



**DISPENSING
EQUIPMENT FOR
THE PROFESSIONAL
CONTRACTOR**

For applying . . .

- Caulking
- Joint Sealing
- Crack Injection
- Doweling
- Fire Stop
- Adhesive

PCH GMP-025 'LIL PRO

Joint Filling and Sealing using Unfilled Urethanes, Epoxies, and Polyureas

- Uses AST GMP metering pump
- Continuous flow up to .4 gpm
- Fluid pressures up to 750 psi
- Viscosities up to 5,000 cps
- Fixed Ratios of 1:1 to 4:1
- Variable flow rate
- 4.5 gallon stainless steel tanks
- 1/4 HP DC drive motor
- Manual dispense manifold
- Electric powered
- Pumps non-abrasive materials



PCH GMP-050 PRO

Joint Filling and Sealing using Unfilled Urethanes, Epoxies, and Polyureas

- Uses AST GMP metering pump
- Continuous flow up to .5 gpm
- Fluid pressures up to 750 psi
- Viscosities up to 7,500 cps
- Fixed ratios of 1:1 to 4:1
- Variable flow rate
- 4.5 or 8.5 gallon stainless steel tanks
- 1/2 HP DC drive motor
- Automatic dispense manifold
- Electric/pneumatic powered
- Pumps non-abrasive materials



PCH GMP-075 BIG PRO

Joint Filling and Sealing using Unfilled Urethanes, Epoxies, and Polyureas

- Uses AST GMP metering pump
- Continuous flow up to .9 gpm
- Fluid pressures up to 1,000 psi
- Viscosities up to 10,000 cps
- Fixed Ratios of 1:1 to 4:1
- Variable flow rate
- 8.5 gallon stainless steel tanks
- 3/4 HP DC drive motor
- Automatic dispense manifold
- Electric/pneumatic powered
- Pumps non-abrasive materials



DE SP-55 GALLON SMART PUMP

Sealing and Caulking Using Silicones, Single Part Urethanes and Fire Stop

- Uses AST CMP metering pump
- Continuous flow up to 4 gpm
- Fluid pressures up to 3,000 psi
- Viscosities up to 1,000,000 cps
- 5:1 to 30:1 power factor ratio
- Adjustable flow rate
- 55 gallon drum feed with follower plate
- High pressure/self priming
- 6", 8" or 10" diameter drive cylinder
- Pneumatic powered
- Metered shots or continuous flow
- 4" diameter double post pneumatic ram
- Pumps abrasive materials



PCV SP-5 GALLON SMART PUMP

Sealing and Caulking Using Silicones, Single Part Urethanes and Fire Stop

- Uses AST CMP metering pump
- Continuous flow up to 1 gpm
- Fluid pressures up to 3,000 psi
- Viscosities up to 300,000 cps
- 5:1 to 30:1 power factor ratio
- Adjustable flow rate
- 5 gallon drum feed with follower plate
- High pressure/self priming
- 6" or 8" diameter drive cylinder
- Pneumatic powered
- Metered shots or continuous flow
- Portable cart mount with elevator
- Pumps abrasive materials



PCS GRP-050 SPRAY

Joint Filling and Sealing, Concrete Restoration, and Spray of Unfilled Polyureas, Urethanes and Epoxies

- Uses AST GRP metering pump
- Continuous flow up to .5 gpm
- Fluid pressures up to 750 psi
- Viscosities up to 5,000 cps
- 1/2 HP DC drive motor
- 8.5 gallon stainless steel tanks with disposable liner
- Fixed Ratios from 1:1 to 4:1
- Variable flow rate
- Automatic dispense valve
- Electric and pneumatic powered
- Pumps non-abrasive materials



PCH CMP-832 BRUTE II

Large Joint Sealing and Doweling Using Filled and Unfilled Epoxies and Urethanes

- Uses AST CMP metering pump
- Flow rate up to 1.5 gpm
- Fluid pressures up to 2,000 psi
- Viscosities up to 150,000 cps
- Fixed Ratios of 1:1, 2:1, 4:1
- Variable flow rate
- 8.5 gallon stainless steel tanks
- 8" diameter drive cylinder
- Auto/manual dispense valve
- Pneumatic powered
- Up to 20 cycles per minute
- Metered shots or continuous flow
- Pumps abrasive materials



