

A photograph of a tree with white blossoms and a drip irrigation system in a garden setting. The tree has a thick, brown trunk and is covered in green leaves and small white flowers. A drip irrigation system is visible in the foreground, with a white emitter and a black tube. The background is a lush green garden with other trees and plants.

NELSON IRRIGATION NEWSLETTER

MAY 2024

SIX FUNCTIONAL AREAS

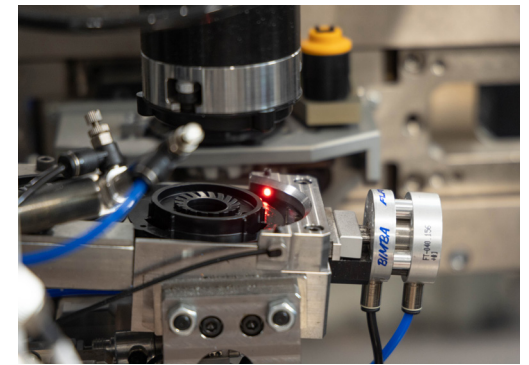
The six functional areas of Nelson Irrigation Corporation are:





Bart Nelson and Territory Manager Bob Hand in the field with a valued dealer

The Six Functional Areas



Assembly machines designed and built by Nelson Mechanical Engineers

With the goal of being centered in the agriculturally rich area of the Pacific Northwest, Nelson Irrigation set up shop in Walla Walla WA in 1973. This area is surrounded by vegetable and grain fields, orchards, vineyards, pastures and nurseries and its close proximity lends to fruitful R&D with cooperators – our friends, the growers.

We continue to be driven by our mission to **save water, save energy, save labor, and do a better job of irrigating.** We take pride in being a "MADE IN THE USA" manufacturer and are committed to creating an exceptional workplace environment.

Our operations are structured around six key functional areas that work seamlessly together internally and externally with vendors, customers, and end-users. This collaborative approach ensures that we consistently deliver excellence across all aspects of our business.



Application Engineer Evan Thompson in the field

1. Administration

First, our Administration division serves as the backbone of the company, overseeing leadership, finance, human resources, IT infrastructure, software management, and logistics to ensure smooth operations.

2. Engineering

Our team of engineers excels in various fields of expertise, including mechanical, electrical, and software engineering. Through meticulous materials testing and unwavering support, we continuously strive to innovate and enhance irrigation technology. In addition to our core engineering disciplines, our application engineers play a crucial role in bridging the gap between dealers, growers, and our engineering team.

They provide on-site and remote assistance, collaborating closely to address challenges, find solutions, and proactively identify and resolve any issues that may arise. Together, we are committed to pushing the boundaries of what is possible in the world of irrigation technology.

3. Marketing

Our Sales & Marketing team acts as the bridge between our products and the farmers who rely on them. From strategic marketing initiatives to responsive customer service and technical support, this dynamic team ensures that our solutions are not only accessible but also tailored to meet the unique requirements of diverse agricultural landscapes.



Big Guns prepared to be shipped out

4. Manufacturing

Our Manufacturing division is the heartbeat of our operations, orchestrating every step of the production and delivery process with precision and expertise. Core production competencies include plastic injection molding, precision machining and the design and manufacture of automatic assembly equipment. Dedication to maintaining the highest standards of quality and efficiency in our manufacturing processes is what sets us apart in the industry.

5. Purchasing

In tandem, our Purchasing team carefully manages inventory levels and actively seeks out top-notch materials from reliable vendors to ensure a smooth supply chain for our manufacturing operations. Through building strong partnerships with our suppliers, we maintain efficiency and dependability in our production processes, guaranteeing continuous productivity and exceptional quality in all our products.

6. Quality Assurance

Lastly, our Quality Assurance team maintains high standards by meticulously examining raw materials and finished products, ensuring they meet quality benchmarks and regulations. Every detail, from small seals to fully assembled Big Guns, undergoes thorough inspection.

NELSON IRRIGATION

1911



Lewen R. Nelson

Lewen R. Nelson starts Central Brass and Stamping Co. It later becomes L.R. Nelson Mfg. Co. Inc.

1929



L.R. Nelson Mfg. Co. Inc.

L.R. Nelson Mfg. Co. Inc. manufactures and sells the "clincher" perfect coupler and the "crown", the "flaring rose", the "bird" and the "lark" sprinklers.

