

# METAL PROCESSING

---

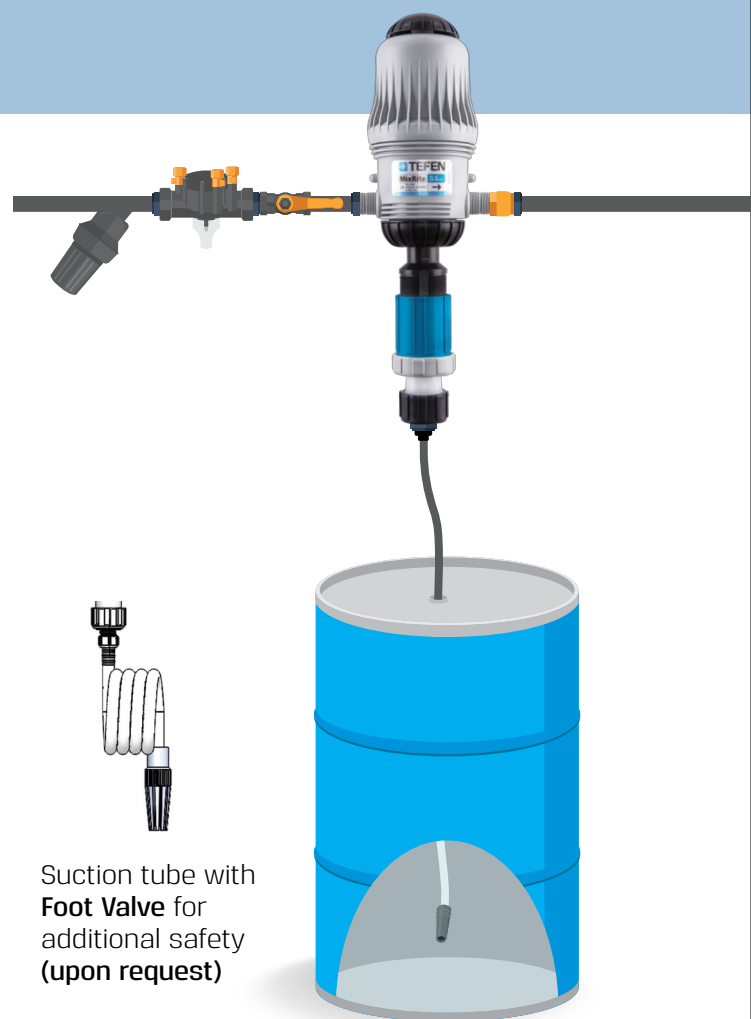
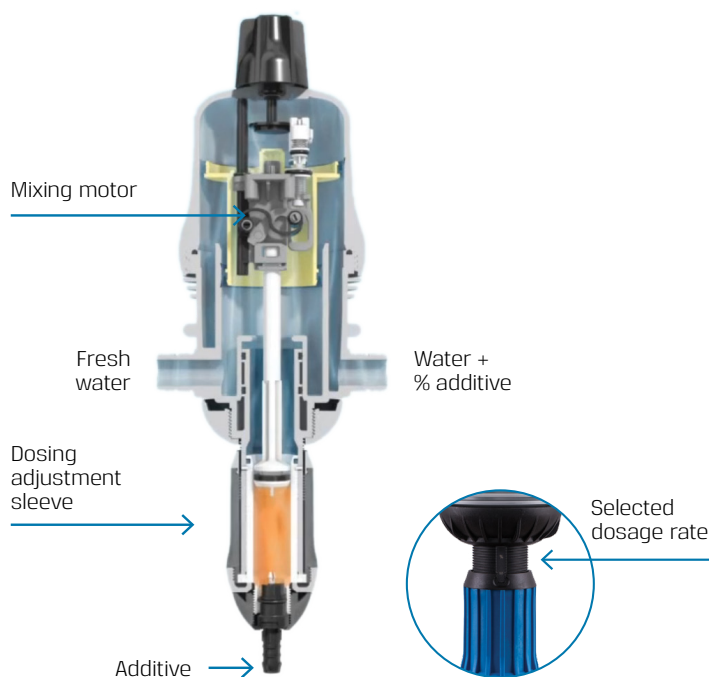
## SOLUTIONS

