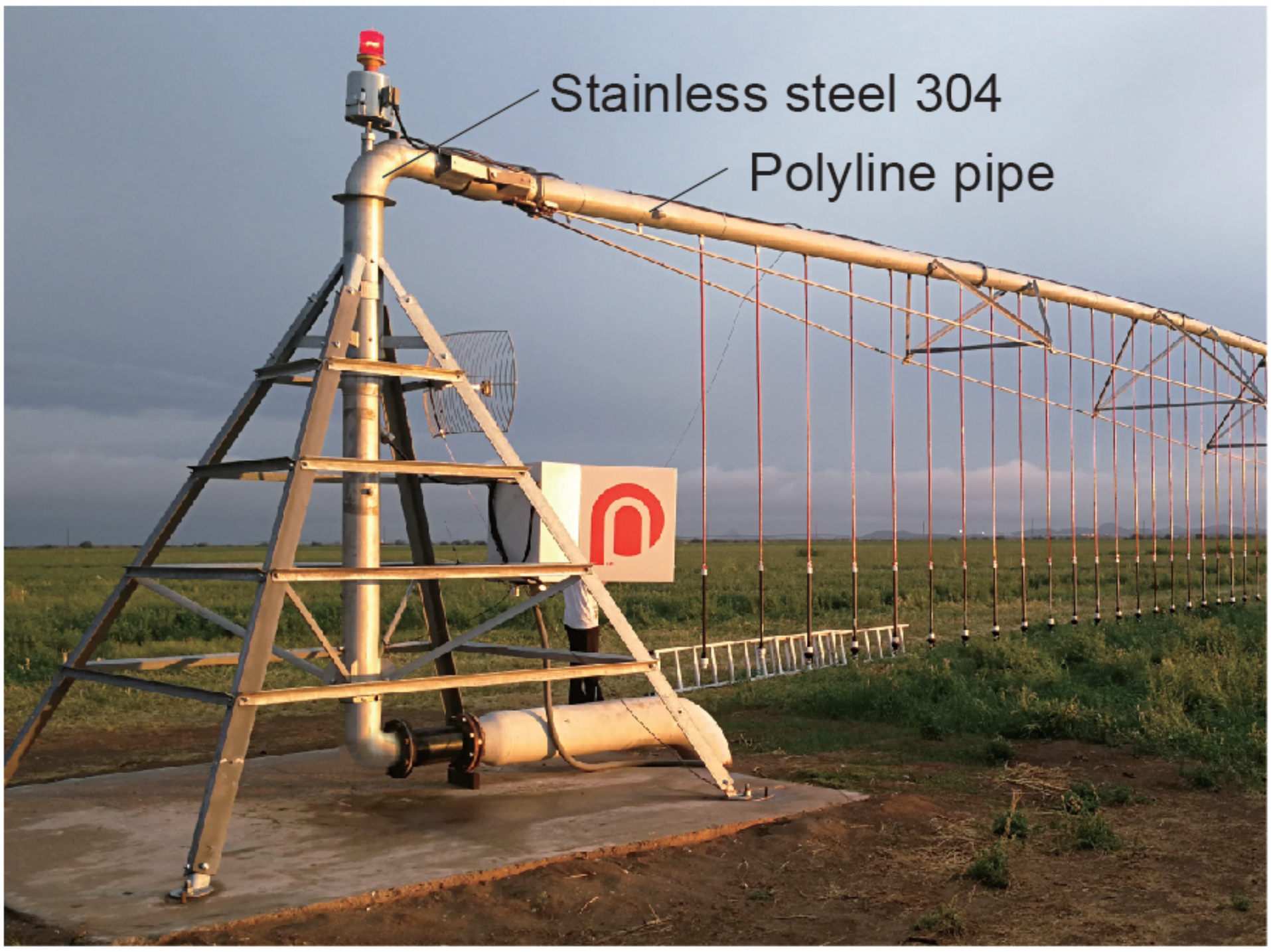
RAINFINE®
Irrigation Solution

Corrosion Protection Solution
50-years Irrigation Pivot

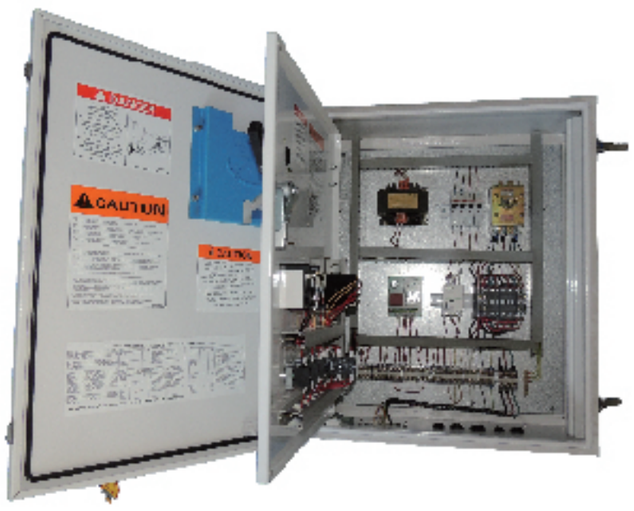
Farmers can pass down these pivots to their grand children



- Stainless steel 304 pivot riser and elbows
- Optional aluminum or stainless steel control panels
- Optional stainless steel or polylined pivot joints
- Polylined main pipes
- Stainless steel plug and sockets
- Plug-n-play electric cables

