

METAL PROCESSING

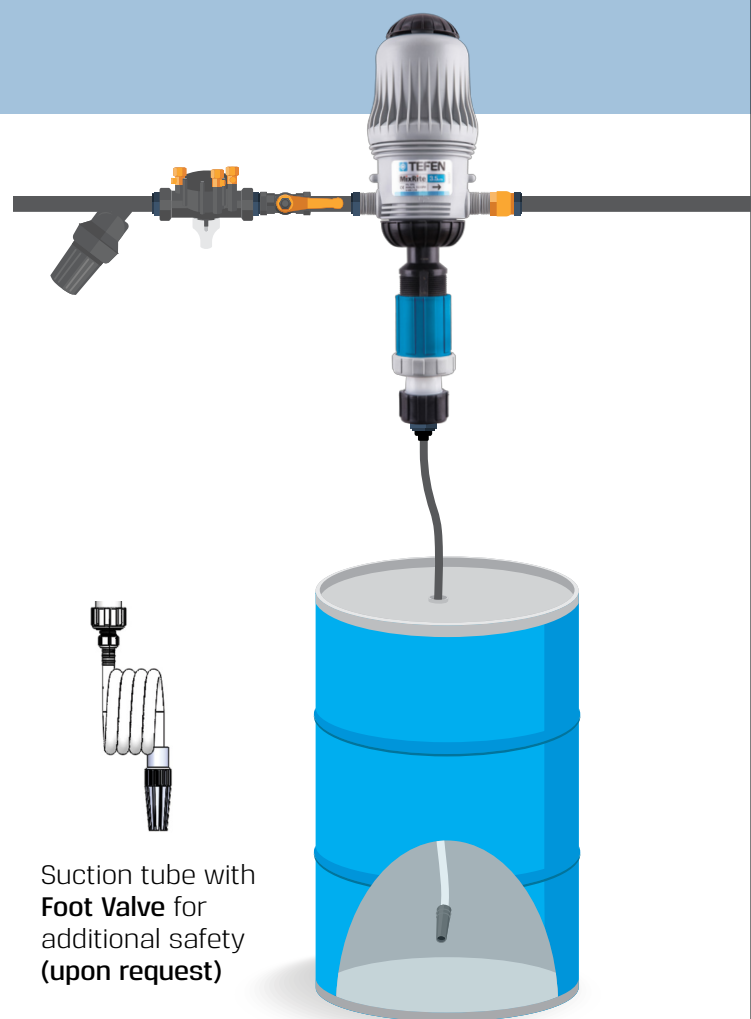
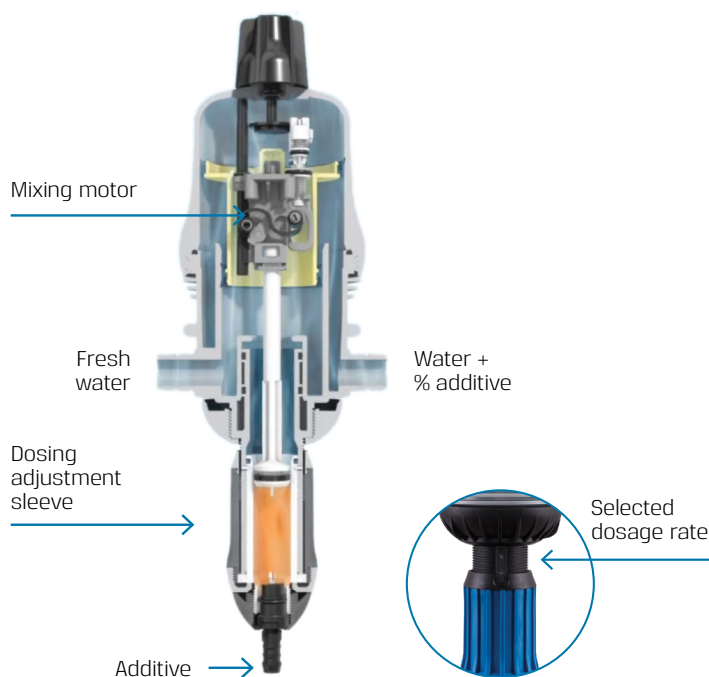
SOLUTIONS

MixRite



MixRite Advantages

- Hydraulic, volumetric and non-electric.
- Dosing proportional to water flow rate.
- Excellent dosing repeatability and homogeneity.
- Easy dosing adjustment.
- Easy to install, operate and maintain.



