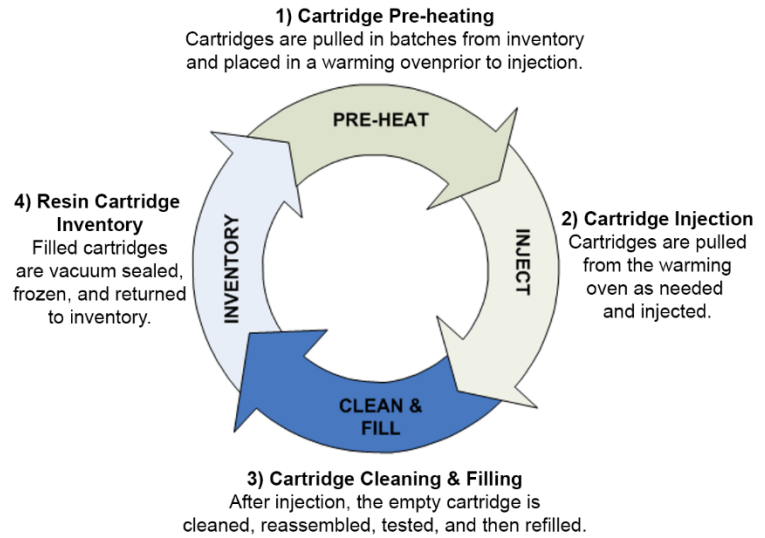


Radius Cartridge System Injector



The RCS Injector is a re-useable cartridge based injection system suitable for high-rate Resin Transfer Molding (RTM) and SQRTM production.



Design Features

- Re-useable, self-contained resin container. Ready for injection with piston and end plug pre-installed.
- Fast cartridge change out.
- Resin pressure and flow rate control.
- Pneumatic actuation provides:
 - ✓ Resin pressures of up to 250 psi with standard shop air supply.
 - ✓ Reliable, robust resin displacement system. Used in Radius injection systems for over 20 years.
 - ✓ Safe pressure control. System automatically retracts piston to relieve over-pressure condition.
- Unique design allows application of vacuum without piston movement.
- Quick & easy cartridge cleaning, re-assembly, and re-fill.



*Re-useable
Resin Cartridge*

Operating Specifications

Operating Pressure:	250 psi	17.2 bar
Operating Temperature:	250 °F	121 °C
Vacuum Rated:	< 0.5 torr	< 0.6 mbar
Volume:	1950 cc	~ 2145 g
Weight (empty):	4.5 lb	2040 g
Weight (full):	9.2 lb	4185 g