Control Panel Option

Aluminum Control Panel

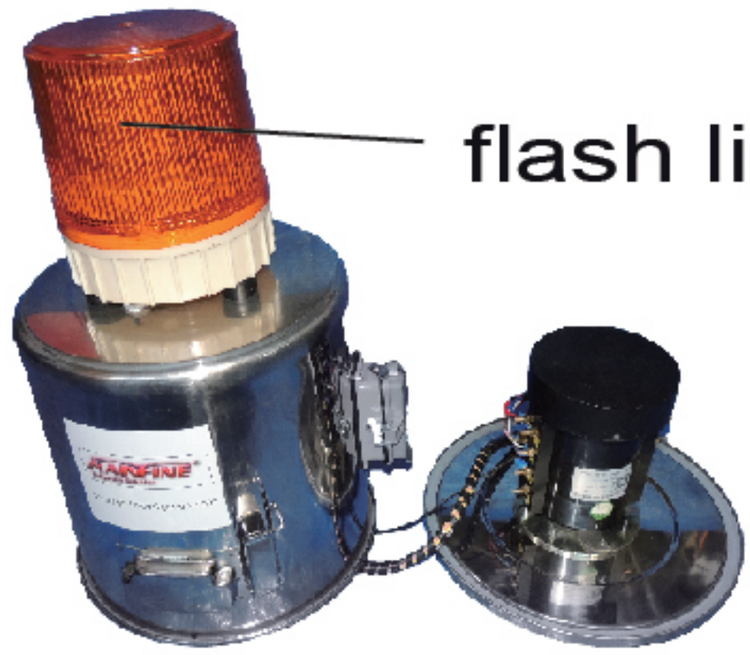


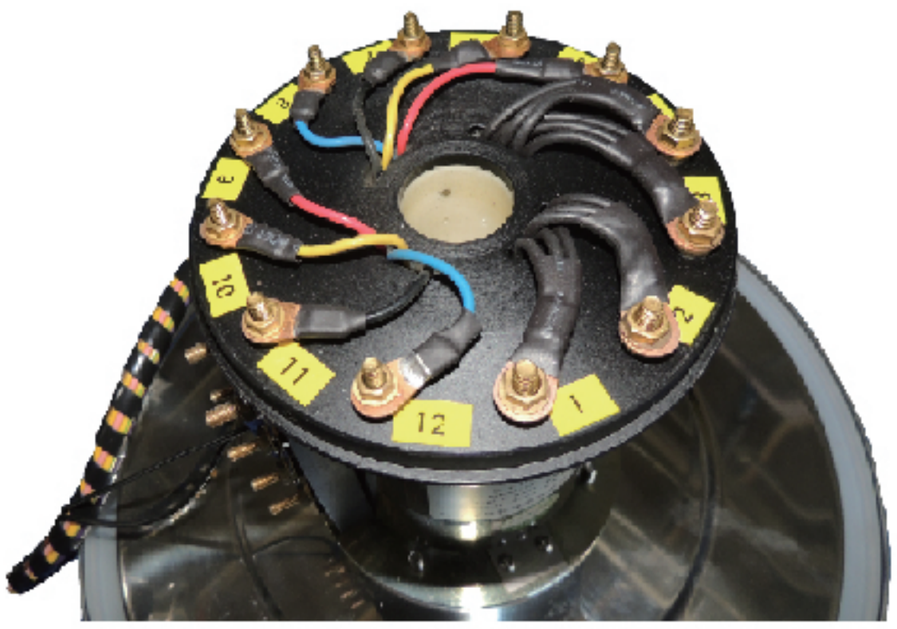
Stainless Steel 304 Control Panel

Main Panel

- Forward and Reverse
- Wet and Dry
- Booster Pump & End Gun On/Off
- Auto stop/Reverse optional
- Power 480v/380v optional
- Lightning Arrestor
- Low water pressure shut off
- Safety circuit status
- Emergency stop

Stainless Steel Collector Ring





Technical Features

- Stainless steel shell route: 12
- Rated current： 40A/4 routes

  for power 480V/380V 15A/8 routes

  for signals 110V/120V
- Insulation resistance :

  ≥ 1,000MΩ/1,000V DC
- Conductor: silver alloy
- Working temperature: -20°C – 80°C
- Working speed： 1-10RPM
- Protection standard: IP51
- Whole seal: dew/dust/water proof
- Designed life: 60,000 times rotation
- Flash light on the top
- Socket connection:
- Plug-n-play electrical sockets

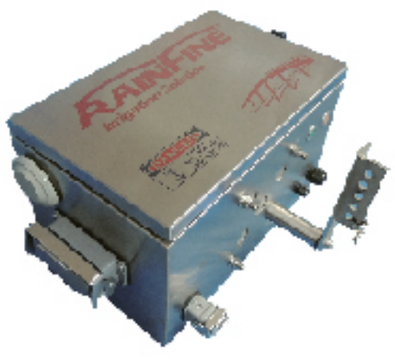
  no electrician required

Plug-n-play Tower Boxes

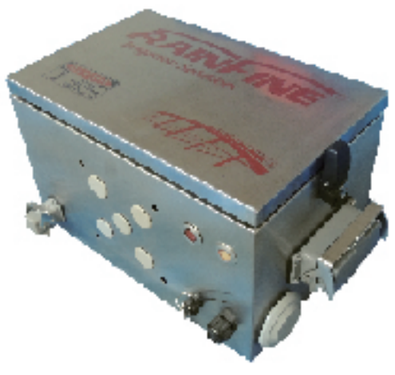
Aluminum Tower Box

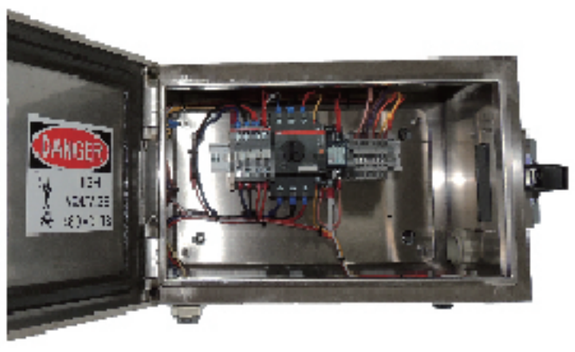
- Optional aluminum boxes or stainless steel tower boxes
- Contactor rated 600V at 16 amp min
- Micro switches rated 227V at 15amp tested to 10 millions cycles
- On-off switch rated 600V at 16 amps

