControlRemote is a remote irrigation management product that uses GSM technology to monitor and manage your irrigation systems.

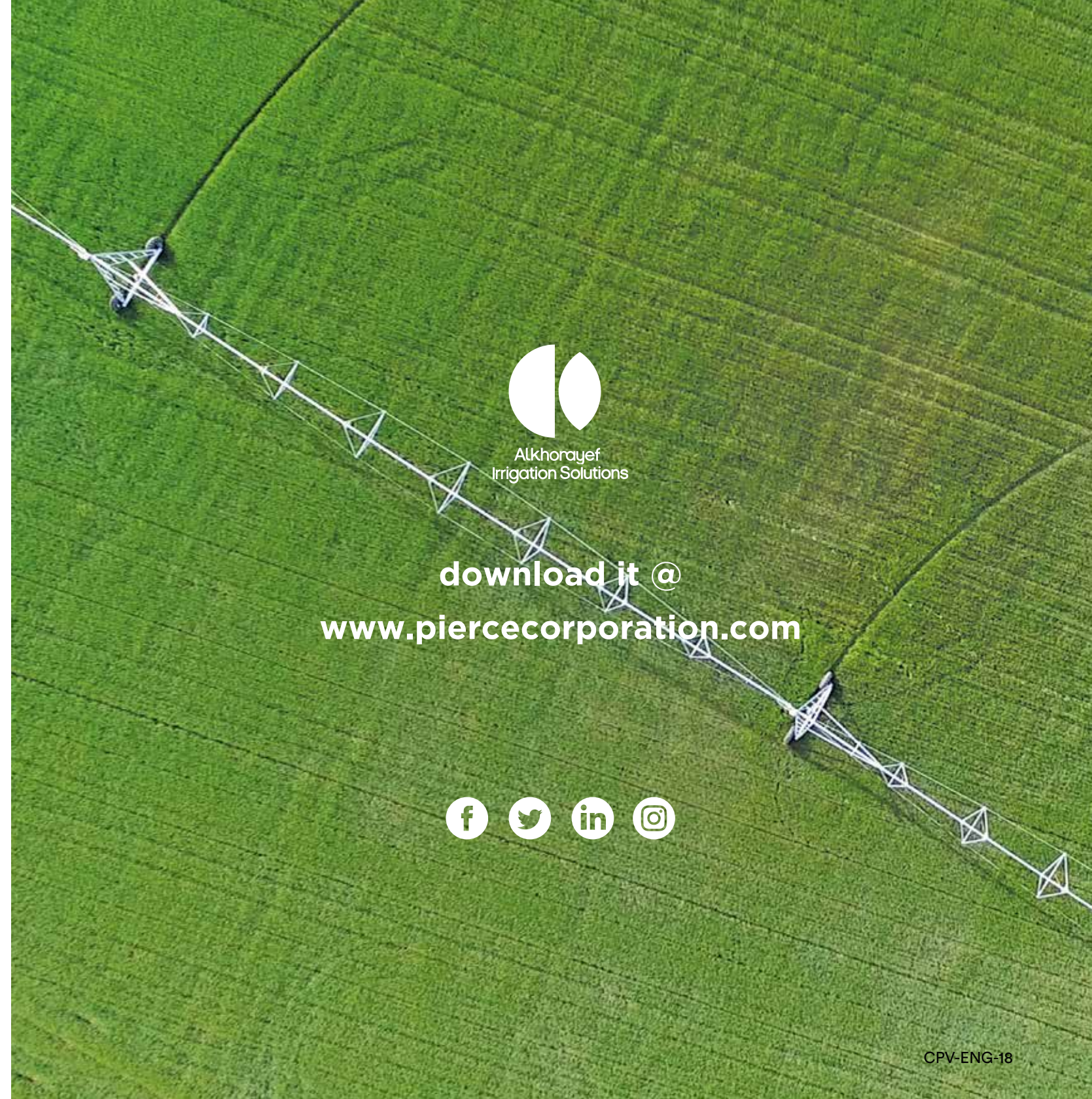
At www.icontrolremote.com, you can monitor the current status of your irrigation systems including current end pressure, speed percentage, angle, endgun, total hours running and total hours with water.



