



## MiniDos 10%

The best injector  
for metal working  
coolants...

- Water driven, no electrical use results in energy savings
- Less handling and transfer time when compared to traditional methods
- You get constant dilution because the injectors are not affected by pressure and flow changes
- 2% - 10% dosage range ideal for cutting oils
- Unique patented mixing chamber offering unrivalled quality of the mixing
- Adjustable dosage ratio even while the unit is running; avoiding down time
- Tried and tested operation - with leading cutting oil brands - ensuring no leakage
- With no back pressure issues the discharge hose can exceed 100 ft.
- The MiniDos 10% can operate with a suction hose up to 50 ft. long and a height between the pump and oil drum of up to 13 ft.
- With the dosage ratio set, you will get the same accurate performance - every time





**Basic** Installation

## Basic Installation



tank feed installation



inline installation



dual remote injection installation



bypass installation

## Operating principle

Installed directly in the water supply line, the injector operates without electricity, using water pressure as the power source. The water drives the injector, which pulls the required percentage of concentrate directly from the chemical solution container. Inside the patented mixing chamber the concentrate is mixed with the water and the water pressure forces the mixed solution downstream. The amount of concentrate will be directly proportional to the volume of water entering the injector, regardless of variations in flow or pressure.

## General Specifications

Housing	Proprietary engineered composite material
Avg. Dosing Accuracy	+/- 10%
Repeatability	+/- 3%
Fluid max. temp.	100°F (38°C)
Fluid min. temp.	34°F (1°C)
Max. vertical suction of concentrate	3.6 m
Max. horizontal suction of concentrate	15 m
Self-priming	Yes
Seal material available*:	Aflas- Alkaline concentrates Viton - Acids, oils & pesticides EPDM - Alkaline concentrates

Model #	Description	Flow Range		Operating Pressure		Injection Range	
		gpm	l/h	psi	bar	%	ratio
112606	MiniDos 10%	0.07 - 12	16 - 2,200	6 - 65	0.5 - 4.5	2 - 10%	1:50 - 1:10