

Pneumatic Systems International

"The Future of Pipe Cleaning"

Distributed by
AeroParts Plus, Inc.
802-489-5023

AeroParts Plus Inc.



Hose, Tube & Pipe Cleaning Equipment

Economical and Affordable

Pneumatic Systems International manufactures economical solutions to cleaning Hose, Tube and Pipe in many applications using compressed air, foam pellets and launchers with interchangeable heads. Through AeroParts Plus, Inc. PSI has brought their revolutionary product from Australia to the United States. The PSI System can quickly and effectively clean hose, tube and pipe from 3mm(1/8") to 100MM (4") in a variety of commercial and industrial applications reducing the need for current, costly cleaning methods.

The various applications for the PSI system are:

Hydraulic Manufacturing and maintenance, removing any particle and residues left behind in manufacturing .

Food and beverage lines in the production industry and in the service industry can be maintained quickly and efficiently, allowing for a quicker product replacement in the line. Some applications include food production lines and beer tap lines.

With the PSI system Pellets can easily move through curved, coiled and even 90 degree angle piping, making it an ideal system for *Air-Conditioning and Refrigeration*.

Pneumatics and *heavy equipment* can be maintained on the work site without completely uninstalling the line. As long as there is an entry point and an exit point the PSI pellet can clean on the job.

The PSI system can clean fuel and break lines in the *automotive industry* prior to instillation.

The PSI system is an economic solution to Hose Tube and Pipe cleaning. Where in the past the solution was to replace the hose, tube or pipe, these systems can now be cleaned on site using the environmentally friendly PSI system by shooting foam pellets with compressed air. All that is required is an entry point and an exit point allowing maintenance to be completed on the job site, saving time and money. The ergonomically designed launcher can be run by anyone with minimal training required.

The PSI System

- Economic
- Environmentally Friendly
- Time Saving
- Cost Efficient

Applications

- Hydraulic Manufacturing and maintenance
- Food Industry
- Heating systems
- Air-conditioning and Refrigeration
- Pneumatics
- Heavy Equipment
- Automotive
- Aerospace



The PSI Pellet Launchers

- Econ Hand Piece
- AM2 Hand Piece

The PSI launchers are a robust, light-weight, revolutionary new air tool ergonomically designed to connect with an extensive range for special purpose heads and attachments, using a patented multipoint interlocking mechanism.

The PSI launchers can quickly & effectively clean hose, tube and pipe from 5/32" to 4" in a variety of commercial and industrial applications by firing a foam pellet that is larger than the internal diameter being cleaned. The pellets are able to clean "T" and "U" joints, 90 degree bends and Circular configurations.

Manufactured to Australian Standards under an ISO 9001 quality standard, The PSI Launchers have built in safety features including a Pressure Relief Valve (4" head) and Pressure Gauge (4" head). The 1/2" air inlet allows greater volume of air which propels the pellet over long distances. The two finger trigger mechanism allows for full control of air flow.

The PSI Pellet Launchers are a cost effective, environmentally friendly system that is easy and save to operate while reducing down time on site.

The Econ Launcher will accommodate up to 2" (50mm) and has a 3/8 in air input.

The AM2 Launcher will accommodate up to 4" (100mm), with appropriate adapters, and has a 1/2 inch air input.

Both Launchers using shop air (90—120 PSIG)



AM-2

PSI System Cleaning Kits



PSI ECON-C Kit Hose Launcher Kit

- 50mm Launcher with 1/2" air connection
- 10 hose (white) nozzles 6-50mm
- Adapter ring
- Carry case, user manual, quick release fitting and projectile chart



PSI ECON-HTKIT Hose, Tube Launcher Kit

- 50mm Launcher with 1/2" air connection
- 10 hose (white) nozzles 6-50mm
- 14 Tube-jet (green) nozzles 5-50mm
- Adapter ring
- Carry case, user manual, quick release fitting and projectile chart



PSI AM2-CKIT Hose Launcher Kit

- 50mm Launcher with 1/2" air connection
- 10 hose (white) nozzles 6-50mm
- Adapter ring
- Carry case, user manual, quick release fitting and projectile chart