Span Length		Diameter	
m	feet	inches	mm
38.38	125'7"	5"	127
44.22	145'1"	5"	127
50.17	164'7"	5"	127
56.11	184'1"	5"	127
38.38	125'7"	6"5/8	168.3
44.22	145'1"	6"5/8	168.3
50.17	164'7"	6"5/8	168.3
56.11	184'1"	6"5/8	168.3
62.05	203'7"	6"5/8	168.3
38.38	125'7"	8"5/8	219.1
44.22	145'1"	8"5/8	219.1
50.17	164'7"	8"5/8	219.1

Overhang Length	
m	feet
1.8	6
3.7	12
5.9	19.5
7.8	15.5
9.6	31.5
11.9	39.5
13.7	45
15.5	51
17.8	58.5
19.7	64.5
23.8	78
25.6	84

For more information contact info.us@pierceccorporation.com



Alkhorayef
Irrigation Solutions

download it @

www.pierceccorporation.com



CPV-ENG-18

CENTER PIVOT



Pierce

Why Pierce?

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.

Design and Experience

Save time & money.

More than 25,000 irrigation systems sold in over 80 countries have proven that we offer the best irrigation equipment.

Don't stop Irrigating

We know how important a day without water is.

We have the parts you need for your PIERCE machine. Through our extensive Official Distributor network, and the best warranty program on the market, we make sure your irrigation system never stops working.

Higher Productivity

You'll think your crop is growing itself.

We supply a customised irrigation chart, specifically designed to meet your needs.

Maximum Quality

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

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

Customer Service

Don't worry about the machine.

They'll install it for you and provide the maintenance required to ensure your machine keeps running.

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.

① Pivot Point

Constructed with extra cross-ties to support spans length up to 62m (203.5')
Stainless steel swivel elbow.

The collector ring prevents the electrical cable from breaking as the machine turns.

Pivot Point with 4 wheels as an option.

Includes anchor bolts and pivot feet, reinforcement legs, ladder, rotating elbow, riser pipe, and bottom elbow.

② Spans & Overhangs

Piping made of hot-galvanized steel (15,000 hours of irrigation without problems of corrosion guaranteed)

Outlets spacing: 58.5" (1.48m)

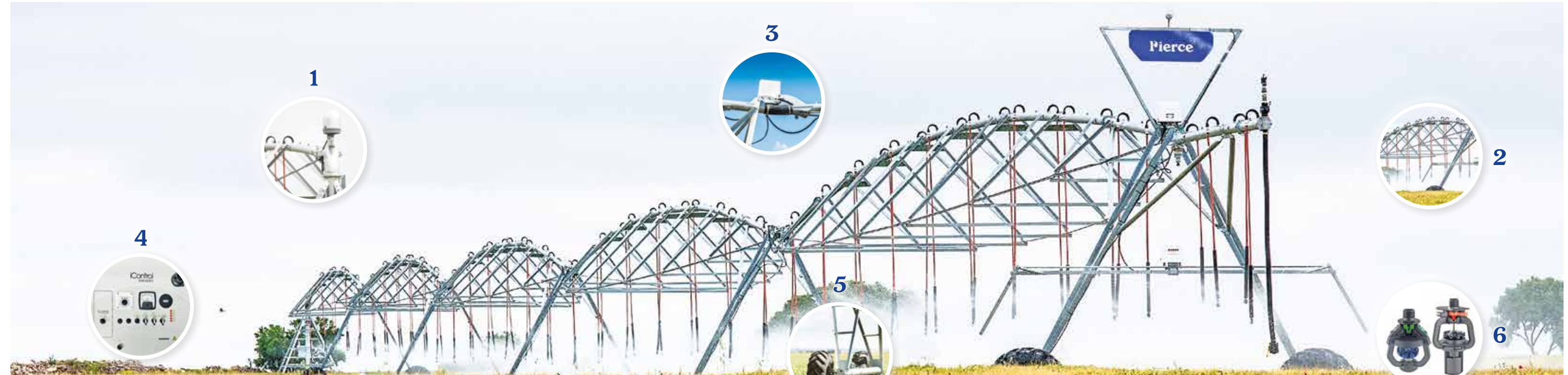
Standard profile: 117" (2.9m)

OPTIONS: PERMAPIPE available Wide and narrow outlet spacing
Low and high profile available

③ 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 the spans.

Reinforced legs with 4 crossties and one diagonal brace to secure the structure on the most difficult terrain.



④ Panels

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

Incorporate the highest quality electrical components.

Integrate the iControlRemote option.

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 your soil and tire combinations.

MOTOR High-strength motors with proven reliability and irrigation duty with an efficiency of 95%

GEARMOTOR 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 operate at low pressure, uniformly along the entire pivot, reducing operating costs through low operating pressure and efficient water application.

Pressure regulators maintain constant pressure and flow.

Various end gun types are available, as is an optional booster pump.