Stainless Steel Tower Boxes



intermediate tower box





last tower box

Span cable with plug

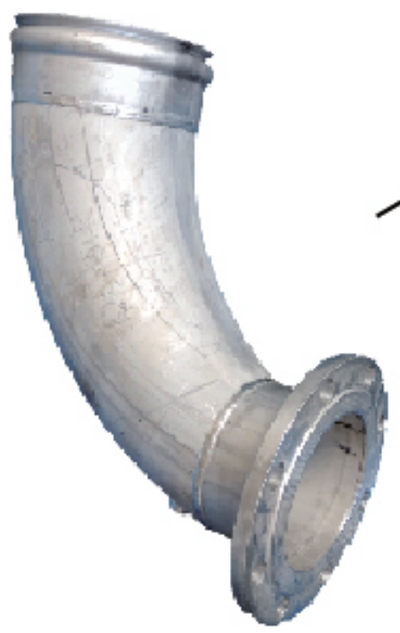
Motor cable with plug

Plug

Stainless Steel Pivot Point

Pivot elbow

Pivot riser



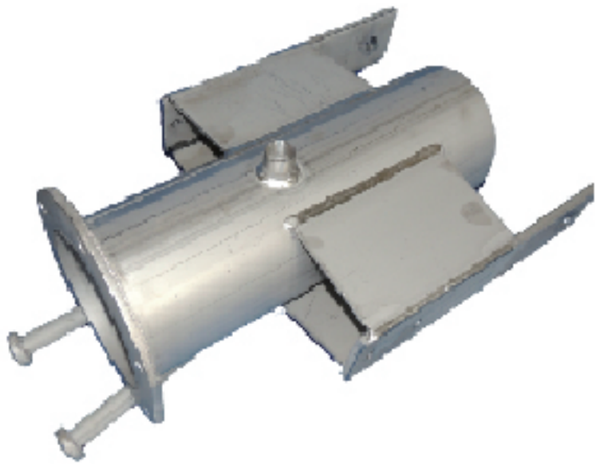
Inlet elbow to flange

Riser and elbows are made of stainless steel 304.

