



### Did you know?

The INLET piping to your pump must be sized to the pump volume. The plumbing diameter should be greater than the size of the inlet port of the pump. Any joints in the inlet plumbing must be tightly sealed to avoid air leaks and cavitation, and try to eliminate elbows and tee's from the feed of the pump. If possible, plumb feed water into both sides of the manifold. Water availability should be at least 1½ times the pump's requirement.

The OUTLET plumbing must be suitable to withstand the pressure and volume of the pump. Undersized plumbing can result in low discharge pressure at the gun.

The BY-PASS plumbing must not be restricted and should be as big as possible. It can be plumbed back into the header tank, or fed back to the head of the pump if the supply of water is from the mains.

### Meet our Durban sales team

Chris is the latest member of the sales team joining Doc, Dan, Muhammad and Ossie.



### HAWK PUMPS SOUTH AFRICA

**Monitor Distributors cc**  
336 Sydney Road,  
Umbilo, Durban  
Tel: (031) 274-8555

**Hawk High Pressure Pumps**  
244 Ian Close,  
Greenhills Industrial Park,  
Tunney, Ext 7, Germiston  
Tel: (011) 822-4039

Manufacturers of  
**Hawk** brand of products

www.hawkpumps.co.za  
sales@hawkpumps.co.za



### High Pressure Hose Boom

Hawk's new, locally manufactured, rotating high pressure hose boom swivels through 360° if mounted under the roof, or 180° if the vertical wall mount bracket is used.

Made entirely from stainless steel they are capable of handling very high pressures. Traditionally used for carwash applications, these booms also have wide industrial uses where hoses should be kept off the floor.

Another option is to use a Hawk hose reel, either manually wound or auto-rewind. They are made from stainless steel to prevent corrosion.



**HHP2750** 500bar 27 l/min 1450 rpm  
**HHP3650** 500bar 36 l/min 1450 rpm  
**HHP4150** 500bar 41 l/min 1450 rpm  
**HHP5040** 400bar 50 l/min 1740 rpm

### New Hawk 500 Bar Pump

This heavy-duty, cost-effective pump range designed for the most demanding cleaning applications, features the new "EcoBrass" head. EcoBrass is a new lead-free brass alloy with excellent machining and forging properties and high mechanical strength, equal to stainless steel 316.

The head has European approval for food and salt water use.

**A steady speed with a consistent working distance will give the best results**

**STREAKS**  
Tip too small or paint too thick

**HEAVY TAILING**  
Pressure too high or tip too large.

**EVEN FAN**  
Correct pressure and tip selection

### Pressure & tip selection for your airless sprayer

Correct adjustment of pressure and proper tip selection are crucial to the best spray pattern!

In any situation, the lowest pressure that gives an adequate spray pattern is the best pressure to use. It will give maximum pump and tip life and produce minimum overspray.

Typically, thicker materials require larger tips and higher pressures than thinner paints do. Some very thick paints may require slight thinning (5-10%) depending upon pump and tip size and application. Generally, thinning is performed when a good spray pattern cannot be obtained with an appropriate tip size at maximum pressure.

Too low a pressure results in thick top and bottom edges on the spray pattern ("fingers"). Too high a pressure wasteful and messy, and the pressure should be reduced until the fingers just disappear. It is usual for inexperienced operators to simply turn the pressure up to maximum. This should be discouraged.

To unsubscribe to this newsletter or to receive an electronic version via email, please contact

Pamela on (031) 274-8555  
or email  
pam@hawkpumps.co.za

