



DynaShear®

Boston Shearpump®

Boston Shearmill™

For full details on all models, see
our website at www.admix.com

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Admix Inline Mixer Specifications

Technical Data of Admix Inline Mixing Equipment

Admixer™ Sanitary Static Mixers and Blenders

The complete line of Admix Inline equipment begins with a wide range of Static Mixers. Available in 304 and 316 stainless steel and solid Teflon with diameters from ½ to 6 inches. Ideal for low shear blending at moderate and very high viscosities. See separate brochure for details.

DynaShear® for high volume, high intensity mixing

	DS-425	DS-575
Shear heads	1 radial and 1 axial	1 radial and 1 axial
Rotor dia.	4.25" (108 mm)	5.75" (146 mm)
Tip speed	60 fps (20 m/s)	82 fps (27 m/s)
Motor HP	5	20
Throughput	<i>see chart, decreases with viscosity</i>	
Mech. Seal	single or double	
Fittings, in/out	2"/2"	3"/2"
Footprint	24" x 12"	31" x 15"

Boston Shearpump® for high volume mixing of viscous slurries

	BSP 24C	BSP 60C
Shear heads	1 (coarse or medium)	1 (coarse, medium or fine)
Rotor dia.	2.6"	5.8"
Tip speed	26 fps (12 m/s)	92 fps (28 m/s)
Motor HP	7.5	25
Throughput	<i>see chart, decreases with viscosity</i>	
Mech. Seal	two seal combination for up to 750 psi pressure	
Fittings, in/out	2"/2"	3"/2"
Footprint	24" x 14"	36" x 20"

Boston Shearmill™ for wet milling, emulsifying and homogenizing

	BSM 25	BSM 37	BSM 60	BSM 80
No. of heads	1 to 3	1 to 3	1 to 3	1 to 2
Stages per head	2	2	2	3
Rotor dia. (in/mm)	2.5/65	3.75/95	5.9/160	7.9/200
Shaft speed RPM	10,500	7,100	3,600	3,600
Tip speed, (fps m/s)	115/35	115/35	92/28	120/37
Throughput	<i>see chart, typically based on rate from PD pump</i>			
Mech. Seal	two seal combination for up to 750 psi pressure			
Fittings, in/out	1"/1.5"	2"/2"	3"/2"	4"/3"
Footprint	26" x 30"	30" x 30"	64" x 25"	78" x 25"

Throughput Ranges

at low viscosities  with high feed rates 
 at higher viscosities  with backpressure 

