

System Wash

Manufacturers of Quality High Pressure Cleaning Equipment

HSA Range

The **HSA** Range has been constructed using the very latest computer aided design and manufacturing systems available, in our own Yorkshire factory. As a result of this technology, all the service and repair parts are very accessible and easy to maintain with no compromise to the striking appearance. The **HSA** is an extra heavy - duty, no - nonsense machine built to operate in extreme conditions and must not be confused with lower level equipment, at SystemWash we design our machines through experience and every machine is assembled to the same exacting high standard and tested thoroughly before it leaves our factory; quality, reliability and value are the key factors.

Quality Without Compromise

HSA units are manufactured completely from heavy gauge 304 stainless steel with a large capacity integral water tank featuring a type A air gap and a WRAS approved hi - flow ball valve to BS 1212 .To enable easy service access, the door and top cover remove easily, both are fully lockable to prevent unauthorized access. Stainless steel plays an important role in **SystemWash** machines because of its durability, rigidity and anti corrosion properties.



Heavy Duty Fuel filter



Remote Switching Pad





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Motor

All **HSA** units feature a direct drive four-pole electric motor running at 1400 – 1450 RPM, incorporating squirrel cage rotor construction and bi-directional cooling fan providing maximum efficiency.

Boiler

The boiler comprises of a heavy gauge epoxy powder coated jacket, featuring stainless steel upper and lower head assemblies and a stainless steel lower flame break ring. Heat diffusion is maximized by a retained fire cement bottom and deflected around a double wound seamless heavy section steel coil assembly making this unit compact but highly efficient.

The fuel system features multi-stage filtration on all HSA units

Pump

All **HSA** machines are fitted with top quality industrial pumps featuring a 3-piston ceramic plunger system, long life hardened crankshaft and oil immersed bearing profile. All the wetted parts are constructed of brass or stainless steel ensuring maximum anti corrosion properties. The whole range is equipped with the unique **F.S.A. System**. This comprises of a special flow sensitive regulator, which ensures pressure does not remain trapped in the high-pressure line during bypass operation or shut down mode. Low voltage controls (24v) have been fitted as standard to achieve maximum operator safety, complemented by a fully automated, timed total shut down system with mains interruption release and thermal overload protection for motor and boiler, fuel connections feature fire valves on feed and return as standard and a large capacity fuel tank with Low-level fuel cut off is optional for all **HSA** models. **HAS** machines are superb, providing long-term reliability, durability and optimum performance, an investment that will serve you for many years to come.

Model No	Pressure	Flow	Temp	Power	Run Load		RPM	Dimensions	Weight
	Bar	LPM	Deg C	Volts	Amps	Kw			Kilos
12100 HSA	90	12.5	80	230V	13	2.3	1450	H = 1510 W = 950 D = 580	190
15200 HSA	180	15	75	400V	3 x 12	5.6	1450		200

All **HSA** Machines are Supplied complete with 9 Metres of 2 wire quality high pressure hose, heavy duty trigger gun and 900mm lance.

Options

Remote switching pad up to 50 metres - Key over-ride on all functions - Tamperproof controls

Connections

Inlet: 1/2" and 3/4" hose tail - Quick release at rear
 Outlet: Quick release at left side
 Power: 6 Metres Cable at Right side
 Chemical: 1.5 Metres 1/4" pipe at rear
 Fuel: 3/8 Male at rear, feed and return
 60 Litres - integral (Optional)

Local Dealer