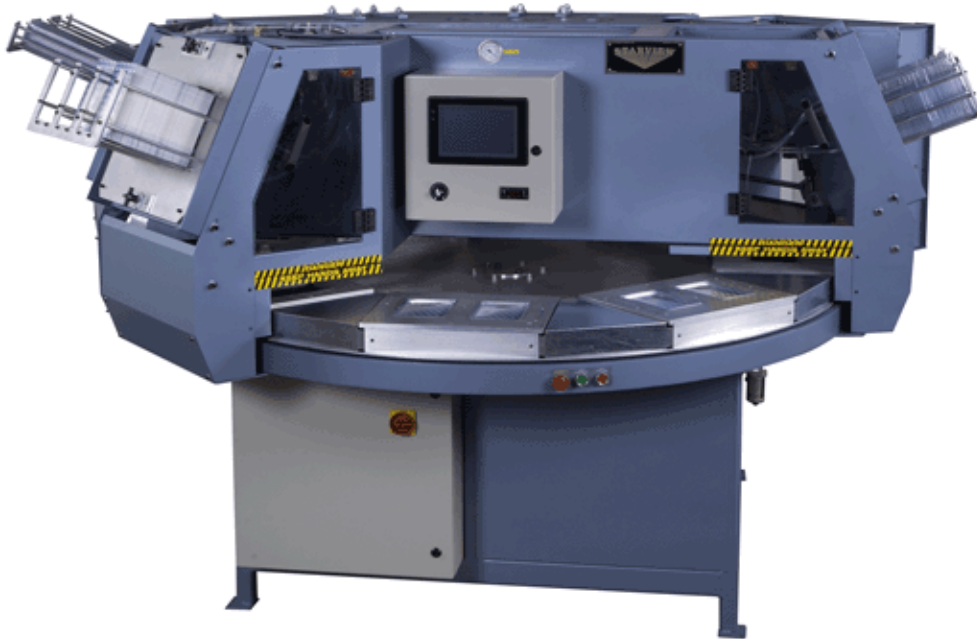


Starview's PHS Series provides maximum versatility for OEM's and Contract Packagers



Model PHS8A-1418

Are your customers getting the most versatility for the dollar? Our PHS Series Clamshell and Blister Sealing Machine Series offer the ability to seal plastic-to-plastic clamshell packages with the exception of PET materials at speeds of up to 14 cycles per minute. These machines can be configured to seal two-piece clamshell packages and conventional hinged clamshell packages with full seals or spot seals. Our Hot and Cold process is unique and accordingly we have applied for a Patent to cover it.

By simply shutting down the "Cold" press, adjusting the pressure and temperature of the "Hot" press and using blister sealing fixtures the PHS Series machines become Blister Packaging Machines. This offers Contract Packagers in particular the opportunity to fully utilize the machine regardless of the type of package being produced.

Some of the notable features of the PHS Series include:

- ★ The model range includes the PHS1 one station shuttle for low volume and entry level applications, PHS6 & 8 medium volume semi-automatic rotaries and the PHS8A fully automatic rotary.
- ★ Automation - Optional clamshell/blister placers, card placers and finished package unloading systems are available for the PHS6 & 8 models. The PHS8A comes standard with feeders for the clamshell bottom, insert card, clamshell top and a finished package unloading system.
- ★ The Hot and Cold stations feature adjustable pneumatic cylinder stroke settable by a proximity switch to improve cycle speed and reduce air consumption. The machined face

plates used for clamshell sealing or optionally for blister sealing are quick-change and do not require any hand tools to change.

- ★ A cam index drive system coupled with an AC variable frequency drive is used to move the table on rotary models. These drives offer precision indexing along with very fast table movement without disturbing products or packaging materials. Table speeds are adjustable.
- ★ Rotary models feature the Omron PLCs and full touch screens. All of the machine functions, set-up, alarms, etc. are accessed through the operator interface touch screen. In addition parts lists for mechanical, electrical and pneumatic components are included in the operator interface.

Which one of your customers is ready to replace his machines with the latest and most versatile technology?

[New Medical/Pharmaceutical Shuttle Sealer introduced at MD&M and Westpack 2005.](#)



Model MS/PH1-1822

Shown for the first time at the Medical Device & Manufacturing / Westpack Show 2005 in Anaheim, CA was our new Medical / Pharmaceutical Shuttle Sealer. We have given careful attention to the validation requirements of companies producing Medical Device Packages.

This is a single shuttle type machine with consideration for the typical space constraints in clean rooms. The machine can back up to another type of machine, conveyor or wall. The single shuttle only requires one sealing fixture thus reducing the cost of the aluminum tooling employed in clean room applications.

Some of the key selling points of this new machine are:

- ★ The 8" high pressure pneumatic cylinder is mounted in the bottom of the machine. Actuation raises the aluminum tooling towards the fixed hot plate. This insures that there are no

moving or wearing parts above to accidentally drop foreign matter into the packages prior to sealing.

- ★ The hot plate is multi-zoned with temperature settings made directly from the touch screen operator interface. Each temperature controller is programmed with high and low temperature alarms.
- ★ Air line pressure is transmitted to the touch screen operator interface panel via a transducer. A settable low pressure alarm is included in the program parameters.
- ★ The touch screen operator interface panel includes extended capability features such as password protected temperature, pressure and timer settings and an on screen log of the previous 50 seal cycles including temperature, pressure and seal time. All of the typical Starview screen features such as alarms, timer settings, fault finding and mechanical, electrical and pneumatic parts lists are also included.
- ★ The upper housing and guards are constructed of stainless steel. The machine frame is welded heavy-wall tubing painted with steel-it epoxy paint for a very durable finish. These are robust machines designed to give years of trouble free service.

The medical industry continues to grow every year. Make certain your medical industry accounts are aware that Starview produces shuttle, rotary and inline machines specifically for their industry. We can grow together to become the market leaders in this active industry.