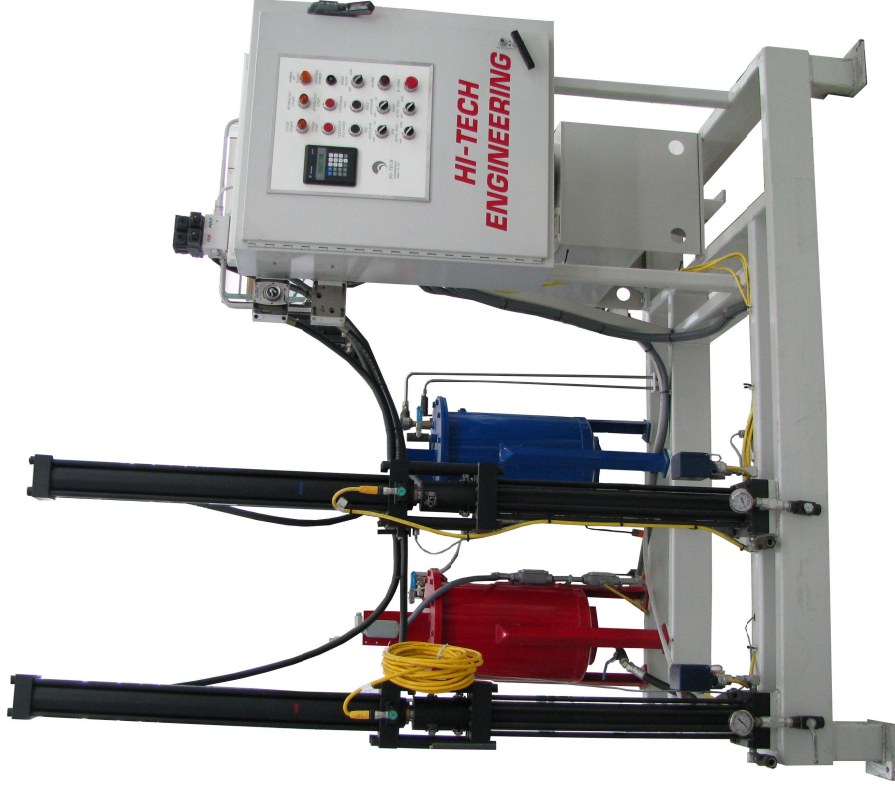


PURE SHOT

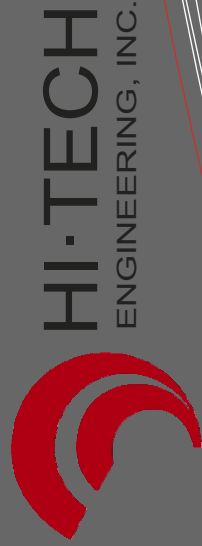
LABORATORY SCALE RIM MACHINE

The Pure Shot is the cornerstone of Hi-Tech. It is the most basic process machine that Hi-Tech manufactures. It was developed as an economical alternative for Research and Development Laboratories, trials of new chemical systems, and small batch production.



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HI-TECH
ENGINEERING, INC.



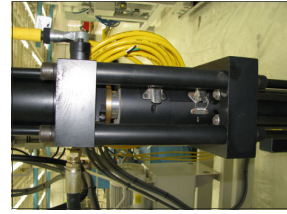
Pure Shot Series

The Pure Shot is a high pressure RIM machine capable of processing small quantities. It is an economical machine for:

- Research and Development Laboratories
- Trials of new chemical systems

MACHINE FEATURES:

- High pressure impingement mixing head
- Small shot quantities from 5-500 grams
- Patented chemical seal access area
- Optional chemical temperature control
- Digital calibration
- Filler capable
- Manual Controls
- Small quantity material operation
- Low capital investment



	Pure Shot 10	Pure Shot 30	Pure Shot 50	Pure Shot 100	Pure Shot 200
OUTPUT (Lb/Min @ 1:1 Ratio)					
Maximum	10	10	30	60	60
Minimum	1	2	6	10	10
Ratio (Infinitely Variable)	5:1	5:1	5:1	5:1	5:1
Maximum Pressure (psi)	3000	3000	3000	3000	3000
Flow Rate	1-10	3-30	5-50	10-100	20-200
DAY TANKS (EA)					
Tank Size	5-gal	10-gal	10-gal	30-gal	60-gal
Agitators—Speed	Single	Single	Single	Single	Single
Agitators—Power	Electric	Electric	Electric	Electric	Electric
Level Control	Optional	Optional	Optional	Optional	Optional
Automatic Refill	Optional	Optional	Optional	Optional	Optional
HYDRAULIC UNIT					
Reservoir (Gal)	20	30	30	50	100
Pump Output (gpm)	2.4	7.25	12.0	22.0	45.0
Drive Motor (hp)	5	5	10	20	20
METERING CYLINDERS					
Cylinder Size	500-2000cc	500-2000cc	1000-4000cc	2000-7500cc	2000-7500cc
Filler Capable	Yes	Yes	Yes	Yes	Yes
TEMPERATURE CONTROL UNIT					
Heating (kw)	9 Kw Dual	9 Kw Dual	9 Kw Dual	9 Kw Dual	9 Kw Dual
Cooling (tons)	Optional	Optional	Optional	Optional	Optional
Temperature (°F)	80-150°F	80-150°F	80-150°F	80-150°F	80-150°F
MIXING HEADS					
Mix Head—Straight	HP8-2P	HP8-2P	HP8-2P	HP10-2P	HP10-2P
Mix Head—L-Head	LMH 5/8-2P	LMH 6/10-2P	LMH 8/12-2P	LMH 12/19-2P	LMH 16/25-2P
Max Shot	2 lbs	4 lbs	6.5 lbs	8.5 lbs	8.5 lbs
Plunger diameter (mm)	8	8	8	8	8
Self Cleaning	Standard	Standard	Standard	Standard	Standard
Recirculation Capability	Standard	Standard	Standard	Standard	Standard
CONTROLS					
Calibration	Cylinder Timing	Cylinder Timing	Cylinder Timing	Cylinder Timing	Cylinder Timing
Process Controller	Micro PLC	Micro PLC	Micro PLC	Micro PLC	Micro PLC
Closed Loop Control	Optional	Optional	Optional	Optional	Optional
SFC Package	Optional	Optional	Optional	Optional	Optional
POWER REQUIREMENTS					
AMPS	30	30	60	100	150
Volts/Phases	480V/3/60	480V/3/60	480V/3/60	480V/3/60	480V/3/60
Air (psi)	80-120 psi	80-120 psi	80-120 psi	80-120 psi	80-120 psi
SIZE					
Width x Length (in)	4 x 58	4 x 58	60 x 96	72 x 96	84 x 96
Temperature Control Unit	36 x 48	36 x 48	48 x 60	48 x 60	60 x 72