

Triplet Atomizer head

We are glad to present to you a product from Fluidics Instruments with its roots based in the year 1977. It was now further developed for production on high tech machines of today.

The idea behind is as simple as convincing:

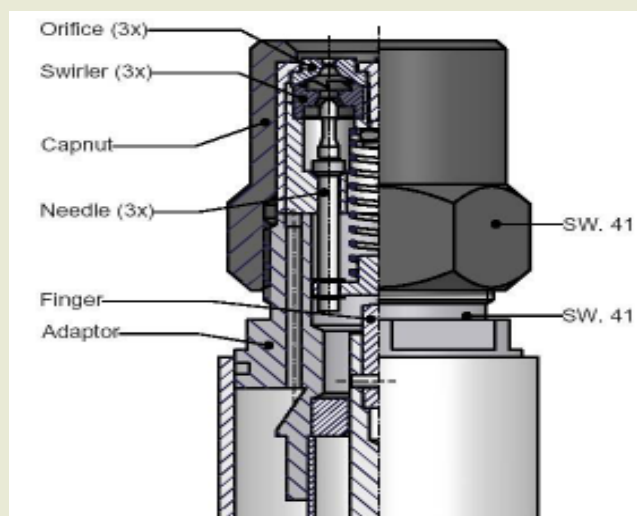
Splitting of fuel output to more than one atomizer.

Due to smaller droplet sizes that are up to 30 percent smaller than with regular high pressure atomizers of the same size the following benefits can be noticed:

- Improved start and turn down ratio.
- Significant shorter flame length.
- Improved combustion especially for use with heavy oil.

The Fluidics Triplet Atomizer will also combine the following benefits:

- Use of standardized parts from nozzles of type W will result in a cost effective solution. Therefore technical facts do match with three nozzles each of type W1, W2 or W4.
- The nozzle has a central operated needle shut off device.
- A finger will replace the conventional single shut off needle in the burner lance.
- The Triplet Atomizer will fit without any changes to each burner lance 32 with hydraulic or pneumatic operated shut off needle device.



Cut through a burner lance head with built in Triplet Atomizer

But all advantages of this construction will become obvious only under real operating conditions in one of your burners. We will be glad to assist you in case of further questions.