

Patriot™ SSB Injection System

LIGHT RTM INJECTION SYSTEM



PATRIOT™
Precision & Performance

Unique Patriot™ Metering System

Mixes At The Injection Head

Built-In PV Sensor

Modular Versatility

MAGNUM VENUS PLASTECH™

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LIGHT RTM INJECTION SYSTEM



MEGAJECT Patriot SSB – AUTOHEAD – PART REF 5675-PAT-AUTO

Designed for injecting polyester, vinylester and methacrylate resins and catalyst at controlled pressures. The Megaject Patriot SSB – AutoHead mixes on demand at the injection head with catalyst ratios infinitely adjustable from 0.5% to 3.0% and features Pre-determined Counter, Resin Gel Alarm and Automatic Head with internal interlocks on resin and catalyst valves. Packed with innovative features the *New* Patriot SSB is unrivalled in the field of injection machines.

FEATURES:

- NEW Precision Patriot ratio pumps
- NEW MotoCat: safe, airdriven remote catalyst ratio selection.
- Built in PVSensor for precision pressure control for LRTM production
- Built in RGA Resin Gel Alarm. Resin Gel Alarm system (RGA) provides intelligent visual and audible alarm

conditions during and after machine injection plus anti stall timer.

- Autohead valving with safe automatic interlocks - The Automatic head resin and catalyst valve not only remotely switch over on command between recirculation and injection positions but are also interlocked with the control circuit. This means that if either one does not switch correctly then the machine will not allow an inject command to operate.
- Pre Determining Counter for auto fill - Allows a predetermined mould shot size to be set. The machine will automatically stop once this count has been reached during injection
- Mould Pressure Guard (MPG)
- Catalyst over-pressurisation provides an automatic machine safety stop.
- Economic, single operation, air/solvent flush of machine head with interlocks.
- 8 litre catalyst bottle with flow indicator and filtered line.
- Safe, 20lt heavy-duty non-pressurised polypropylene solvent tank with unique solvent flush system.
- Machine stability, guards, E-stop and controls comply with CE machinery Directive.



Mould Pressure Guard



Catalyst Percentage Adjustment



SSB Controls



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