1934



Russell B. Nelson

Russell B. Nelson joins L.R. Nelson Mfg. Co. Inc. and later becomes president, running operations until 1972.

1961



Barton R. Nelson

Barton R. Nelson joins L.R. Nelson Mfg. Co. Inc.

1972



The End of an Era and a New Beginning

On October 18, 1972 L.R. Nelson Mfg. Co. is sold (the company remained in Peoria, IL).

1972



Nelson Irrigation is Born

Nelson Irrigation is incorporated on October 18, 1972. The initial product offering includes 150 & 200 Series Big Guns and 5 models of impacts.

1974



Flow Control Nozzle

The Flow Control Nozzle is invented to compensate for field elevation differences, excessive pipe friction loss, and variations in pump pressure.

1982



Nozzle Valve

What's better than the industry's best pivot end gun? The Original Big Gun® with an integrated valve that has no friction loss, no turbulence and no plugging.

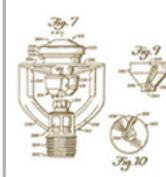
1983



SR Series Big Gun

The SR (Slow Reverse) Series Big Gun Sprinkler offers high-volume irrigation heavy-duty reliability with better performance.

1987



The First Rotator®

The Rotator drive mechanism was conceptualized back in 1981 but it wasn't until 1987 that an irrigation problem precipitated in the engineering, manufacturing and sale of the first Rotator sprinkler.

1991



6" 800 Series Control Valve

Nelson Irrigation began manufacturing high quality valves over 30 years ago to provide efficient water control specifically for agricultural irrigation. Previous to this, farmers were using complicated and expensive valves designed for water utilities and heavy industrial projects.

1995



3000 Series Pivot Products

The modular 3000 Series Pivot Products family, based on the 3TN Nozzle System, debuts.

1997



ACV200 Air Control Valve

The need for better air control prompts the development of the ACV200 Air Control Valve.

1998



PC-S3000 Part-Circle Spinner

The PC-S3000 Part-Circle Spinner helps solve wheel-tracking problems.

1998



R2000WF Rotator

Rotator Technology evolves into many different models and the R2000WF becomes a major game changer set out to obsolete the 1/2" impact sprinkler.

2000



Pivot End Gun Control Valve

The Pivot End Gun Control Valve combo allows for End Gun control without a solenoid.

2000



Mini Regulator Drain Check

The patented Mini Regulator Drain Check provides pressure regulation with a drain check feature in a 1/2" size.

2002



MP Rotator

The specifications for the MP Rotator was actually scratched on a napkin back in 1973. This matched-precipitation sprinkler saves water like never before.

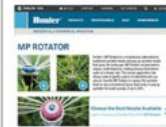
2004



PC-R3000 Rotator

The PC-R3000 Rotator is used to solve wheel-tracking problems and provide end of system coverage.

2007



MP Rotator Turf Sprinkler Business is sold

Nelson Irrigation sells its MP Rotator Turf Sprinkler to Hunter Industries, so it can sharpen its focus on agricultural irrigation.

2010



O3000 Orbitor

Satisfying a need for an offset-axis sprinkler, the O3000 adds features such as a bracketless design for no drift or drool.

2013



R55 End of Pivot Sprinkler

An entirely new end of pivot sprinkler based on Rotator® Technology picks up added acres either through the full rotation or control valves in a programmed sequence.

2013



TWIG® Wireless Control System

The TWIG® system provides a method of automatically cycling through a series of irrigation control valves in a programmed sequence.

2014



1000 Series Valves Released

1000 Series Valves save energy with higher flow capacity and lower friction loss - better than any other valve on the market.

2015



3NV Nozzle System and the 3030 Series Pivot Sprinklers

This innovative, side-inlet, multi-function nozzle allows you to manage your pivot in entirely new ways.

2018



Introducing a Micro-Sprinkler Like No Other

The S7 Spinner is designed to combat rising energy and labor costs in tree & vine markets. It has unique quick-connect, quick-clean features and optional flow control nozzles.

2020



The TWIG® System Gets a Boost

The newest generation consists of a "master controller" that communicates via 900 MHz radio signal with TWIG devices. The TWIG-MC is programmed and operated using a mobile app (iOS or Android), and is controlled via Bluetooth® or internet connection.

2020



All Flo Pressure Regulator

The newest regulator in the industry and winner of the 2020 Irrigation Association New Product Contest introduces maximum flow capacity, accuracy, and plug resistance.

