



WATER-POWERED CHEMICAL METERING PUMPS FOR



Metal Processing



DOSATRON®

An Ingersoll Rand Business

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Here's How It Works

Dosatron chemical metering pumps compensate for flow and pressure changes providing consistent, repeatable results and because they are water-powered there is no need for electricity.

Dosatrons are the perfect, chemical metering pumps for metal processing applications. They are simple to use and easy to adjust, allowing for flexible dosage rates. And they are easy to maintain, saving you time and effort!

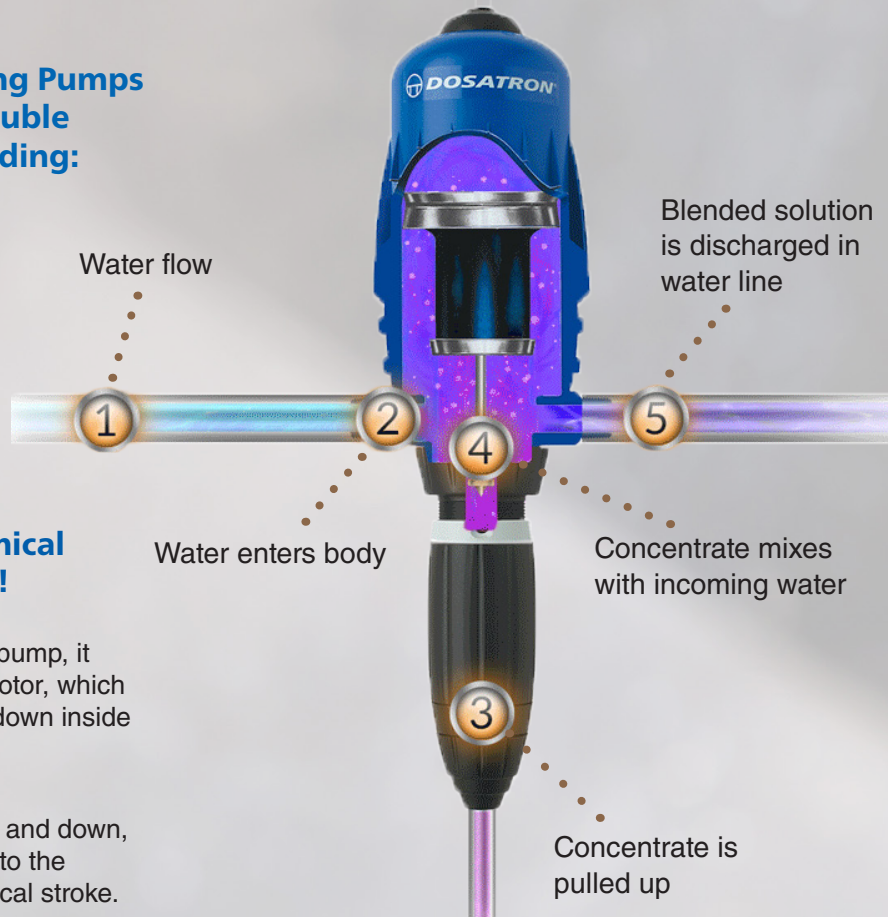
Dosatron Chemical Metering Pumps Accurately Inject Water Soluble Metal Working Fluids Including:

- Coolants
- Detergents/Cleaners
- Vibratory Compounds
- Die Lube
- Rust Inhibitors

Mixing the water and chemical mixture is as easy as 1, 2, 3!

- 1** When water enters the pump, it triggers the hydraulic motor, which begins moving up and down inside the body of the pump.
- 2** As the piston moves up and down, the plunger, connected to the bottom, cycles in a vertical stroke.
- 3** In both the up and down stroke, your chemical concentrate is dosed into the moving water stream providing a consistent and repeatable solution.

- Simple to use
- Easy to adjust allowing for flexible dosage rates
- Easy to maintain saving you time and effort







Scan the QR code
to see how it works



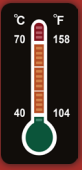



Recommended Metering Pumps

Dosatrons are a perfect fit for coolants, rust inhibitors, and detergents/cleaners. Dosatron, with its proportioning principle, allows you to closely control the amount of fluid being used, so none is wasted.





The water-powered Dosatron uses no electricity to operate, so no external power source is required while cutting your energy costs. And coolant concentrations are easily adjusted, by turning the injector stem up or down to align the index arrows with the desired concentration.