PSI System Cleaning Kits

PSI AM2 HT Kit Hose, Tube Launcher Kit

- 50mm Launcher with 1/2" air connection
- 10 hose (white) nozzles 6-50mm
- 14 Tube-jic (green) nozzles 5-50mm
- Adapter ring
- Carry case, user manual, quick release fitting and projectile chart



PSI 150 Flange Kit

- 50mm Launcher with 1/2" air connection
- Flange Head
- 4 Flange adapter rings
- 2 Pressure relief Valves
- Carry case, user manual, quick release fitting and projectile chart



Consumables-Pellets (projectiles)

MPP: Multi Purpose Pellets (Projectiles)

Made of firm flexible polyurethane (foam). Used for all hose, tube and pipes. It can handle bends and coils. Ideal for cleaning of large contaminants and for product purging. Sizes range from 4mm to 170mm.

When using a Multi Purpose Pellet (MPP), choose one that is approx 20% larger than the size of HTP. (See Sizing Chart)



APM: Abrasive Pellets (Projectiles)

Special Purpose

Made of firm, flexible polyurethane (foam) with a non-woven abrasive tip. Abrasive Pellets (Projectiles) are used for cleaning boiler tubes, condenser tubes etc. These projectiles will negotiate right angle bends, coils and T-fittings. Ideal for tube and pipe cleaning where there is a build up of contamination, surface rust or mild scale. Used for mild to medium contamination. Sizes range from 6mm to 170mm.

When using an Abrasive pellet (APM), choose one that is approx 20% larger than the size of HTP. (See Sizing Chart)

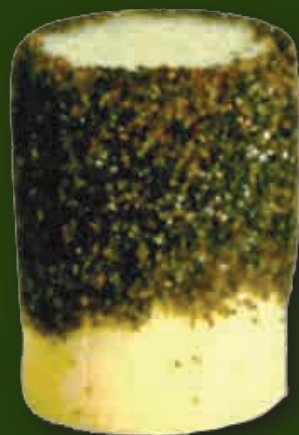


GP: Grinding Pellets (Projectiles)

Special Purpose

Made of firm, flexible polyurethane (foam) with carborundum paper sides. Grinding Pellets (Projectiles) are used for heavy duty tube and pipe cleaning where there is a significant build up of contamination, surface rust or mild scale such as calcified water deposit, rust, baked on deposits. Used for medium to hard contaminants. Sizes range from 6mm to 120mm.

When using a Grinding pellet (GP), choose one that is approx 5% larger than the size of HTP. (See Sizing Chart)



Consumables-Pellets (projectiles)

Multi Purpose Pellets

<u>Milimeters</u>	<u>Inch</u>	<u>Number of Pellets per package</u>	<u>Part Number</u>
3MM	1/8"	300	MPP003
4MM	5/32"	300	MPP004
5MM	3/16"	300	MPP005
6MM	1/4"	300	MPP006
7MM	1/4"	300	MPP007
8MM	5/16"	300	MPP008
10MM	3/8"	300	MPP010
12MM	1/2"	300	MPP012
14MM	1/2"	300	MPP014
16MM	5/8"	300	MPP016
18MM	11/16"	300	MPP018
20MM	3/4"	300	MPP020
22MM	7/8"	300	MPP022
24MM	1"	200	MPP024
26MM	1"	200	MPP026
28MM	1 1/8"	200	MPP028
30MM	1 3/16"	50	MPP030
33MM	1 1/4"	50	MPP033
35MM	1 3/8"	50	MPP035
40MM	1 1/2"	50	MPP040
45MM	1 5/8"	40	MPP045
50MM	2"	40	MPP050
55MM	2 3/16"	30	MPP055
60MM	2 3/8"	30	MPP060
65MM	2 1/2"	10	MPP065
70MM	2 3/4"	10	MPP070
75MM	3"	10	MPP075
80MM	3 1/8"	10	MPP080
85MM	3 3/8"	10	MPP085
90MM	3 1/2"	10	MPP090
95MM	3 3/4"	10	MPP095
100MM	4"	10	MPP100
105MM	4 1/8"	10	MPP105
110MM	4 5/16"	10	MPP110
120MM	4 3/4"	10	MPP120