2020



Orbitor FX for Up-Top Applications

The new (10 PSI) Up-Top Orbitor FX has field-proven, off-axis Orbitor technology that provides a random droplet pattern in a compact, low-vibration design. Its engineered plate grooves reduce mist while also fighting the wind.

2021



Introducing the Off-Axis R2000FX Rotator®

The R2000FX combines proven Rotator® Technology with Off-Axis plate motion to deliver low pressure operation with unparalleled radius of throw. Flow control nozzles are standard ensuring whole farm uniformity.

NELSON IRRIGATION

Latest Popular Oldest



Easily Repair Your Nelson Big Gun Drive Arm With Service Kit 9822 - Step-by-step Tutorial
307 views • 3 weeks ago



Equitación Sin Polvo: Soluciones Nelson para Arenas Impecables / SPANISH
95 views • 1 month ago



Équitation Sans Poussière avec Nelson : Maîtrisez la suppression dans les arènes...
22 views • 1 month ago



Dust-Free Riding: Mastering Equestrian Arena Dust Suppression with Nelson's...
43 views • 1 month ago



Staubfreies Reiten: Staubunterdrückung auf dem Reitplatz mit Nelsons Lösungen /...
19 views • 1 month ago



Nelson Big Gun® SR200: Unrivaled Quality and Performance in Large-Volume...
1.7K views • 1 month ago



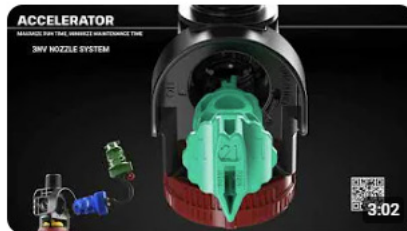
Nelson Irrigation R3030 Rotators: Elevating Irrigation Efficiency with Advanced Features
283 views • 2 months ago



Nelson Irrigation Arc Timer - Efficient Watering Made Simple
226 views • 2 months ago



RotatorFX by Nelson Irrigation: Unmatched Performance in Low-Pressure Irrigation
376 views • 2 months ago



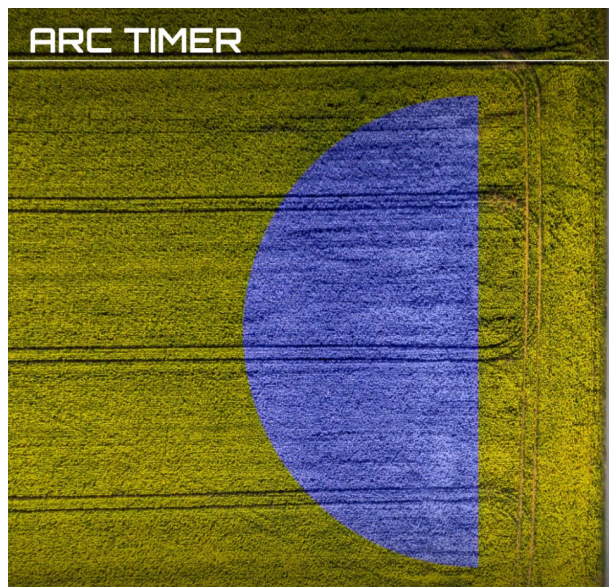
Nelson A3030: Revolutionize Your Irrigation Game With A Nelson Center Pivot Sprinkler!
322 views • 3 months ago



Orchard Irrigation Tune-Up Tips | Nelson Irrigation Guide
274 views • 4 months ago



Nelson O3030 Orbitor: Innovative Center Pivot Sprinkler for Efficient Irrigation
616 views • 5 months ago



VIDEO SPOTLIGHT: NEW RELEASES

We're thrilled to announce the release of our latest series of instructional videos, now available for viewing. These videos cover a range of topics, from product demonstrations and installation guides to troubleshooting tips and best practices. Designed to provide valuable insights and support to our customers, these videos are a convenient resource for both seasoned professionals and newcomers to the world of irrigation.

Whether you're looking to optimize your system's performance or explore the features of our newest products, our video library is here to help you every step of the way.

Check them out today on our website or YouTube channel and unlock the full potential of your irrigation solutions.

Follow on YouTube for new releases!
[Nelson Irrigation YouTube](#)



With roots in irrigation for over 100 years,
we have been obsessive in our mission to
serve our customers with state-of-the-art
water application solutions.

848 AIRPORT ROAD
WALLA WALLA, WA 99362
UNITED STATES