DOSATRON CHEMICAL METERING PUMPS				
MODEL	D14MZ2	D14MZ5	D14MZ10	D14MZ520
FLOW RANGE	0.05 - 14 GPM	0.05 - 14 GPM	0.05 - 14 GPM	0.05 - 9 GPM
DILUTION RANGE	1:500 - 1:50	1:200 - 1:20	1:100 - 1:10	1:20 - 1:5
DILUTION PERCENTAGE	0.2% - 2%	0.5% - 5%	1% - 10%	5% - 20%
PRESSURE RANGE	4.3 - 85 PSI	4.3 - 85 PSI	7 - 85 PSI	7 - 57 PSI
CONNECTIONS	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
RECOMMENDED INSTALLATION KIT	IPK34-14GPM	IPK34-14GPM	IPK34-14GPM	IPK34-9GPM

All units include: mounting bracket, suction hose, weighted stainer, and quick start guide. Maximum temperature: 104°F.

 HOT-WATER CHEMICAL METERING PUMPS			
MODEL	D14TMZ5	D14TMZ10	D14TMZ3000
DILUTION RANGE	1:200 - 1:20	1:100 - 1:10	1:3000 - 1:333
PRESSURE RANGE	4.3 - 85 PSI	7 - 85 PSI	4.3 - 85 PSI
TEMPERATURE	158 °F (70 °C)	158 °F (70 °C)	158 °F (70 °C)
RECOMMENDED ACCESSORY KIT	IPK34-14GPM- WHA-HTEMP	IPK34-14GPM- WHA-HTEMP	IPK34-14GPM- WHA-HTEMP

All units include: mounting bracket, suction hose, weighted stainer, and quick start guide. Maximum temperature: 158 °F (70 °C).

DOSATRON CHEMICAL METERING PUMPS				
MODEL	D40MZ2	D40MZ5	D07RE125	D07RE5
FLOW RANGE	2.2 - 40 GPM	2.2 - 40 GPM	0.02 - 3 GPM	0.02 - 3 GPM
DILUTION RANGE	1:500 - 1:50	1:100 - 1:20	1:667 - 1:80	1:128 - 1:18
DILUTION PERCENTAGE	0.2% - 2%	1% - 5%	0.15% - 1.25%	0.8% - 5.5%
PRESSURE RANGE	4.3 - 116 PSI	7.2 - 116 PSI	4.3 - 85 PSI	4.3 - 85 PSI
CONNECTIONS	1 1/2" NPT	1 1/2" NPT	3/4" NPT	3/4" NPT
RECOMMENDED INSTALLATION KIT	N/A	N/A	IPK34-3GPM	IPK34-3GPM

All units include: mounting bracket, suction hose, weighted stainer, and quick start guide.
Maximum temperature: 104°F

Recommended Industrial Plumbing Kit (IPK) Installation for Regular Dosatron Chemical Metering Pumps (Not for use with hot water units).



Note: Dosatron units sold separately.

1-800-523-8499 • 1-727-443-5404

Systems

Coolant Mixing Systems

Dosatron's Coolant Mixing Systems are the answer to your coolant management needs. Whether it's a Cabinet, Panel, Industrial Plumbing Kit (IPK), or a Mobile Coolant Fill System.

They are easy to install and require NO external power source. Simply connect your water supply line driven by city water, RO, or DI water, and drop the concentrate suction hose into your barrel or tote.

