



INDUSTRIAL INNOVATIONS™

Manufacturers of... **SPRA-RITE™** and **Advance™**
automation



PRO-MIX™ I MS

Proportional Mixing Systems

Lubricant and Coolant Mixing

The NEW Pro-Mix I, individual proportioning system from Industrial Innovations, ensures stable, homogenous lubricant mixtures with adjustable ratios of 3:1 to 20:1 (other ratios available depending on requirement). Utilizing a stainless steel positive displacement proportioning pump, provides accurate, repeatable ratios and exceptional longevity. Designed as an individual proportioner, our 30 GPM pump is capable of supporting multiple machines, running the same dilution ratio.

PRO-MIX™ I MS Features:

- 30 - Gallon Stainless Steel Storage Reservoir with cover mounted.
- Portable base with wheels.
- IFM Effector Liquid Level sensor to turn the mixing system on and off for the purpose of refilling.
- Husky Graco 30 GPM Air Diaphragm Pump with Pulse Dampening Accumulator for distribution.
- Lubricant Mixing Pump Capable of 3:1 to 20:1 Dilution Ratio.
- Parker Water Refill Valve for Automatic Water Shut Off and Refilling.
- Low Level Audible Alarm Light.
- 120 Volt System Power.
- Air Mixing Motor with Propellor.





INDUSTRIAL INNOVATIONS™

Manufacturers of... **SPRA-RITE™** and **Advance™**
automation



PRO-MIX™ V

Proportional Mixing Systems

Accurately Mixes ONE Lube Compound to TWO Different Mix Ratios

PRO-MIX V Dual die lubricant mixing system used to thoroughly mix with water, ONE different commercially available die lubricant, to the mixture ratio selected by the user, and to monitor and control the critical process variables.



PRO-MIX™ V Dual System Components

Two Stainless Steel Liquid Reservoirs (Water and One Lube Concentrates) used to stabilize the liquids prior to mixing. Support systems of the reservoirs include: Automatic Liquid Refill Systems (Motor / Pump / Valve Assembly).

Fluid Level Supervisory System Fluid level monitors located within the system reservoirs continuously monitor the level of the three liquids. These monitors are used to refill the reservoirs on demand, and to discontinue the machine's service if a dangerous low material level develops during the systems operation.

- DRIVE Assembly used to thoroughly mix, control, and pressurize.
- Mixture Ratio Display that displays both mixtures being produced.
- Mixed Material Distribution System used to distribute the mixed material.
- LOCKABLE Ratio Adjustment Control.
- Electrical and Electronic Package used for system control and process monitoring.
- System ALARM and Diagnostic Indicators.
- Lubricant Tote Rack.





INDUSTRIAL INNOVATIONS™

Manufacturers of... **SPRA-RITE™** and **Advance™**
automation



PRO-MIX™ V DUAL

Proportional Mixing Systems

Accurately Mixes ONE Lube Compound to TWO Different Mix Ratios

PRO-MIX V Dual die lubricant mixing system used to thoroughly mix with water, ONE different commercially available die lubricant, to the mixture ratio selected by the user, and to monitor and control the critical process variables.



PRO-MIX™ V Dual System Components

Two Stainless Steel Liquid Reservoirs (Water and One Lube Concentrates) used to stabilize the liquids prior to mixing. Support systems of the reservoirs include: Automatic Liquid Refill Systems (Motor / Pump / Valve Assembly).

Fluid Level Supervisory System Fluid level monitors located within the system reservoirs continuously monitor the level of the three liquids. These monitors are used to refill the reservoirs on demand, and to discontinue the machine's service if a dangerous low material level develops during the systems operation.

- DRIVE Assembly used to thoroughly mix, control, and pressurize.
- Mixture Ratio Display that displays both mixtures being produced.
- Mixed Material Distribution System used to distribute the mixed material.
- LOCKABLE Ratio Adjustment Control.
- Electrical and Electronic Package used for system control and process monitoring.
- System ALARM and Diagnostic Indicators.
- Lubricant Tote Rack.





INDUSTRIAL INNOVATIONS™

Manufacturers of... **SPRA-RITE™** and **Advance™**
automation



PRO-MIX™ V DOUBLE Proportional Mixing Systems

**Accurately Mixes TWO
DIFFERENT Lube
Compounds to ONE
Mix ratio each**

PRO-MIX V Double die lubricant mixing system used to thoroughly mix with water, TWO different commercially available die lubricants, to the mixture ratio selected by the user, and to monitor and control the critical process variables.



PRO-MIX™ V Double System Components

Triple Stainless Steel Liquid Reservoirs (Water and Two Lube Concentrates) used to stabilize the liquids prior to mixing. Support systems of the reservoirs include: Automatic Liquid Refill Systems (Motor / Pump / Valve Assembly).