Corrosion Protected Pivot Joints

Stainless steel joint

Stainless steel 304



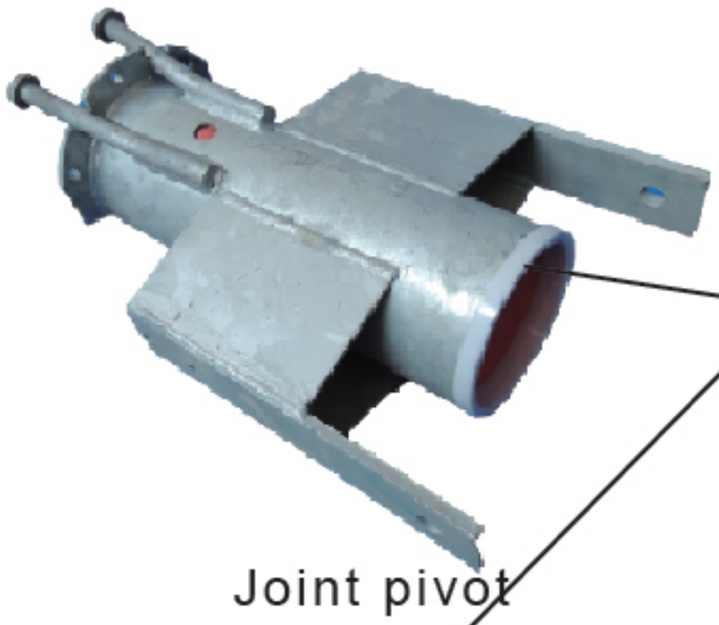
Joint pivot

Joint tower

Joint last tower

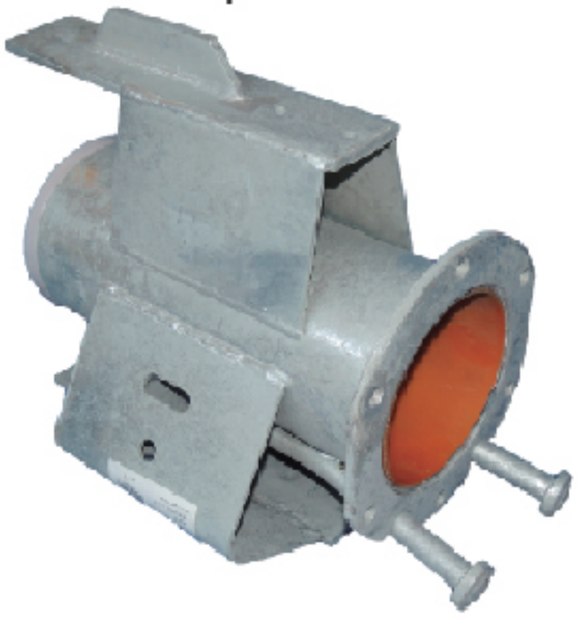
Polylined joints

Joint pivot



End seal

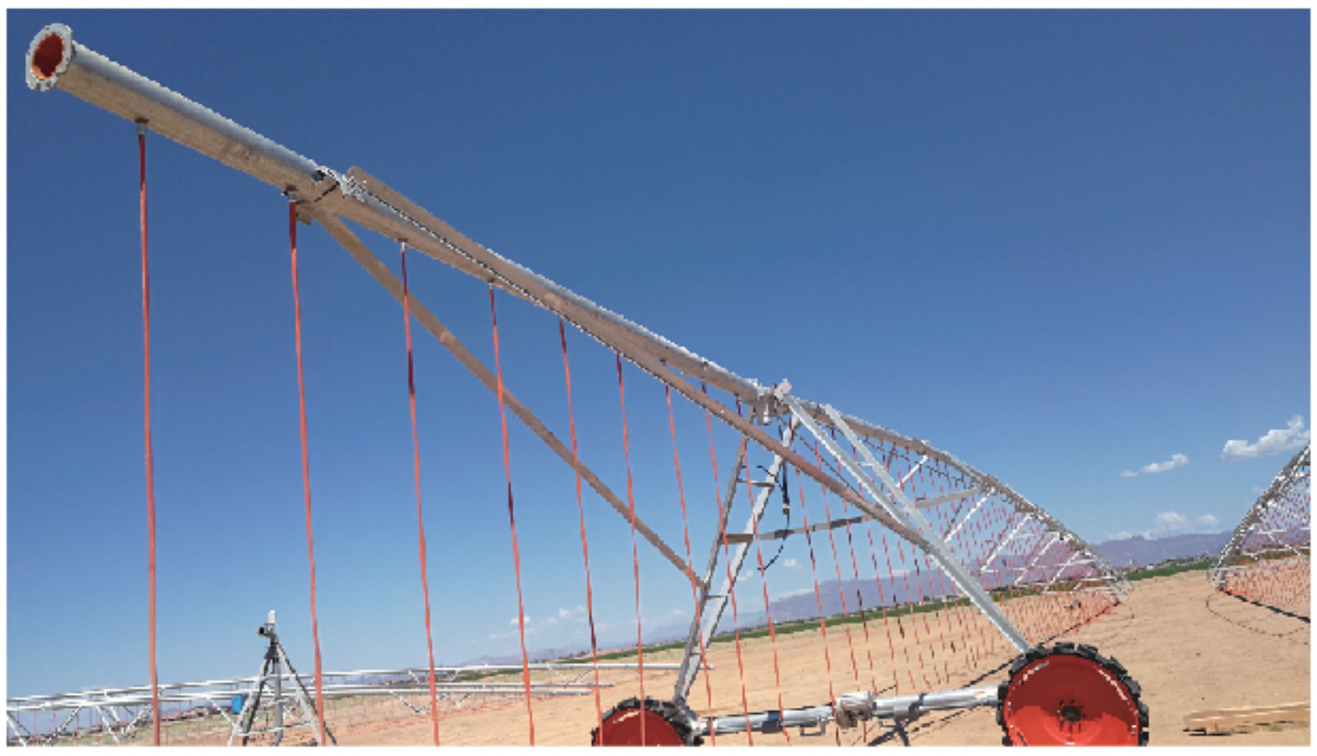
Joint pivot

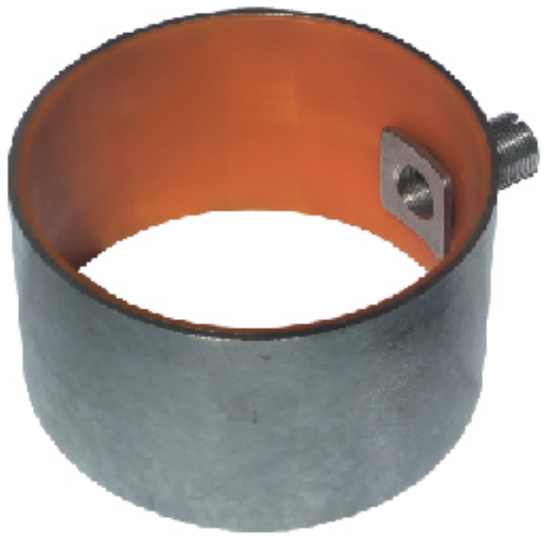


Joint tower

Joint tower

Polyline Pipes





- Special polyline material is stable in hot or cold weather.
- Maximum inner diameter of main pipe by using polyined pipe 2.5mm thickness only.
- Stainless steel outlet is curved inside the pipe wall with rubber seal.
- Gasket + rubber ring design has the best seal between the pipes.

