

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