Pre-Plumbed Panels and Locking Cabinets



Part #: SC2A150

Coolant Mixing Cabinet with Accessory Hose Kit

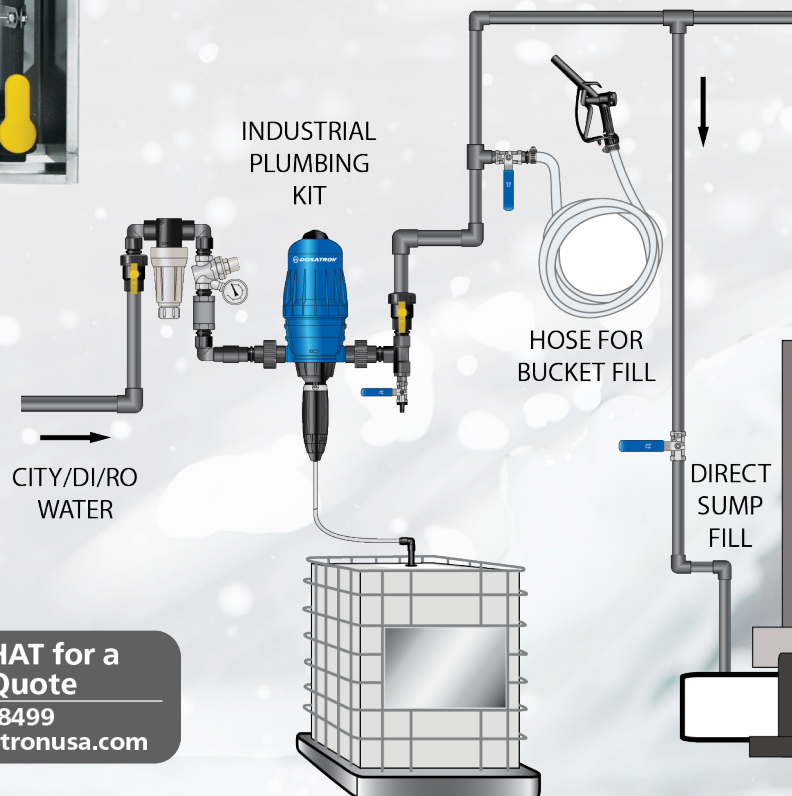
- 1 Dosatron Proportioner unit
- Filter
- Pressure Regulator with Gauge
- Flow Restrictor
- Check Valve
- Water Hammer Arrestor



Part #: HOSEKITGUN34

Coolant Mixing Station Fill Accessory Kit

- Poly gas nozzle
- 15' mixed coolant discharge hose
- Barb (2)
- Hose clamp (2)



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www.dosatronusa.com

Mobile Coolant Fill System



Part #: 1 HS25 / 1 HSPK25COOLKIT / 1 D14MZ10VVFII
 Dosatron chemical metering pump, hook up kit and
 25-gallon cart sold separately.

Dosatron's New Mobile Coolant Fill System includes a durable, roto-molded 25-gallon coolant concentrate tank, featuring an onboard Dosatron water-powered metering pump, a simple garden hose water connection swivel, "no flat" tires, an EZ fill, gas nozzle style valve, with fill hose.



