

HI-PRESSURE AIR OPERATED PISTON PUMPS

AOM high pressure pumps are specifically designed for airless and air assisted airless spraying of most conventional and waterborne materials, with the following advantages:

- High viscosity coatings with low-solvent content can be applied reducing overspray
- Environmentally friendly cleaner working conditions, 20-30% less VOC emissions when compared to conventional air spraying equipment
- Increased shop productivity thanks to a faster drying time and a quicker speed of application, one coat can be sufficient in most cases
- Maximise its advantages when used to apply high volumes of materials to medium and large surface areas

All wetted parts in high quality stainless steel including high pressure line filter and drain valve, tough Teflon piston packings, rod and cylinder in hard chromed stainless steel, tungsten carbide check balls and seats, stainless steel siphon assembly, industrial grade air filter with regulator and lubricator, safety shut-off and lock-out valve. User friendly flushing device. Very quiet and efficient air powered motor. Heavy-duty cart with pneumatic tyres, including a bracket for wall mounted option, CE approved.

Application areas: furniture finishing, woodcoating shops, farm and construction equipment, small and medium industries, marine and rail, general metal finishing, aerospace, bus and truck, drum refinishing.

Excellent for use with a wide range of fluids: Stains, Dyes, Lacquers, Polyurethanes, Waterbornes, Varnishes, Enamels, Primers, Sealers, Fillers, Zincs, Acrylics, Inks, Lubricants, Epoxies.

K15

- 15:1 ratio Airless unit, thanks to its high delivery and overpowered motor size is excellent for applying a broad range of materials, including medium viscosity coatings, on wood furniture and cabinets, fabricated metal parts, farm implement and construction equipment manufacturing and structural steel
- It can operate multiple guns simultaneously, either manual or automatics, depending on the tip size selected
- Cart or wall mounted options, siphons directly from manufacturer's container. A 5 ltr (1.3 gal.) gravity tank is available for small quantities
- Adjustable spraying pressure from 0 to 120 bar (0 to 1,750 psi), operates tips from 007" to 021" depending on the number of guns installed, hose length and viscosity of material being sprayed



K25

- 25:1 ratio Airless unit for small and medium surface areas and light to medium viscosity materials
- Cart or wall mounted options, siphons directly from manufacturer's container. A 5 ltr (1.3 gal.) gravity tank is available for small quantities
- Adjustable spraying pressure from 0 to 200 bar (0 to 2,850 psi), operates tips from 007" to 021" depending on the number of guns installed, hose length and viscosity of material being sprayed



K30

- 30:1 ratio Airless unit, thanks to its high delivery it is excellent for medium and large surface areas, can operate multiple Airless guns simultaneously, either manual or automatics, depending on the tip size selected
- Cart or wall mounted options, siphons directly from manufacturer's container. A 5 ltr (1.3 gal.) gravity tank is available for small quantities
- Adjustable spraying pressure from 0 to 240 bar (0 to 3,500 psi), operates tips from 007" to 031" depending on the number of guns installed, hose length and viscosity of material being sprayed



Product No.	Volume Per Cycle		Delivery		Max Fluid Pressure		Max. Air Pressure		Working Pressure		Air Consumption		Dimensions		Weight	
	cc	oz	l/min	g.p.m.	bar	psi	bar	psi	bar	psi	l/min	c.f.m.	cm	in	kg	lbs
K15	93	3.2	4	1.6	120	1750	8	115	3-8	40-115	190	6.65	59x49x99	23x19.3x39	25	55
K25	22	0.78	3	0.8	200	2850	8	115	3-8	40-115	190	6.65	59x49x99	23x19.3x39	25	55
K30	55	2	6.5	1.6	240	3500	8	115	3-8	40-115	840	29	59x49x99	23x19.3x39	30	66

HI-PRESSURE AIR OPERATED & ELECTRIC PISTON PUMPS

K45

- 45:1 ratio Airless unit for small and medium surface areas and medium to heavy viscosity materials
- Adjustable spraying pressure from 0 to 360 bar (0 to 5,100 psi), operates tips from 007" to 021" depending on the number of guns installed, hose length and viscosity of material being sprayed
- Cart or wall mounted options, siphons directly from manufacturer's container.
- A 5 ltr (1.3 gal.) gravity tank is available for small quantities

