

Model 8120 Centre Pivot



Valley has developed a standard, accelerated life cycle test that subjects spans to conditions they could experience on rough ground with large tyres. The span with the longest cycle test life can be expected to last the longest in similar field conditions. The results of these tests, performed by independent engineers, consistently show that the Valley centre pivot is the most durable machine in the industry.

From pivot point to last span, Valley® engineers and manufactures centre pivots that handle the full range of operating conditions that today's growers need. Valley structures stand up to the toughest loads produced by rough terrain, deep furrows, and long-span machines.

Specifications:

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- **6 5/8", 8 5/8" and 10" pivot point**
- **8 5/8" and 10" pipe diameters**
- **2, 5 and 7.5 HP booster pump**
- **Up to 24 spans, covering 853 meters**
- **Engineered to operate under the most demanding conditions**
 - **Four-leg drive unit with braces**
 - **Heavy 8-bolt pipe flanges – Welded sprinkler coupler**
 - **Full wrap-around weldments**
 - **Forged truss rod heads**
 - **Uniform pipeline and truss rod crowns maintain even distribution of loads**
- **Tight contact of truss rod head in the socket for even loading**
- **Ball-and-Socket Connection**
 - **Allows movement in all directions, which minimizes pipeline stress**
 - **Reduces pressure loss**
 - **Includes forged ball for long life**



Valley 8000 series

Valley 8000 seriesR

Simply put, the Valley 8000 seriesR is the best, most reliable centre pivot available anywhere, giving growers the greatest return on their investment. Exclusive options include:

- **Ultra-high profile span option**
- **The widest range of pivot point options and pipe diameters to fit your field**
- **The longest span in the industry**
- **Precision CornerR and VFlex™ Corner options – maximize your irrigated acres**
- **Multiple drive train and floatation options**

Exclusive Features:

• High (3.9-4m) and Ultra-High Profiles (4.9-5m) • The industry's longest span of 72 meters • The Valley gearbox – the only gearbox made in the USA • Hot-dip galvanized • Precision Corner® options – maximize your irrigated acres • Bender30™ and Bender160™ – irrigate around obstacles • Multiple drive train and floatation options • Programmable controls • Remote communication