

Model 4000P Rotary Band Heat Sealer



Urania Engineering has been supplying manufacturers and suppliers with pre-formed pouch sealing and packaging systems for over 25 years. Our equipment is ideally suited for medical device and pharmaceutical packaging. Other common applications include food and dry bulk products. We invite you to take advantage of our extensive technical experience in these fields. Whatever the scope of your unique requirements, Urania equipment will assure predictable and cost effective results.

In compliance with packaging standards for food and medical devices, our **Model 4000P** system utilizes an Omron CPU and HMI to control all aspects of sealer operation. The **Model 4000P** is fully validatable with respect to speed, temperature, *and* force. Urania utilizes a real-time monitoring system for all three of these crucial sealing parameters and reports any error immediately to the user

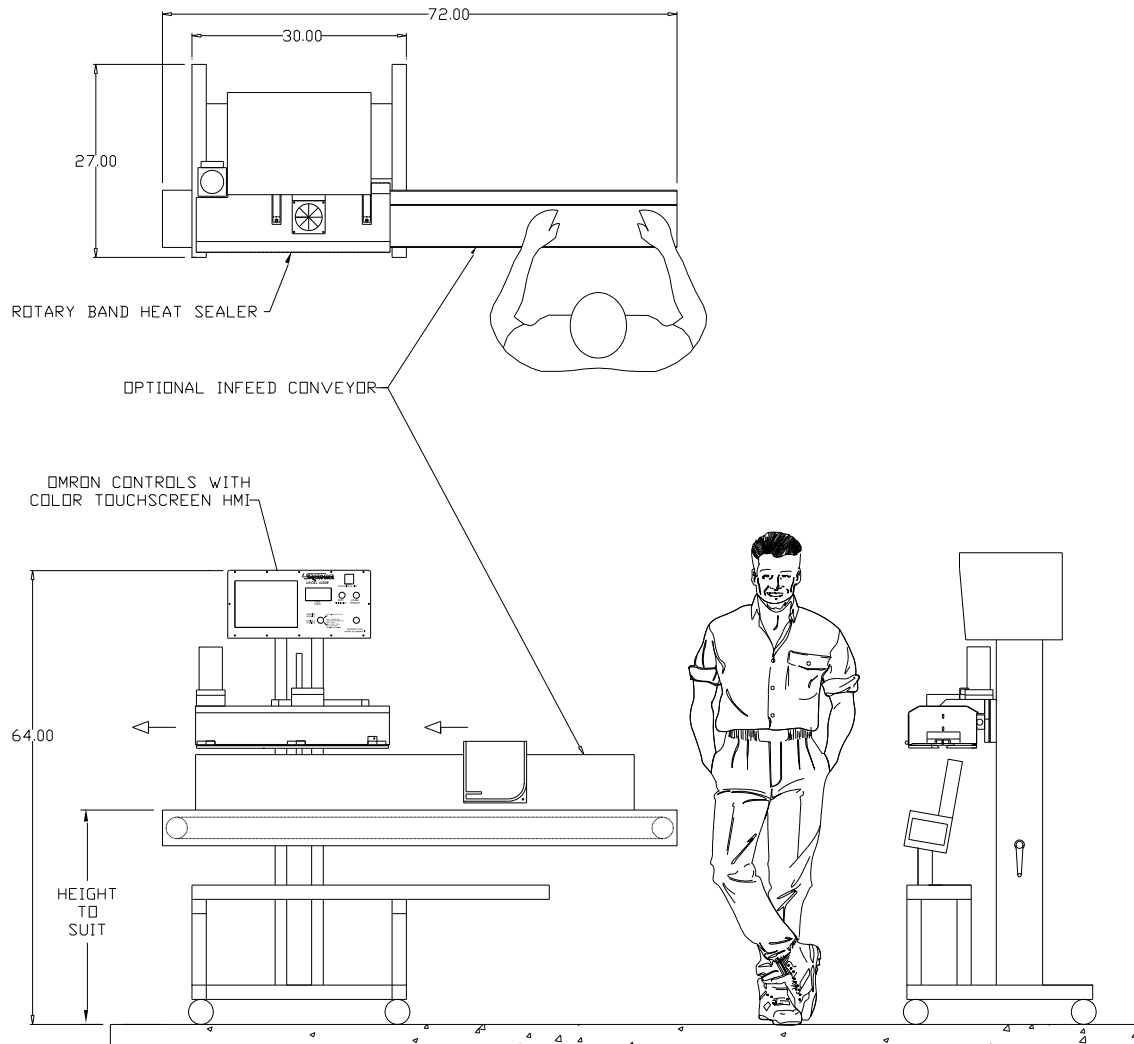
Settings and parameters are stored in a digital recipe system so that changeover from one pouch to another takes less than five minutes. One hundred different recipes can be stored and accessed with the push of a button. One sealer can now handle all your pouch variations.

An alarm and error history with time/date stamp is standard. The alarm/error information may be downloaded to a customer supplied printer, compact flash, or through an Ethernet connection. Alarms for belt speed errors, force limits, and temperature variations ensure proper operation and immediate notification in the event of a problem.

Various options are available such as powered conveyors or infeed devices, pouch trimming, and gas flush or nitrogen injection systems. The sealing head is mounted on our height adjustable, stainless steel stand with locking casters. A product reject escapement device is also available to divert improper pouches at the exit of the sealing head. Both English and Spanish interfaces are available, along with CE and CSA ratings.



4000P Control Panel with English / Spanish Interface



SYSTEM REQUIREMENTS

Power Source	115 VAC/60 hz 15A 220VAC with CE certification upon request
Floor Space	30" long x 27" wide x 66" high 72" long x 27" wide x 66" high (with optional conveyor)



GENERAL SPECIFICATIONS

All electrical components (AC) shall comply with UL61010A-1 (UL3101-1 first edition) or UL-sticker on the unit.

Speed Range	100 - 600 in/min standard
Approximate Weight	250 lbs.
Construction Materials	304 stainless steel, anodized 6061 aluminum and Lexan
Sealing Head Adjustability	Vertical and rotational
Sealing Belts	Teflon® coated Fiberglass Optional Kevlar® reinforced
Temperature of Operation	100°C - 300°C standard