Consumables-Pellets (projectiles)

Abrasive Pellets

<u>Milimeters</u>	<u>Inch</u>	<u>Number of Pellets per package</u>	<u>Part Number</u>
6MM	1/4"	300	APM006
7MM	1/4"	300	APM007
8MM	5/16"	300	APM008
10MM	3/8"	300	APM010
12MM	1/2"	300	APM012
14MM	1/2"	300	APM014
16MM	5/8"	300	APM016
18MM	11/16"	300	APM018
20MM	3/4"	300	APM020
22MM	7/8"	300	APM022
26MM	1"	200	APM026
33MM	1 1/4"	50	APM033
40MM	1 1/2"	50	APM040
50MM	2"	40	APM050
60MM	2 3/8"	30	APM060
65MM	2 1/2"	10	APM065
70MM	2 3/4"	10	APM070
75MM	3"	10	APM075
80MM	3 1/8"	10	APM080
85MM	3 3/8"	10	APM085
90MM	3 1/2"	10	APM090
95MM	3 3/4"	10	APM095
100MM	4"	10	APM100
105MM	4 1/8"	10	APM105
110MM	4 5/16"	10	APM110
120MM	4 3/4"	10	APM120

Consumables-Pellets (projectiles)

Grinding Pellets

<u>Milimeters</u>	<u>Inch</u>	<u>Number of Pellets per package</u>	<u>Part Number</u>
6MM	1/4"	300	GP006
7MM	1/4"	300	GP007
10MM	3/8"	300	GP010
12MM	1/2"	300	GP012
14MM	1/2"	300	GP014
16MM	5/8"	300	GP016
18MM	11/16"	300	GP018
20MM	3/4"	300	GP020
22MM	7/8"	300	GP022
26MM	1"	200	GP026
33MM	1 1/4"	50	GP033
40MM	1 1/2"	50	GP040
50MM	2"	40	GP050
60MM	2 3/8"	30	GP060
65MM	2 1/2"	10	GP065
70MM	2 3/4"	10	GP070
75MM	3"	10	GP075
80MM	3 1/8"	10	GP080
85MM	3 3/8"	10	GP085
90MM	3 1/2"	10	GP090
95MM	3 3/4"	10	GP095
100MM	4"	10	GP100
105MM	4 1/8"	10	GP105
110MM	4 5/16"	10	GP110
120MM	4 3/4"	10	GP120



HN

JN - TN

BN



50 mm crimp &
adaptor head

50 mm

32 MM

Accessories

Nozzles

- HN—White used with tube, hose applications
- JN-TN —Green (JIC nozzle) used with MS fittings, male unions
- BN—Blue (BSP) used with British Standard pipe

Launcher Heads

- Durable
- Fast action interlocking system attaches securely to launcher
- Quick Release Face for easy nozzle insertion

Additional Accessories

- Pressure Valve
- Pressure Gauge
- UC ADPT (to use Ultra Clean Brand Nozzles With PSI Launcher)
- PSI ADPT (to use PSI nozzles with Ultra Clean brand Launcher)
- AM2-2100 Head with pressure valve
- 100MM Head Nozzles and adapters

AeroParts Plus^{Inc.}

A part of The CanRep group, AeroParts Plus, is an FAA approved Parts Manufacturing facility which manages the fabrication of various aircraft engine mount parts as well as a distributor of specialty products in the US.

Other than the PSI product Line, Aero Parts Plus is also a distributor of Helical wire inserts that provide a positive means for repairing, protecting and strengthening all tapped threads.

We are a distributor of environmentally safe cleaning and de-greasing solutions produced by Pertoferm.

AeroParts Plus is an approved representative and distributor of standard and specialty hinges from Aircraft Hinge of California.

If you have any questions about the PSI product line or any of the other lines that AeroParts Plus distributes, we would be happy to answer your questions.



AeroParts Plus, Inc.
12 Gregory Drive, Unit 1
South Burlington, VT 05403

802-489-5023 ph
802-489-5024 fax
Sales@aeroparts-plus.com
Aeroparts-plus.com