

SERIES 10

SINGLE CONTAINER
AND PALLET FILLING STATIONS



RICE LAKE WEIGHING SYSTEMS

Commitment Beyond Measurement™

Combining Innovation with Technology and Quality



Working Together To Exceed Your Expectations

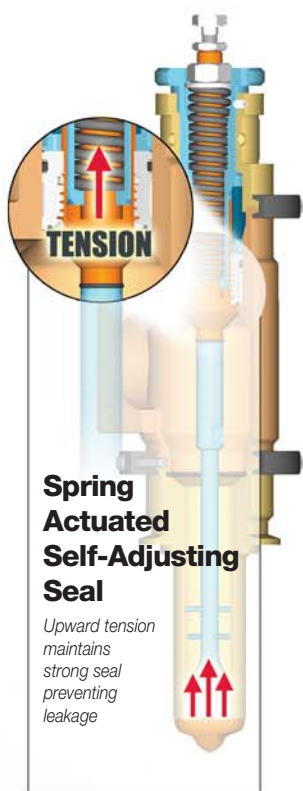
Since 1972, Feige Filling Technology has been the world-leader in the development of leading-edge filling solutions to companies around the globe. Rice Lake Weighing Systems is internationally known as a leading manufacturer of weighing platforms and intelligent controllers. Together, Rice Lake and Feige bring you Feige's world-renowned Series 10 single container, single drum, and pallet filling stations available exclusively through Rice Lake Weighing Systems. With Feige's proven filling equipment driven by Rice Lake's intelligent technology and robust weighing platforms, the Series 10 filling stations give you the ability to fill a variety of containers with speed and accuracy that has never before been available in the United States—until now.



RICE LAKE WEIGHING SYSTEMS
Commitment Beyond Measurement™

Accurate, Fast, Flexible Filling Stations

Unique filling applications require specific filling equipment. Series 10 filling stations accommodate single container filling, single drum filling and pallet filling. Intelligent Human Machine Interface (HMI) provides easy-to-follow graphics and prompts to guide operators through every step of the filling process, making the fill application virtually error-proof. Specifically designed as a non-proprietary solution, each filling station easily integrates into existing networks and communicates with printers, PCs, scanners and other peripheral equipment.



Changing the Way You Fill

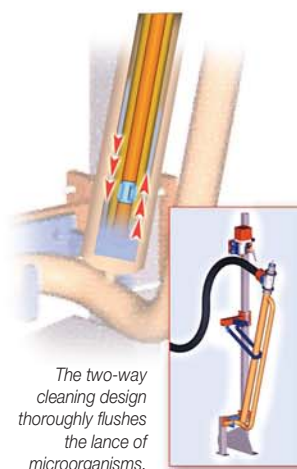
The exchangeable valve assembly, available exclusively on Feige products, makes each Series 10 filling station the ultimate for high-speed filling. Designed as a "control valve," it requires very little maintenance. The valve's fail-safe spring return coupled with the intrinsically safe, internally lubricated lifting cylinder make Series 10 stations safe to operate in any environment.

Streamlining Your Process

The complete filling valve assembly weighs under 25 pounds, allowing operators to perform a product change-over in just minutes. When additional valve assemblies are stored in a Feige cleaning rack, valves are always immediately ready for use.

Taking Clean to the Extreme

Due to its self-adjusting seal, the filling valve is leak-proof and never needs re-adjusting during its life cycle. Because of its aseptic design, every valve is totally free of disease-causing microorganisms. Series 10 filling stations are the ideal solution for any industry where potential contamination is not tolerated. This exchangeable valve assembly will completely change the way you fill.



Giving You Ultimate Control

The 920i is Rice Lake's signature HMI digital weight indicator controller and is incorporated into all Series 10 filling stations. Its robust processing power provides ultimate control for fast, accurate filling. Designed for ease-of-use, the 920i combines performance-driven circuitry and intuitive features to give you virtually unlimited power while maintaining user-friendly operation. With up to 14MB of optional memory, the 920i gives you the power to manage critical upstream and downstream information specific to your filling needs.



The 920i features a large display screen, configured with icons, prompts, messages, soft keys, and selectable character sizes.

Choose Your Model

Series 10 filling stations accommodate single container filling, single drum filling and pallet filling. With simple "plug and fill" operation, filling is efficient and easy, requiring minimal operator training.