**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



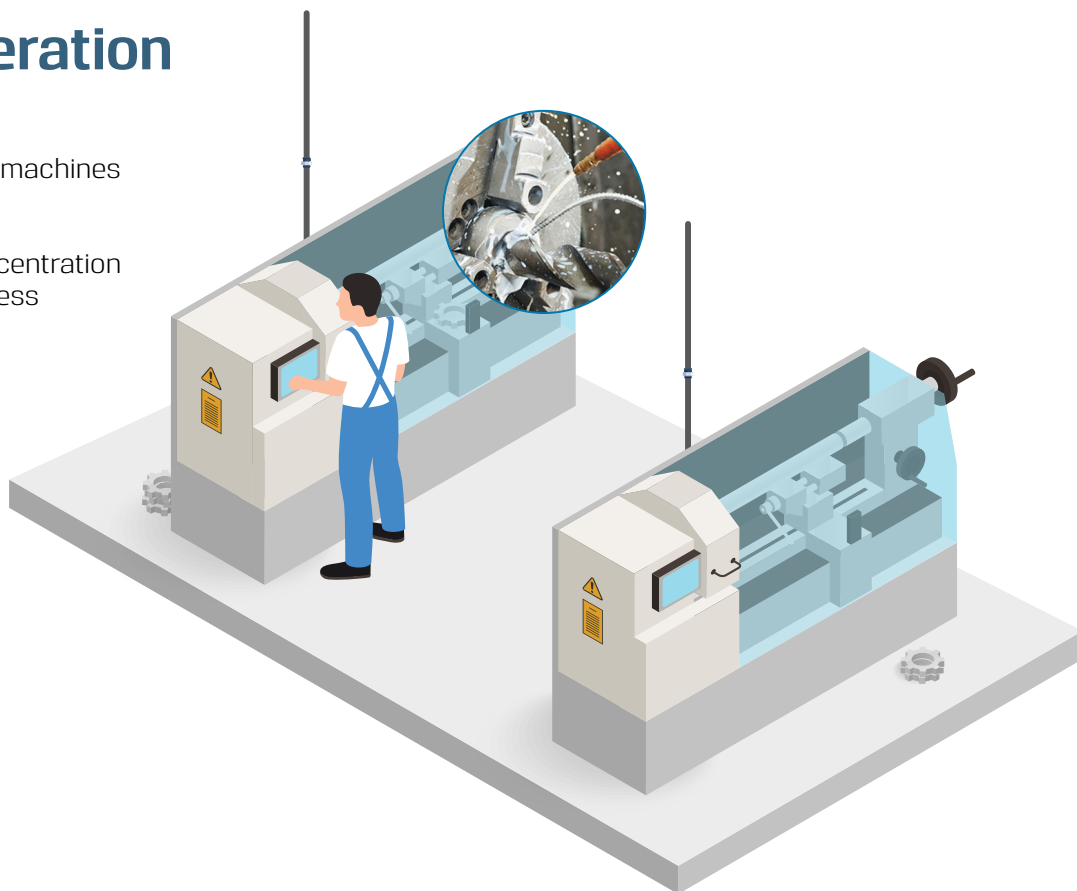
Grinding



Vibro-abrasion

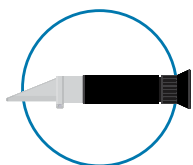
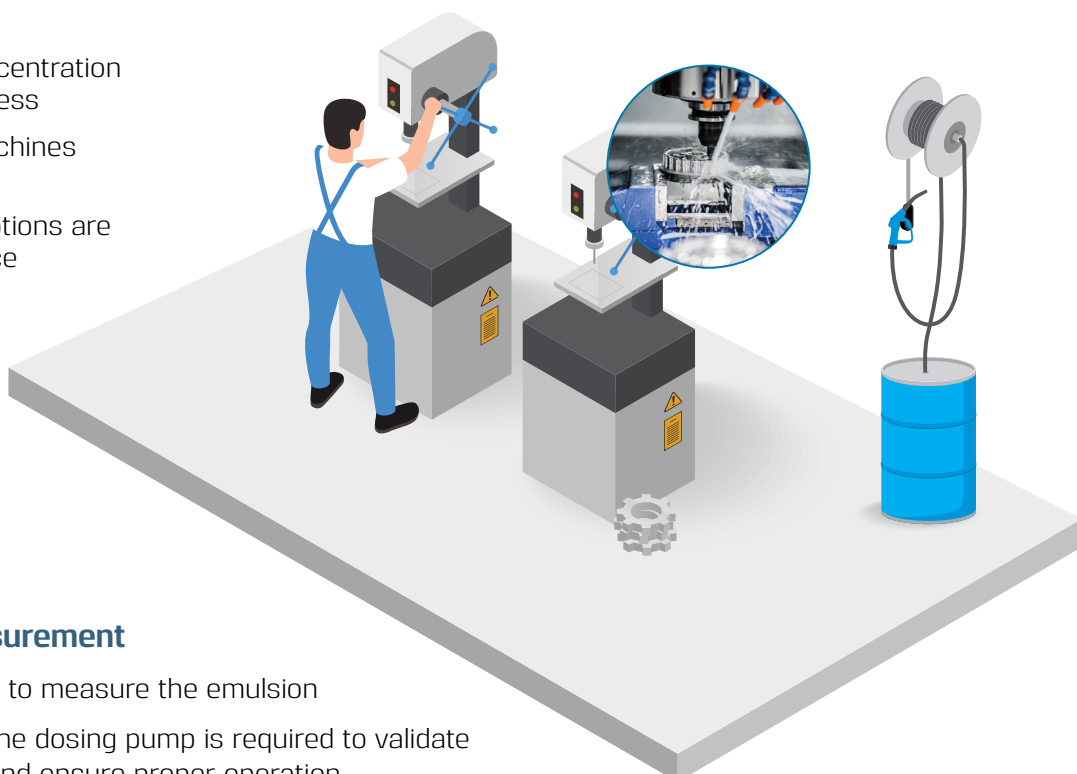
## Central Operation

- 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



**TEFEN LTD.** Kibbutz Nahsholim 3081500 Israel | Tel. 972 4 6395944 | Fax. 972 4 6390813 | [export@tefentech.com](mailto:export@tefentech.com) | [www.tefentech.com](http://www.tefentech.com)

For the removal of any doubt, this documents does not constitute an offer on the part of Tefen and/or any undertaking on its part. Tefen may change the content of this document and/or the technical specifications of the products and/or add and/or remove products and/or change prices and/or any terms and conditions specified in this document at any time and upon its sole discretion without any prior notice.