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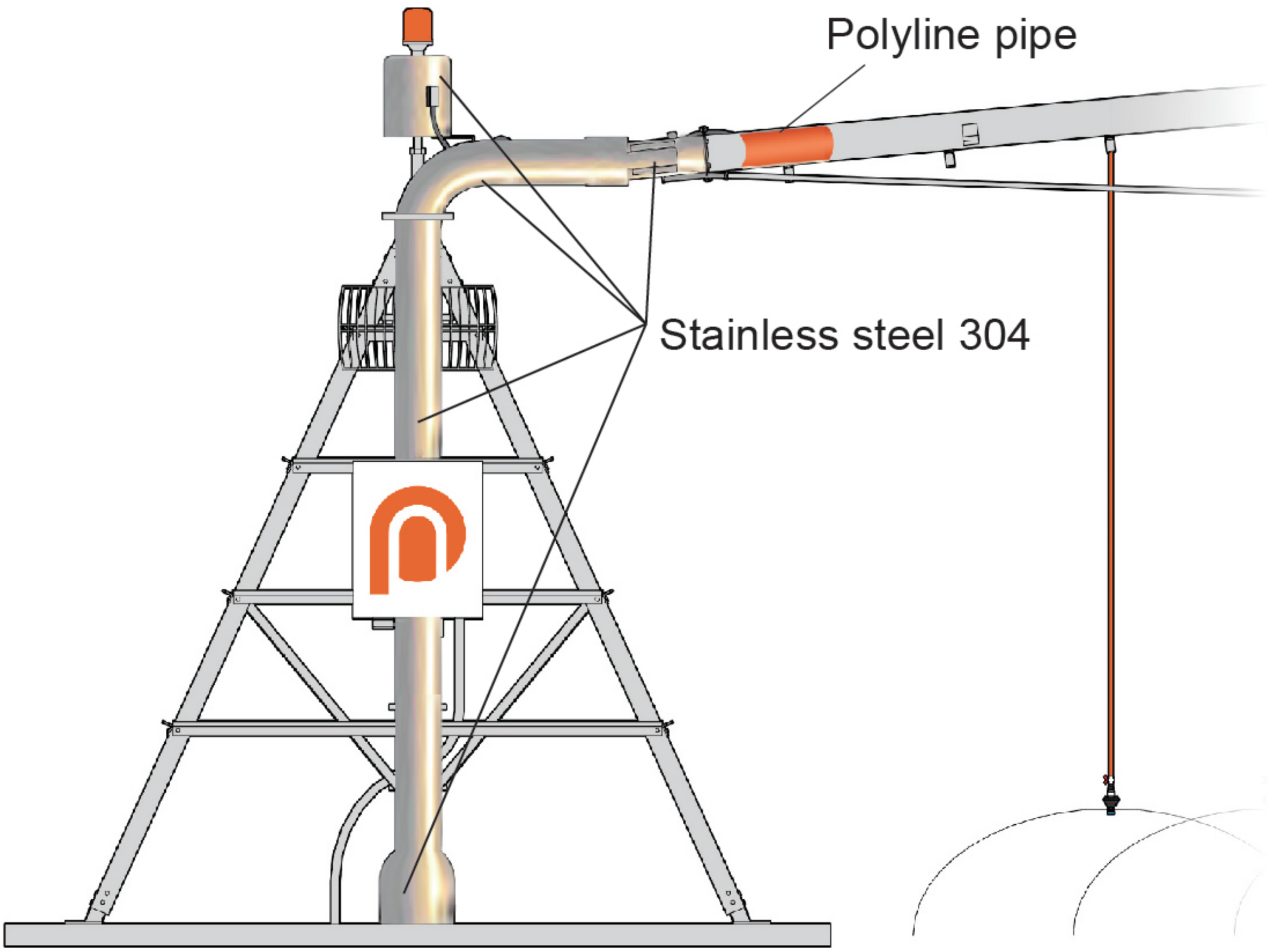
Irrigation Solution



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