Installation Recommendations

Please follow these guidelines to prevent water contamination from the injection system:

- Stop valve or non return valve must be installed.
- 130-micron filter (120 mesh) up-stream filter must be installed.
- The pump must be placed above the container of the dosing product.
- In cases of bypass installation, air release method must be applied.

Applications



Part degreasing
and cleaning



Coolants



Surface
treatment



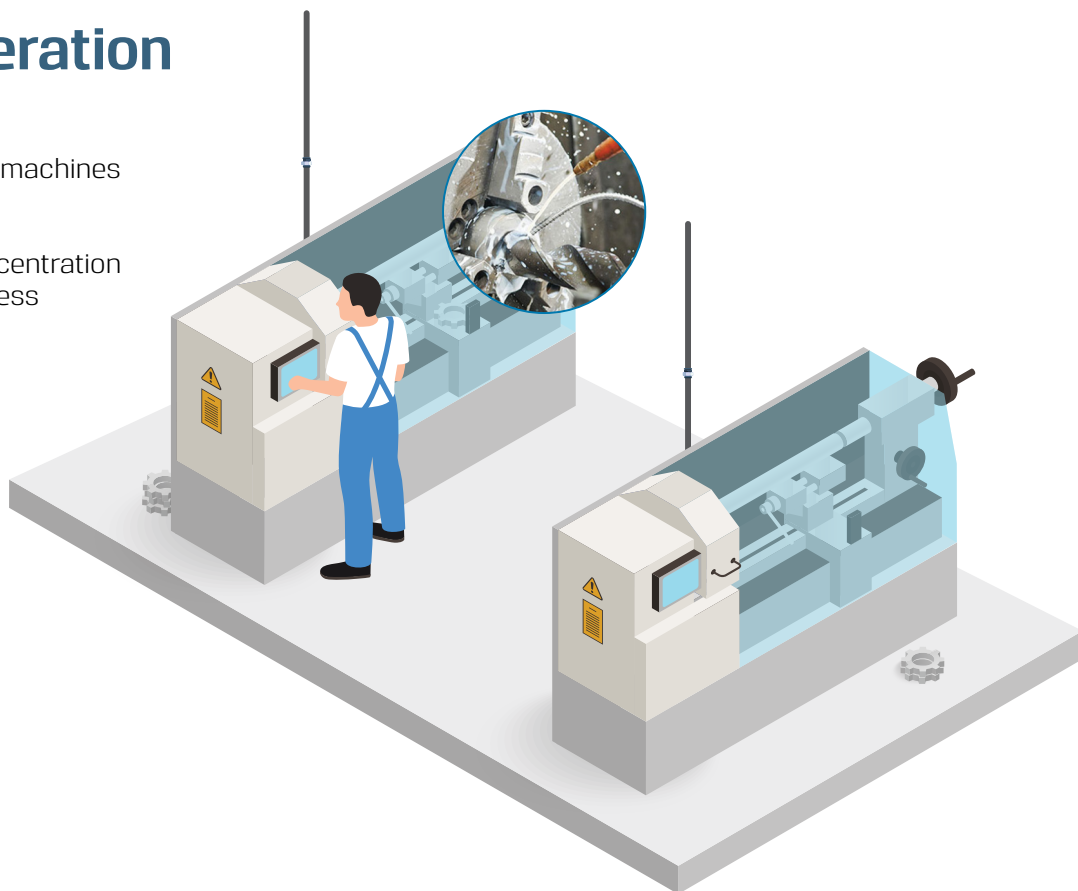
Grinding



Vibro-abrasion

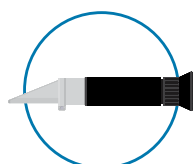
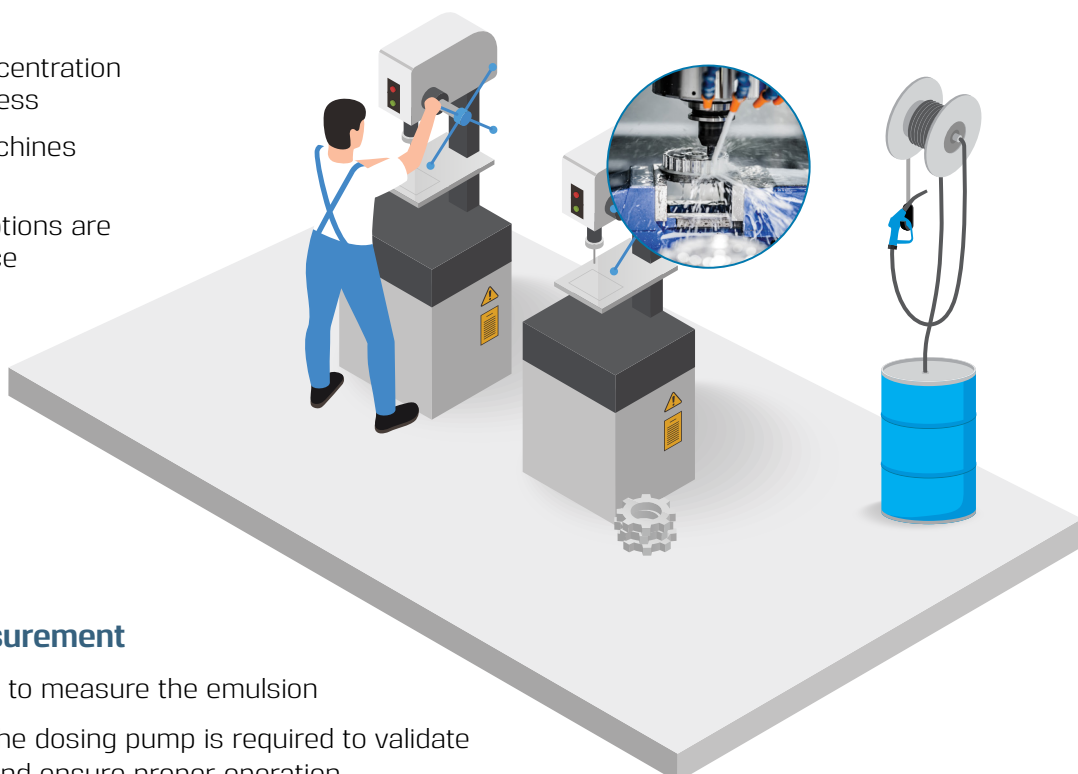
Central Operation

- Allows simultaneous operation of several machines
- Automatic operation
- Stable emulsion concentration throughout the process



Manual Operation

- Stable emulsion concentration throughout the process
- Services several machines at a production site
- Machines feeding options are bucket or mouthpiece



Concentration measurement

- Use a refractometer to measure the emulsion
- Initial calibration of the dosing pump is required to validate final concentration and ensure proper operation

Tefen Dosing Pumps



MixRite™ 2.5 Series Low Flow Rate

0.1-0.9%, 0.3-2%, 0.4-4%

Water pressure	02 - 8 bar (2.9-120 psi)
Flow Rate	7 - 2500 l/h (1.85-660) gal/h
Weight	1.8 kg (4 pound)
Coupling	3/4"



MixRite™ 3.5 Series

0.03-0.2%, 0.1-0.9%,
0.3-2%, 0.5-5%, **1-10%**

Water pressure	02 - 8 bar (2.9-120 psi)
Flow Rate	10 - 3500 l/h (2.65-930) gal/h
Weight	1.8 kg (4 pound)
Coupling	3/4"

About Tefen

Tefen is a leading manufacturer of environmentally friendly, non-electric volumetric equipment and flow products. Since 1973.

Tefen's MixRite line of water-driven proportional dosing pumps are used to ensure precise additive injection directly into the water or fluid line, with various flow rates, feed ratios and pressure ranges. These injectors are extremely durable, manufactured from engineered composite materials to withstand the rigors of the elements, as well as chemicals and acids for injection.

The Tefen MixRite water powered dosing pump is a simple, user friendly and ingenious system that has demonstrated its value in over 90 countries.

Tefen is ISO 9001 2015 certified



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