Hook-Up Kit
 Part #: HSPK25COOLKIT

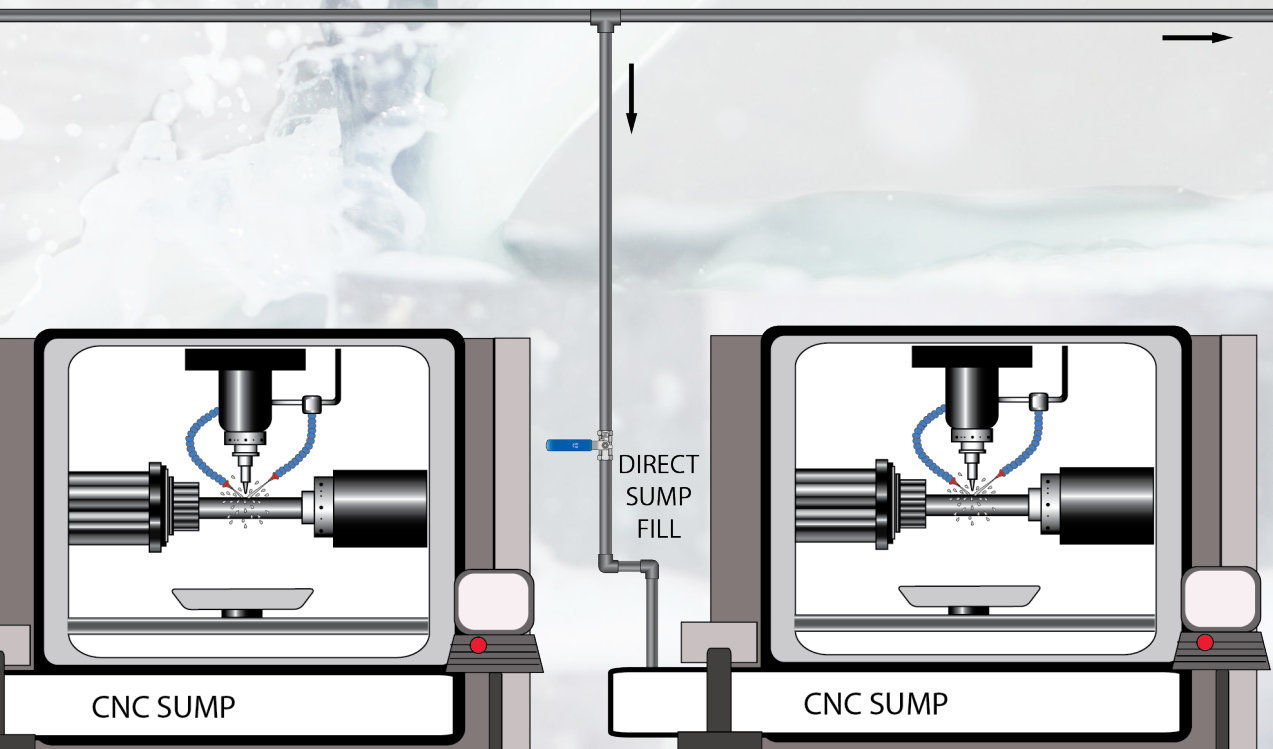
Dosatron and cart
 sold separately

The system conveniently allows the user to add and adjust coolant concentrations as needed. Mixed coolant is dispensed directly into the machine sump eliminating sloppy bucket filling, spills, slip hazards and back injuries from lifting heavy pails. No more spilled coolant creating a slip hazard!

Great for:

- Coolants
- Detergents and Cleaners
- Floor Scrubber Fill

Multiple Machine Central System Installation



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Systems

Parts Washing Detergent/RP Dispensing System

Make your parts washing installation easy with Dosatron's custom panel and cabinet installations. Our pre-plumbed systems make installation and maintenance simple. They include all the necessary accessories, providing the convenience of a pre-plumbed, secured system.

You can choose from our panel systems or our locking stainless steel cabinets. The locking cabinets aid in keeping unauthorized personnel from disturbing your chemical management system.