Product No.	Volume Per Cycle		Delivery		Max Fluid Pressure		Max. Air Pressure		Working Pressure		Air Consumption		Dimensions		Weight	
	cc	oz	l/min	g.p.m.	bar	psi	bar	psi	bar	psi	l/min	c.f.m.	cm	in	kg	lbs
K45	32	1.13	4	1	360	5100	8	115	3-8	40-115	840	29	59x49x99	23x19.x39	30	66



K45



Electric

K190



Electric

K350

K190

- Ideal for a broad range of application, particularly meeting all requirements of professional house painters
- It may atomise medium to high viscosity materials such as waterborne or solvent base architectural coatings, emulsion wall paint, latex, distemper and enamels
- All wetted parts in high quality stainless steel (AISI 316/303), including high pressure manifold filter; Teflon (four-lipped) 'V' packings, electronic pressure control, Tungsten carbide check balls and seats, upright cart with telescopic handle

K350

- The most reliable partner for a broad range of applications, particularly meeting all requirements of contractors and professional house painters
- It may atomise medium to high viscosity materials such as roof coatings, waterborne or solvent base architectural coatings, emulsion wall paint, latex, distemper, fire-proofing and bituminous coatings, fluid adhesives and enamels
- All wetted parts in high quality stainless steel (AISI 316/303), including high pressure manifold filter; Teflon (four-lipped) 'V' packings, electronic pressure control, Tungsten carbide check balls and seats, upright cart with telescopic handle

Product No.	Motor Type (DC) Single Phase		Power		Max Working Pressure		Delivery		Tip Size
	Volts	Hz	Kw	HP	Bar	PSI	L/min	GMP	
K190	230	50	0.55	0.75	220	3140	2.9	0.5	1 x 0.023"
K350	230	50	1.1	1.5	220	3140	4.0	1.0	1 x 0.031"

K90 - Manual Airless Gun

- Heavy duty gun for virtually all applications and materials; maximum fluid pressure 500 bar (7,140 psi)
- Lightweight, only 440 gr (15.5oz) and four finger ergonomic trigger
- Durable construction, fluid passage directly through the diffuser without contact with piston and spring. Head and body made of anodised aluminium, tungsten carbide ball valve and seat, stainless steel fluid inlet, 1/4" swivel and needle
- Safety dual orifice diffuser, trigger lock and trigger guard
- Includes in-handle 100 mesh long filter, plus one spare filter and wrench
- Optional: single large orifice diffuser for glue application (G guard compatible), swivels 16 x 1.5, 1/2" JIC, 1/4" NPS and 1/4" NPT; 30,60 and 200 mesh in-handle filters



K81 - Airless Automatic Gun

- Automatic spraying of high viscosity materials is extremely simple with K81, which allows precise control of fan width and gun travel speed on production line
- Spring loaded piston, anodised forged aluminium body, tungsten carbide ball valve and seat, stainless steel 1/4" or 3/8" fluid inlet.
- Durable to last longer, no spring in the fluid passage
- Weights only 400 gr (14.11oz)
- Maximum fluid pressure 250 bar (3,550 psi)
- Optional: dual fluid inlet for circulation or easier colour change and flushing operations



ASRV55 - Fluid Heater

- Fluid heater ASRV55 is the solution to reduce the viscosity and the need of pressure (air as well as fluid) for correct HVLP or conventional air spray, air assisted airless or airless applications, with the highest quality films.
- ASRV55 features an electronically operated, very precise thermostatic temperature control up to 100°C (212°F)
- Safety explosion-proof european certification
- Stainless steel fluid passages and fittings ($\frac{3}{8}$ "M), it is designed for fluid pressures up to 350 bar (5,000 psi)

Code A

- Stainless steel in-handle filters: coarse, medium, fine and extra fine

Code B

- Stainless steel fluid inlet swivels
- Available in various sizes for K90

Code C

- High pressure fluid hose, textile or metal braid
- Flexible and kink resistant

Code D

- Gun circulation
- Three ways stainless steel connector

Code E

- Self-cleaning reversible tips and safety guards



K1 MIX - Air Assisted Airless Manual Gun

- Lightweight with a very high transfer efficiency and superior finish quality
- 250 bar (3,500 psi)
- Corrosion proof wet parts, forged anodised body and air cap, stainless steel gun head, fluid inlet, needle and filter holders, teflon packings and seals, tungsten carbide seat and ball
- No problem with today's waterborne coatings
- Variable fan adjustment, perfect control of spray pattern size, greatly reduces waste of material and downtime for tip change
- Flat tip, variable air inlet adjustment, long or short filter options, according to end user choice

Code A

- K1 MIX standard flat tip and air cap. The best and most efficient air spraying system, virtually eliminates overspray, greatly reduces material consumption providing superior atomisation