Fluid Level Supervisory System Fluid level monitors located within the system reservoirs continuously monitor the level of the three liquids. These monitors are used to refill the reservoirs on demand, and to discontinue the machine's service if a dangerous low material level develops during the systems operation.

- DRIVE Assembly used to thoroughly mix, control, and pressurize.
- Mixture Ratio Display that displays both mixtures being produced.
- Mixed Material Distribution System used to distribute the mixed material.
- LOCKABLE Ratio Adjustment Control.
- Electrical and Electronic Package used for system control and process monitoring.
- System ALARM and Diagnostic Indicators.
- Lubricant Tote Rack.





INDUSTRIAL INNOVATIONS™

Manufacturers of... **SPRA-RITE™** and **Advance™**
automation

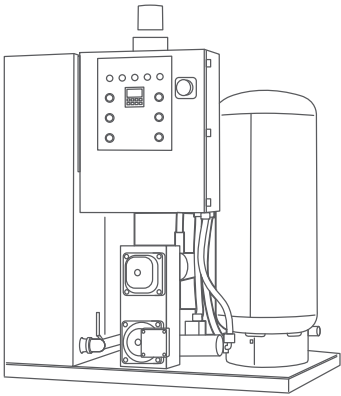


PRO-MIX™ Proportional Mixing Systems

System	Output Capacity	Number of Lube Outputs	Number of Ratios Out	Fill Type	Dimensions (H" x W" x D")
PRO-MIX I MS	50 gph	1	1	Gravity Fed	62 x 19 x 26
PRO-MIX II	40 gph	1	1	Gravity Fed	40 x 40 x 24
PRO-MIX III	100 gph	1	1	Gravity Fed	50 x 48 x 30
PRO-MIX V	250 gph	1	1	Pump Fed	69 x 48 x 48
PRO-MIX V DUAL	500 gph	2	2	Pump Fed	69 x 96 x 48
PRO-MIX V DOUBLE	500 gph	2	2	Pump Fed	69 x 96 x 48
PRO-MIX V TRIPLE	750 gph	3	3	Pump Fed	69 x 96 x 48



ADDITIONAL SYSTEM OFFERINGS



Proportional Mixing Stations

Compact, gravity-fed mixing station for smaller facilities.

PRO-MIX I - Dosatron Mixing System

- Output capacity: 50 gpm

PRO-MIX II

- Output capacity: 40 gpm

PRO-MIX III

- Output capacity: 100 gpm

PRO-MIX V

- Output capacity: 250 gpm

PRO-MIX V Dual

- Output capacity: 500 gpm

PRO-MIX V Double

- Output capacity: 500 gpm

PRO-MIX V Triple

- Output capacity: 750 gpm

SPRA-RITE Application Systems

High Pressure Pedestal

- For thick, emulsified lubricants and rich dilution.

Low Pressure Pedestal

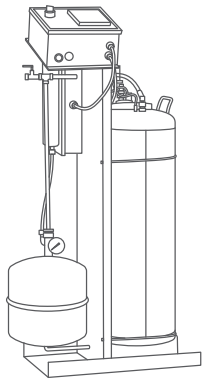
- For application of a wide variety of lubricants.

Alpha

- Effective turnkey lube application solution suited for smaller pressrooms.

Ultra-Lube

- For atomizing of highly viscous lubricants into ultra-fine spray.



COMPONENTS

Manifolds

- 2, 4, 6, 8, 10 injectors
- Quick Change Die manifolds offer “one-click” disconnect and connect of multiple hoses to die

Alpha Controls

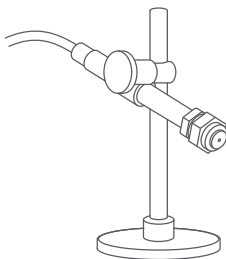
- Independent control of up to 6 injectors for volume and stroke

Beta Controls

- Independent control of up to 48 injectors for lubricant volume, stroke count, time delay
- 200 pattern spray profiles
- Automatic or manual control

Nozzles

- Patented SPRA-RITE HP or Ultra-Fine
- 99.5% drip-free



Reclaim-PRO Purification and Recycling Units

Coolant purification systems separate oil from water, helping reduce lubrication requirements by as much as 70% while also decreasing machine downtime. In four different sizes.

MSR 5

- Output capacity: 0.3 to 0.7 gpm

MSR 11

- Output capacity: 0.6 to 1 gpm

MSR 22

- Output capacity: 2.4 to 4 gpm

MSR 33

- Output capacity: 5 to 10 gpm

