



ILC DOVER
creating what's next»



PST LARGE JET FEED INJECTOR

POWDER MIXING

What is PST Large jet feed injector?

The smartest way to mix powder directly with liquids

How it works

The patented nozzle system creates a flat accelerated jet, which draws in a significant amount of powder.

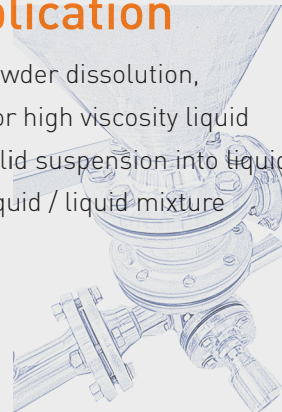


Features & Benefits

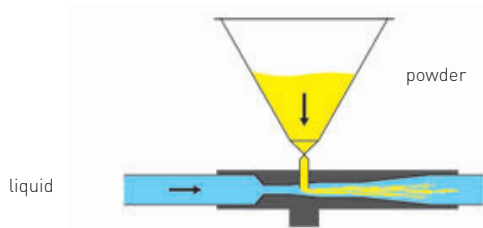
- ✓ Rapid mixing
- ✓ Complete dissolution of the powder
- ✓ No clumping of powder
- ✓ No moving parts = no maintenance
- ✓ Low footprint
- ✓ GMP design
- ✓ No introduction of shearing forces on the powder, thus preserving all their properties for solids suspension

Application

- ✓ Powder dissolution, even for high viscosity liquid
- ✓ Solid suspension into liquid
- ✓ Liquid / liquid mixture



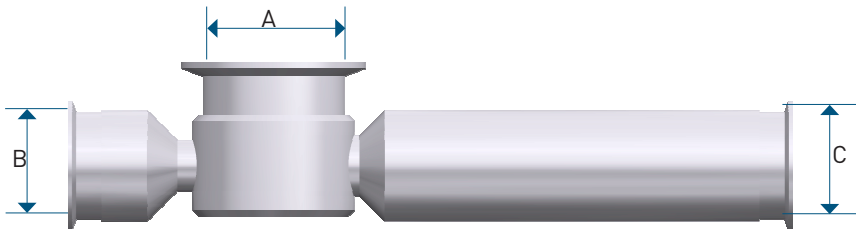
OPERATING PRINCIPLE



DOSING AND MIXING SYSTEM/ CONTAINED APPLICATION



AVAILABLE DIMENSION



	pst 25/40/25	pst 40/65/40	pst 50/80 /50	pst 65/100/65	pst 80/125/80	pst 100/150/100	pst 125/200/125
A – Powder feeding	40mm	40mm	50mm	65mm	80mm	100mm	125mm
B – Liquid inlet	25mm	65mm	80mm	100mm	125mm	150mm	200mm
C – Mixture outlet	25 mm	40mm	50mm	65mm	80mm	100mm	125mm
Outflow [m³/h]	2	6	12	20	30	65	100
Powder injection [l/h]	10% to 28%	10% to 28%	10% to 28%	10% to 28%	10% to 28%	10% to 28%	10% to 28%

MOBILE SKID



SKID FOR BIG BAG DISCHARGING UP TO 25T-H



JET SOLUTIONS processing systems



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