

Choose Your Bead Applicator Comparison Chart

Bead Applicator	BF MicroBead Single/Dual Port	BF ModPlus Low-Profile Marathon	BF ModPlus Marathon	BF ModPlus Electric Valve	DGII Hand Applicator
Operating Temperature Range	38°C to 218°C (100°F to 425°F)	38°C to 218°C (100°F to 425°F)	38°C to 218°C (100°F to 425°F)	38°C to 218°C (100°F to 425°F)	38°C to 232°C (100°F to 450°F)
Maximum Adhesive Pressure	68 bar (1000 psi)	68 bar (1,000 psi)	68 bar (1,000 psi)	68 bar (1,000 psi)	68 bar (1,000 psi)
Maximum Adhesive Viscosity	5,000 cps	20,000 cps	20,000 cps	6,000 cps	80,000 cps
Max On/Off Cycle Speed	3.5 ms (single port) 4.0 ms (dual port)	5,000 cycles/minute (400 series MAC® valve)	5,000 cycles/minute (400 series MAC® valve)	6,000 cycles/minute @1,200cps or less	N/A
Air Open / Air Close	Yes	Yes	Yes	No	No
Swirl Pattern Capability	No	No	Yes	No	Yes
Built-In Filtration	Yes	No	Yes	Yes	No
Optimized Module	Yes	No	Yes	No	No
Water Resistant	Standard	N/A	Option	Option	N/A
Dimensions (WxDxH)	26/44 x 109 x 129 mm (1.02/1.73 x 4.3 x 5.08 in)	60 x 155 x 270 mm (2.4 x 6.1 x 10.7 in)	44 x 81 x 96 mm (1.7 x 3.2 x 3.8 in)	44 x 81 x 94 mm (1.7 x 3.2 x 3.7 in)	4 x 23 x 22 mm (1.7 x 8.5 x 8.7 in)

Note: All above information is dependent on line speed operation and type of adhesive, some results may vary.