

AM51

The AM51 IMA™ system expands your application horizons. You can now produce much larger, more complex component assemblies with the proven accuracy and repeatability of FisherTech's Injected Metal Assembly process.

The AM51 system's increased tool capacity, with a maximum shot size up to 4 in.³ (65.5 cm³) of zinc alloy, accommodates larger castings, multiple cavities for high volume production and reduced piece price, plus greater design latitude for complex features.

Terminations and fittings can now be cast on cable diameters up to 3/8 in. (9.5 mm).

FisherTech's AM51 IMA system features high speed pneumatic injection, individually controlled dual zone melting crucible and options for full automation and integration into existing production lines.



AM51 Specifications

Electrical	3 Phase 125A @ 480 VAC, 50 Hz or 60 Hz		
Injection Capacity	20mm Injection Unit 1.925 in ³ (31.5 cc)	25mm Injection Unit 3.05in ³ (50 cc)	28mm Injection Unit 3.9in ³ (64 cc)
Pneumatic	80 – 100 psig (5 – 7 bar), Clean, dry air @ 2.5 cfm, (70 l/min)		
Water / Drain	.5 gpm (2 l/min) @ 68°F (20°C) with a gravity drain		
Safety Standards	Meets CE, LL and CSA requirements		



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