PCH GMP-500

Bridge Deck and Parking Deck Coatings Using Unfilled Urethanes, Epoxies and Polyureas

- Uses AST GMP metering pump
- Continuous flow up to 5 gpm
- Fluid pressures up to 1,000 psi
- Viscosities up to 5,000 cps
- Fixed ratios of 1:1 to 4:1
- Variable flow rate
- Transfer pumps or gravity fed
- 5 HP DC drive motor
- Automatic dispense valve
- Electric/pneumatic powered
- Pumps non-abrasive materials



H CMP-5964-6464

Bridge and Large Deck Coating Using High Viscosity Materials for High Volume

- Hydraulic power pack (15 HP)
- Up to 3/4 gallon per stroke
- Flow rate up to 5 gpm
- (2) 55 gallon double post elevators
- Viscosities up to 1,500,000 cps
- Fixed Ratios of 1:1 to 10:1
- Fluid pressures up to 3,000 psi
- Boom arm
- Automatic dispense valve
- Weight: approx. 4,000 lbs.
- Pumps abrasive materials



PCV 317PV "VIP"

Crack Injection Using Filled and Unfilled Epoxies and Urethanes

- Uses AST RMP metering pump
- Continuous flow up to 20 ounces per minute
- Fluid pressures up to 1,100 psi
- Viscosities up to 30,000 cps
- Fixed Ratios of 1:1 to 4:1
- Adjustable flow rate
- 2.5 gallon stainless steel tanks
- 3" diameter drive cylinder
- Manual dispense manifold
- Pneumatic powered
- Pumps abrasive materials



PCH NF RMP-624 MINI BRUTE

Crack and Joint Filling Using Filled and Unfilled Epoxies and Urethanes

- Uses AST RMP metering pump
- Flow rate up to .5 gpm
- Fluid pressures up to 2,000 psi
- Viscosities up to 100,000 cps
- Fixed Ratios of 1:1, 2:1, 4:1
- Adjustable flow rate
- 4.5 gallon stainless steel tanks
- 6" diameter drive cylinder
- Automatic dispense valve
- Pneumatic powered
- Up to 20 cycles per minute
- Metered shots or continuous flow
- Pumps abrasive materials



PCH RMP-624 BRUTE

Joint Filling and Doweling Using Filled and Unfilled Epoxies and Urethanes

- Uses AST RMP metering pump
- Max flow rate up to .7 gpm
- Fluid pressures up to 2,000 psi
- Viscosities up to 500,000 cps
- Fixed Ratios of 1:1, 2:1, 4:1
- Adjustable flow rate
- 8.5 gallon stainless steel tanks
- 6" diameter drive cylinder
- Automatic dispense valve
- Pneumatic powered
- Up to 20 cycles per minute
- Metered shots or continuous flow
- Pumps abrasive materials



ADHESIVE SYSTEMS TECHNOLOGY

SIMPLICITY OF DESIGN

AST has eliminated the high cost, excessive maintenance and inconsistent reliability of metering and dispensing equipment by keeping it simple. We eliminate the cost of human error, waste and down time by providing simple, accurate and reliable metering equipment. Your application requirements are met with specific working solutions!

EASE OF USE

Full control over our systems is usually obtained by a single point control adjustment. If your requirements demand different volumes or mix ratios, AST's modular design makes this quick and easy.

RELIABILITY

Knowing your concerns with maintaining equipment, AST uses ruggedly designed modular pumps and parts that keep maintenance to a minimum. Worn parts are easily detected and replaced. Each machine is factory pre-tested.

TECHNICAL SUPPORT

Friendly service is just a phone call away with Quick Ship replacement parts readily available.

COMPANY STATEMENT

Adhesive Systems Technology's commitment to technical excellence is reflected in our manufacturing facility located in New Hope, MN. With over 70,000 square feet, we have expanded our manufacturing and developmental capabilities to benefit our customers.

AST, with 30 plus years of metering and dispensing experience, is committed to supplying our customers reliable, cost effective, and highly efficient application & mixing equipment. AST has emerged as an industry leader in solving the dispensing and automation needs of our customers through innovation and new product development. Our commitment to quality and performance extends to our customer service, engineering, manufacturing and support personnel.



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