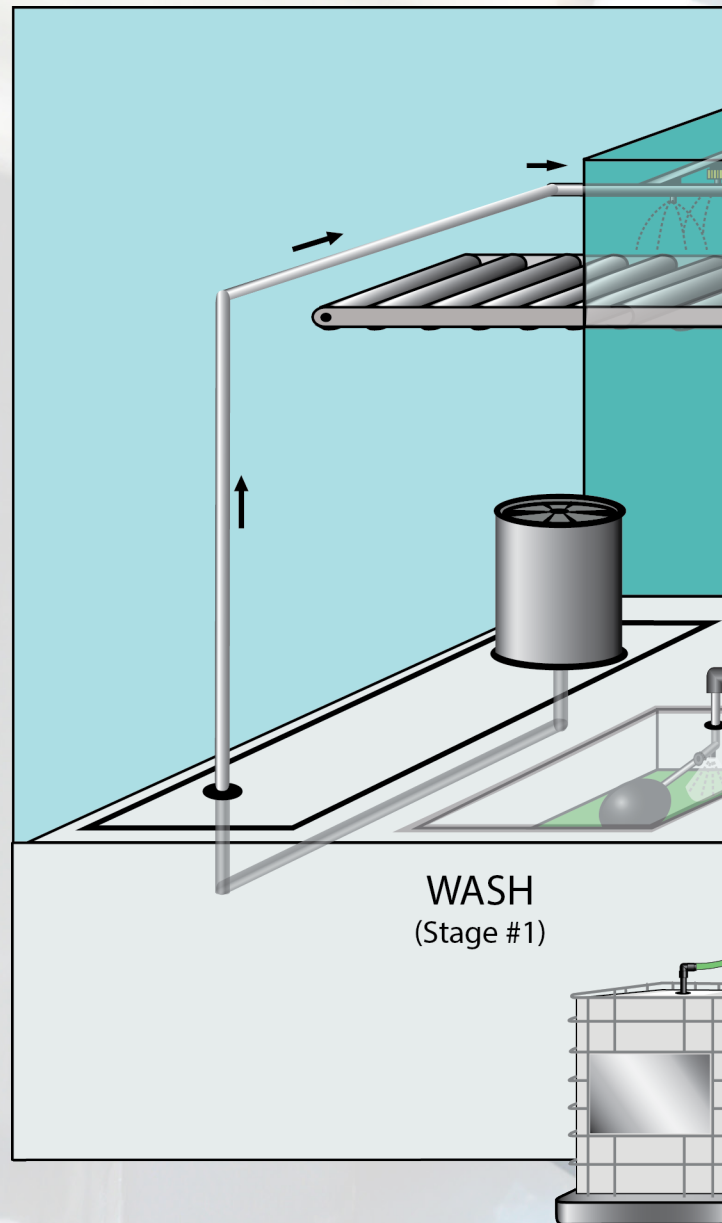


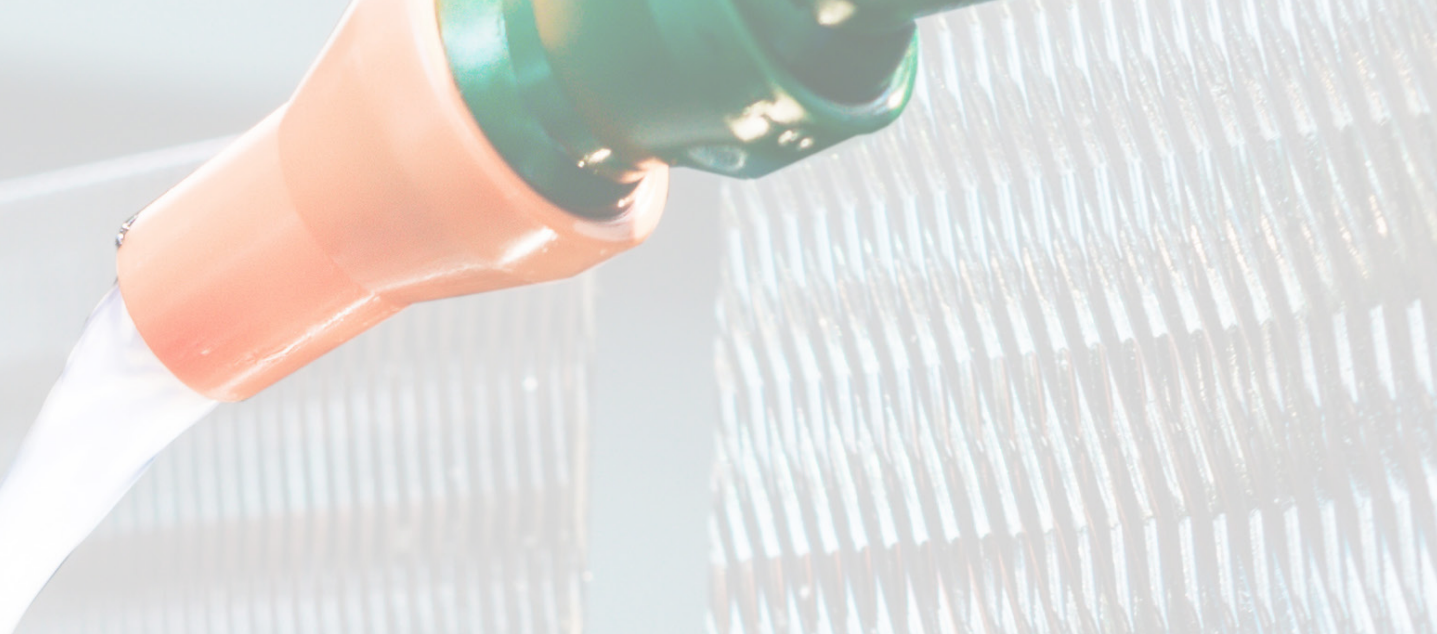
Part #: PS6A130

Detergent Dispensing System

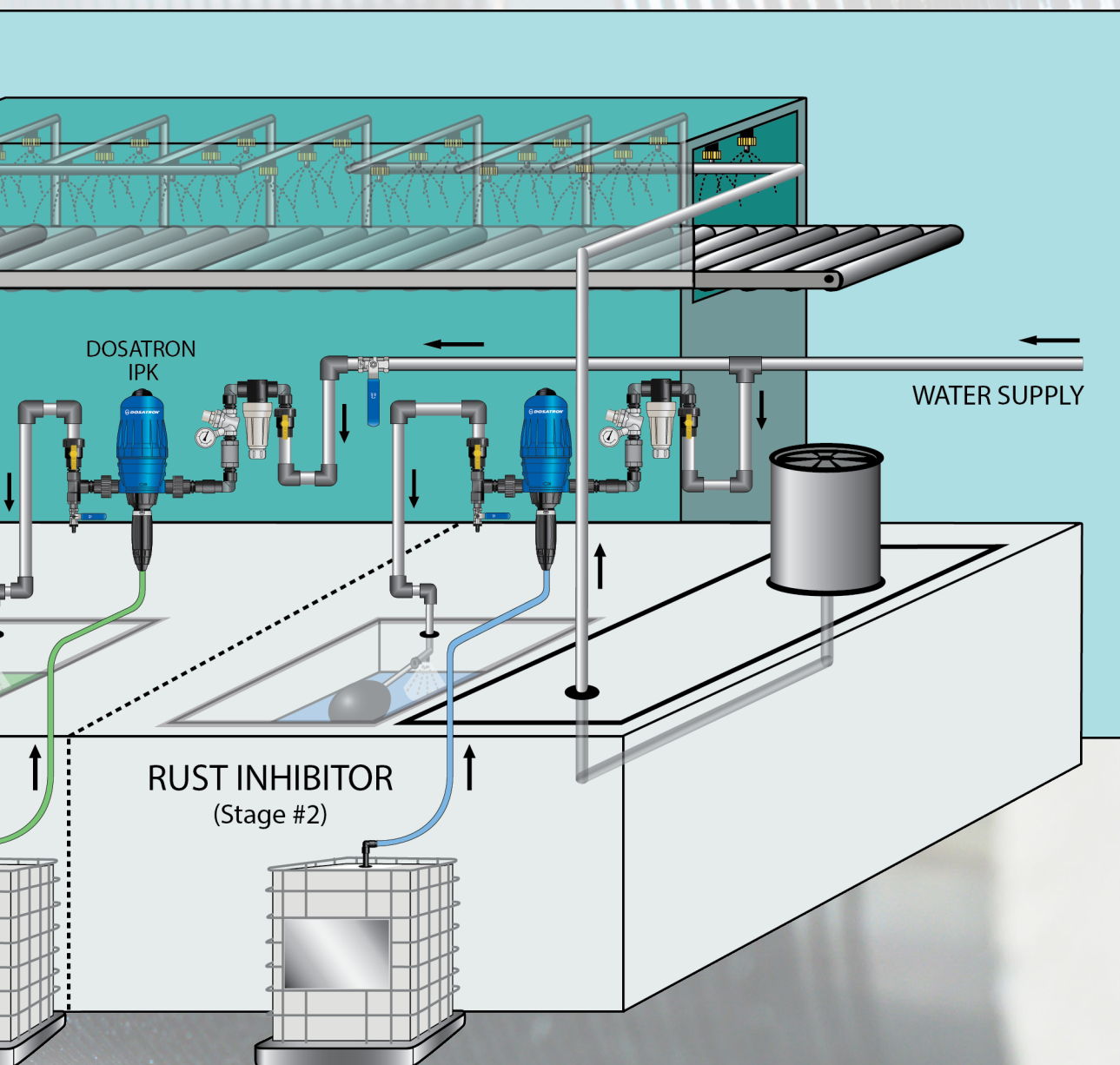
- Dosatron D14MZ2 or D14MZ5
- Filter
- Pressure Regulator with Gauge
- Flow Restrictor
- Check Valve
- Ball Valves

Parts Washer Chemical Make-Up - Provides





Automatic Concentration Control of Cleaner/RP in the Wash and Rinse Stage



Systems

Vibratory Compound Dispensing System

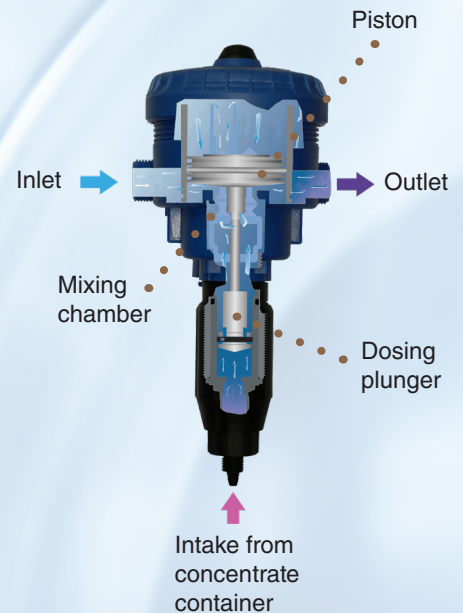
Dosatron's Vibratory Compound Dispensing System is the perfect solution for vibratory finishing.