SERIES 10 Single Container and Pallet Filling Stations

Single Container type 14

CONTAINER FILLER
Output rate: 130/hr
Container height: 4-27"
(100-700 mm)

Manually position container
Automatic fill

Single Drum type 19

DRUM FILLER
Output rate: 60/hr
Container height: 16-39"
(400-1000 mm)

Manually position drum
Automatic fill

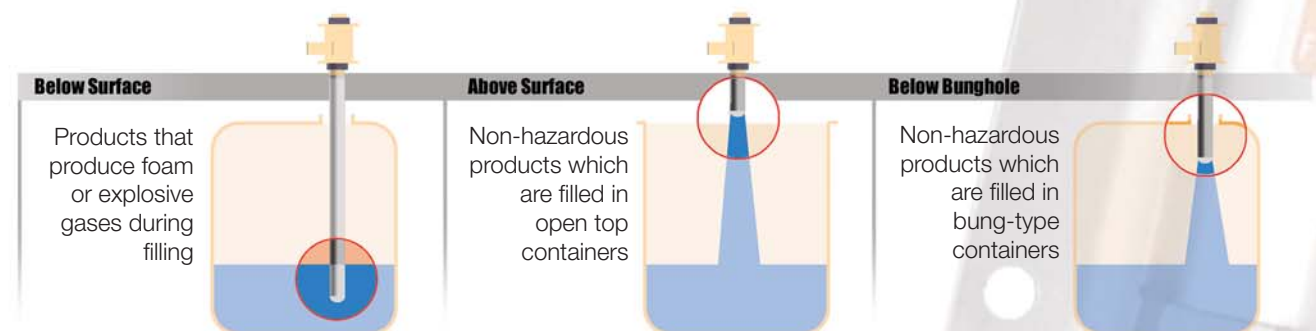
Pallet type 16

PALLET FILLER
Output rate: 60/hr
Container height: 24-55"
(600-1400 mm)

Manually position filling valve to drum bunghole.
Filling is automatic

Filling Modes

Select from three available filling modes to safely accommodate any hazardous or non-hazardous product.



low viscosity lubricants cooking oils industrial oils adhesives enzymes paints high viscosity

SERIES 10

Single Container and Pallet
Filling Stations

Standard Features

- Electro-pneumatic control mounted at the filling station
- Self-optimizing filling program
- Printer/EDP interface
- Below surface filling (for foaming and fuming products)
- Above surface filling (for non-hazardous, non-foaming products)
- Removable lance allows continued operation during cleaning process
- Two stage, linear actuated valve
 - Fail-safe spring return filling
 - Aseptic, drip proof
- Self-adjusting PTFE (Teflon®) valve seal
- Pneumatic linear drive lance eliminates grease slinging jack screw
- Intrinsically safe, internally lubricated lance assembly
- Empty drums and containers are manually positioned at the filling unit
- Automatic filling
- 920i based control system
- Hydrostatically balanced valve so its closing function is independent of pressure
- Fill small containers and drums up to 60 kg (Type 14 only)
- Manually position filling valve to empty containers arranged on a pallet or a tote bin (Type 16 only)

Options/Accessories

- Pneumatic valve positioner for products with various viscosity ranges
- Pneumatic drip scoop
- Gas hood
- Hazardous area protection
- Interlocking "smart" grounding clamp; "No ground - No fill" for steel containers; for use in hazardous areas
- Optical overflow sensor
- Nitrogen purging system
- Remote cleaning funnel for filling valves
- Filling valves in Teflon®, Hastelloy®, titanium or nickel
- Data logging / label printing
- Automatic bunghole locator (vision based)
- Teach-in system via joystick, or fill by template for drums/containers arranged on a pallet for automatic filling from one container to the next
- Automatic opening and closing of drums
- Automatic infeed and outfeed conveyor systems
- Infeed and outfeed storage systems
- Palletizing
- RFID drum location system



For over 50 years, Rice Lake Weighing Systems has been a technological leader in the weighing industry. We are driven to take weighing solutions to a new level. To do this effectively, we have created a variety of open-architected products that incorporate leading-edge technology. We are also developing partnerships with leading manufacturers, like Feige, to deliver the latest emerging technologies. These relationships help us give you the most comprehensive line of offerings available anywhere.



www.rlws.com

Visit www.rlws.com/feige_info.html to learn more about the Series 10 fillers or download a questionnaire to find out which Feige filling system is best for your application.

Your Rice Lake Weighing Systems distributor is:

RICE LAKE WEIGHING SYSTEMS
Commitment Beyond Measurement™



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