

Megaject SSB Patriot



MEGAJECT Patriot SSB – AUTOHEAD – PART REF 6406

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 *NewPatriot* 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.



PDC



Autohead



RGA



E stop



MVP announce MotoCat a NEW industry standard for ratio adjustment. Whatever catalyst percentage is chosen can be simply adjusted remotely by a plus and minus fascia air switch control. MotoCat features Air motor safe power and precision adjustment on the fly.

Ideal freedom for maintenance provided by unlocking and rapid removal of the entire Patriot pump assembly in seconds. The Patriot pump system, as a whole, can be unlocked and removed as one complete unit without the use of tools allowing it to be brought to bench working height. This feature enables the user to carry out routine maintenance in ideal and accessible conditions



Patriot pumping system - MVP Advanced Design Group developed a revolutionary new system to meet the demands of increased precision. The Patriot is a versatile pumping system that addresses many of the problems currently experienced in production control. During testing the Patriot proved an catalyst to resin variance of less than 1%.

For more information, contact:

MAGNUM VENUS PLASTECH

MVP Corp HQ/Mfg./Sales
5148 113th Ave. N.
Clearwater, FL 33760 USA
tel: (727) 573-2955
fax: (727) 571-3636

MVP Technology Center
1862 Ives Ave.
Kent, WA 98032 USA
tel: (253) 854-2660
fax: (253) 854-1666

MVP Plastech UK:
Chilsworthy Beam, Gunnislake,
Cornwall, PL18 9AT UK,
tel:+44 (0) 1822 832621
fax: +44 (0) 1822 833999

www.mvpind.com - www.plastech.co.uk