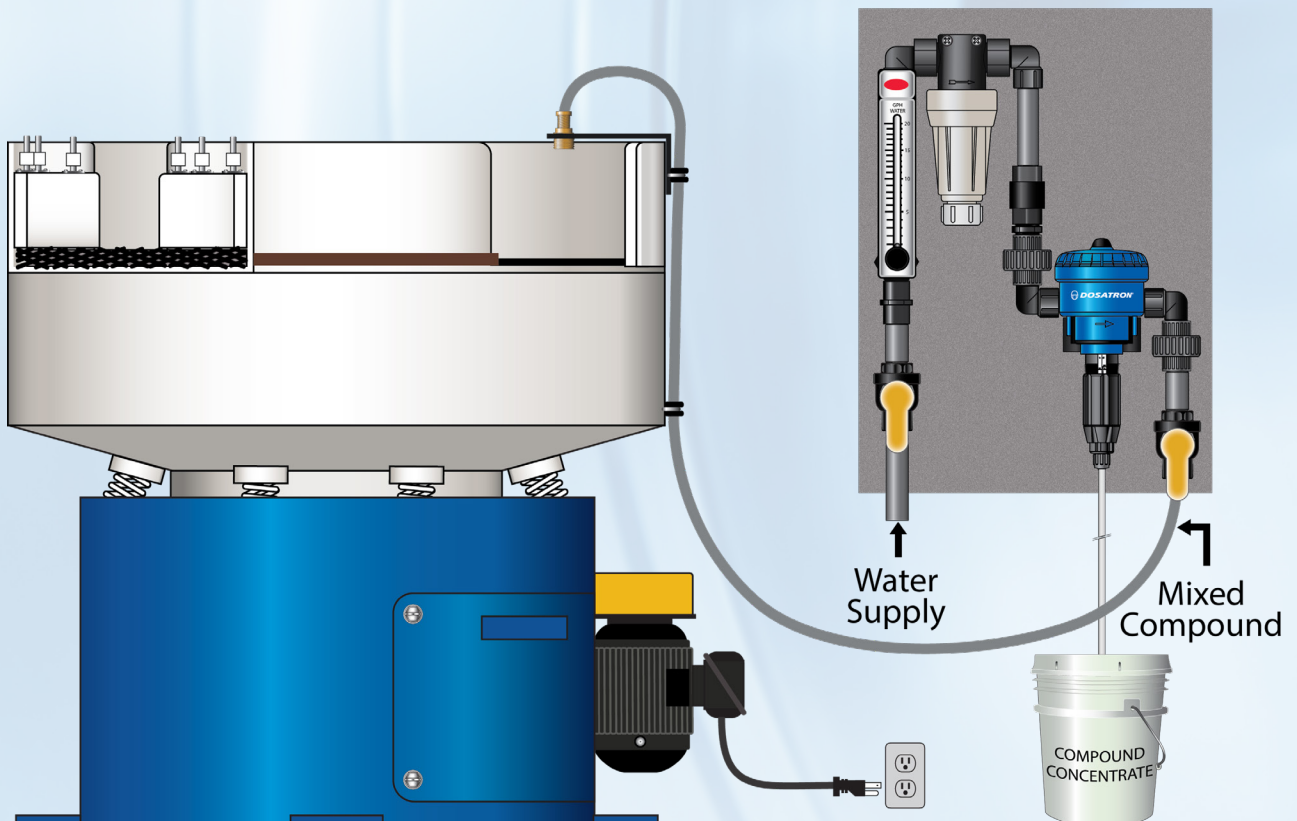
Part #: PS6VB126

Vibratory Panel

- 1 Dosatron Proportioner unit
- Adjustable Flow Meter
- Filter
- Check Valve



Typical Vibratory installation



Systems

Floor Scrubbing Fill Station Panel

If your floor costs are going through the roof, then Dosatron's pre-plumbed Floor Scrubbing Fill Station is the answer. The Floor Scrubbing Fill Station panel is designed for easy set up and will perfectly mix your chemicals without waste.