Code B

- K1 MIX dual hose: material $\frac{3}{16}$ " and air $\frac{1}{4}$ ", 7.5m (24.5ft) length
- $\frac{1}{4}$ " F swivelling fittings
- Max fluid pressure 225 bar (3,200 psi)

Code C

- Stainless steel filter holder for long filter
- Supplied with stainless steel filter coarse, medium, fine or extra-fine
- Filter and thread sizes (F and M) to be specified

Code D

- Stainless steel filter holder for short filter
- To be fitted at gun's fluid inlet (FM $\frac{1}{4}$ " BSP)
- Supplied without stainless steel filter

Code E

- 3A-MIX, air assisted airless self-cleaning reversible tip
- Ball tip key
- Virtually eliminates waste of time for messy cleaning operation

Code F

- Spray gun maintenance kit: includes 12 stainless steel broaches and 1 cleaning brush
- Perfect for removing dry paint particles from air cap, nozzle and difficult to reach gun's part



3A MIX

- New revolutionary self cleaning reversible tip
- The first air assisted airless spraying system which allows to work as fast as airless
- Tip clogging is the most common problem of air assisted airless application
- Simply turn the reversible tip to remove particles from spraying orifice, virtually eliminating expensive downtime due to cleaning operation
- 3A spray tip and air cap are designed to allow high quality finishes, even better than conventional flat tip systems



AP - Stand Mounted Agitator

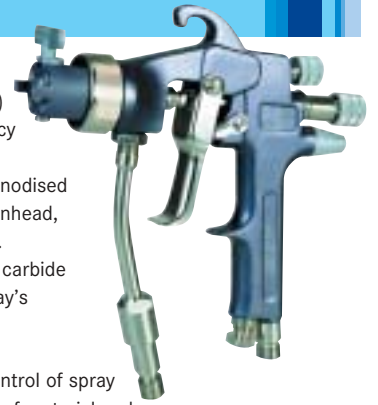
- Stand mounted air operated agitator with infinitely variable speed control from needle-type air control valve
- Can be used on manufacturer's original containers up to 40L (10.6gal) to keep coating in suspension, preventing separation and settling
- Stainless steel shaft and helic



Motor HP (kW)	R.P.M.	Air Consumption l/min (cfm)	Max Pressure bar (psi)	Weight kg (lb)	Shaft Length mm (in)
1/4	200 - 1,200	100	6	2.4	430
0.2		3.5	85	5.3	15

K1 3A MIX

- Air assisted airless manual production gun, 180 bar (2,500 psi)
- Provides very high transfer efficiency and superior finish quality
- Corrosion proof wet parts, forged anodised body and air cap, stainless steel gunhead, fluid inlet, needle and filter holders. Teflon packings and seal, Tungston carbide seat and ball. No problem with today's water borne coatings
- Lightweight, ergonomic design
- Variable fan adjustment, perfect control of spray pattern size, greatly reduces waste of material and downtime for tip change
- Self-cleaning reversible tip (3A MIX) or flat tip options
- Variable air inlet adjustment
- Long or short filter options, according to end user



K570 INOX - Line Filter

- High pressure manifold line filter in stainless steel
- Pressure up to 400 bar (5,700 psi)
- Supplied with stainless steel filter and connections
- Provides non-pulsing material supply
- Perfect for water borne materials



Accessories

Code A

- Wall mounting bracket. Either for cart (easy-to-remove) or wall mounting options

Code B

- Stainless steel, high pressure relief ball valve (M 1/4" - M20x2), to relieve pressure in the system from return hose

Code C

- 5l (1.3 gal) nylon graduated gravity tank, supplied with U connection (M1" x F3/4") and return hose

Code D

- Stainless steel high pressure fluid gauge with T-fitting (MF 1/4"): connection between pump and fluid hose to set control spraying pressure

Code E

- Stainless steel siphon hose assemblies (F 3/4" - F 20 x 2) with filtering screen
- No problem with water borne materials

Code F

- Stainless steel pump manifold replacement filters. 30, 60, 100 and 200 mesh

Code G

- Siphon tube filters for small cans of medium to high viscosity materials
- Thread F 28 x 1.5, order with adaptor M 28 x 1.5 - F 1/2"
- Easy to replace stainless steel filtering net, 30 or 60 mesh

Code H

- Nylon filters holder, with 1/2" F connection to siphon hose, 30 and 50 mesh filtering screens and stainless steel spring