Dosatron's Floor Scrubbing Fill Station is:

- Easy to install, just mount the panel and connect a water line to the inlet
- Easy to adjust to the desired dilution rate
- Easy to use, grab the gas nozzle and fill the scrubber
- Time and money saving, fast filling saves labor costs
- Versatile with a variety of flow ranges from 14 GPM to 40 GPM



Part #: PS6A130FS

Floor Scrubbing Panel with Hose Kit

- 1 Dosatron Proportioner
- Filter
- Check Valve
- Gas Nozzle Fill Assembly

Typical Floor Scrubbing Units



Part #: D14MZ2



Part #: D40MZ2



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Accessories

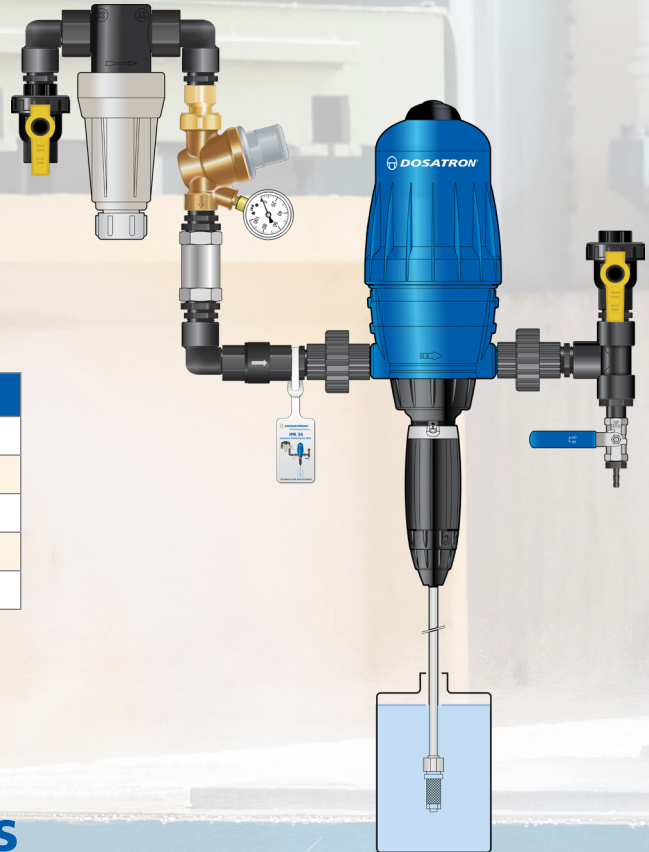
Dosatron Industrial Plumbing Kit (IPK)

Make your installation easy with Dosatron's Pump Protection Kits. They are the suggested, all-in-one installation kit for metal processing.

Scan the QR code for more information on Metal Processing.



Description	Part #
3 GPM IPK	IPK34-3GPM
7 GPM IPK	IPK34-7GPM
9 GPM IPK	IPK34-9GPM
10 GPM IPK	IPK34-10GPM
14 GPM IPK	IPK34-14GPM



Hot-Water Dosatrons Industrial Plumbing Kit

Part #:
IPK34-14GPM-WHA-HTEMP

Note: Dosatron units sold separately.



Accessories

ChemSticks

Designed to be used with either a barrel or tote and easily connects to existing pick-up tubes. Includes: 4 polypropylene hose barbs (1/4", 3/8", 1/2", 3/4"), foot spacer, check valve, adjustable stopper, and hastelloy strainer.

Features:

- Chemical and acid resistant
- Polypropylene construction with Viton seals
- Rigid pipe to overcome common problems with flexible tubing
- Stops debris from entering the chemical container with the bung adapter (barrel) or cover plate (tote)

Tote Plate Cover

Bung Adapter for Barrel

Part #:
CSP48 (48" long)
CSP54 (54" long)

Part #:
CS33 (33" long)
CS48 (48" long)
CS54 (54" long)

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Accessories

Dosa-Lock

An easy-to-install lock out device that protects unauthorized access to your injector and fits most Dosatron units.

Benefits:

- Secures your setting
- Tamper resistant
- Controls chemical costs
- Made of high impact strength polypropylene
- Resistant to most chemicals

Note: Dosatron units sold separately.



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Part #: DOSA-LOCK

Connect



1-800-523-8499

Give us a call and we will be glad to answer any of your questions or take your order.



CHAT

It's easy to CHAT at www.dosatronusa.com. Just enter your question and we will be glad to assist.

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