

SONOBOND



SeamMaster Modules with rotary sonic system and rotary pattern wheel provide high-quality seaming and trimming for woven and nonwoven materials.



SeamMaster Modules

A cost-effective way for OEMs to incorporate seaming, slitting, crosscutting, and trimming capabilities into special-purpose ultrasonic bonding machines for the textile and apparel industries. These modules feature a rotary ultrasonic system used in conjunction with a rotary pattern wheel to produce superior results than stationary sonic methods.

General Description

SeamMaster Modules provide Original Equipment Manufacturers with an effective way to integrate seaming, slitting, and trimming capability into special-purpose bonding machines or production lines. These ultrasonic sewing units offer a variety of stitch patterns to perfectly fuse and seal seams for both woven and nonwoven materials. SeamMaster Modules include the motor drive for the sonics and the pattern wheel.

Features and Benefits

- Runs problem-free in continuous operation
- Seams, trims, and seals without thread, glue, or other consumables
- Requires only one pass through the machine
- More efficient than sewing, heat sealing, adhesive machines, or stationary sonic operations
- Performs faster than conventional sewing machines and adhesive methods
- Virtually eliminates fraying or unraveling of bonded edges and seams
- Available in a variety of easy-to-change stitch and slit pattern wheels
- Single, multi-, or dual head arrangements
- Requires only minimal operator training



Choose from a variety of stitch patterns to perfectly fuse and seal seams.



Applications

Sonobond SeamMaster Modules are uniquely suited for convenient integration by Original Equipment Manufacturers into a wide variety of special-purpose ultrasonic bonding machines and production line equipment for use in the textile and apparel industries.

Materials most suited for use with SeamMaster are either 100 percent synthetic or blends with up to 40 percent natural fibers. These include lycra spandex, tricot, polyester, nylon, acrylics, vinyls,

polypropylene, PVC, and thermoplastic urethane – constructed as wovens, nonwovens, knits, films, laminates, and coatings.

Product applications include filters, medical apparel, safety products, draperies, blankets, oil-absorbent pads, floor mats, carpet backing, banners, flags, and netting.

Specifications

MODULE

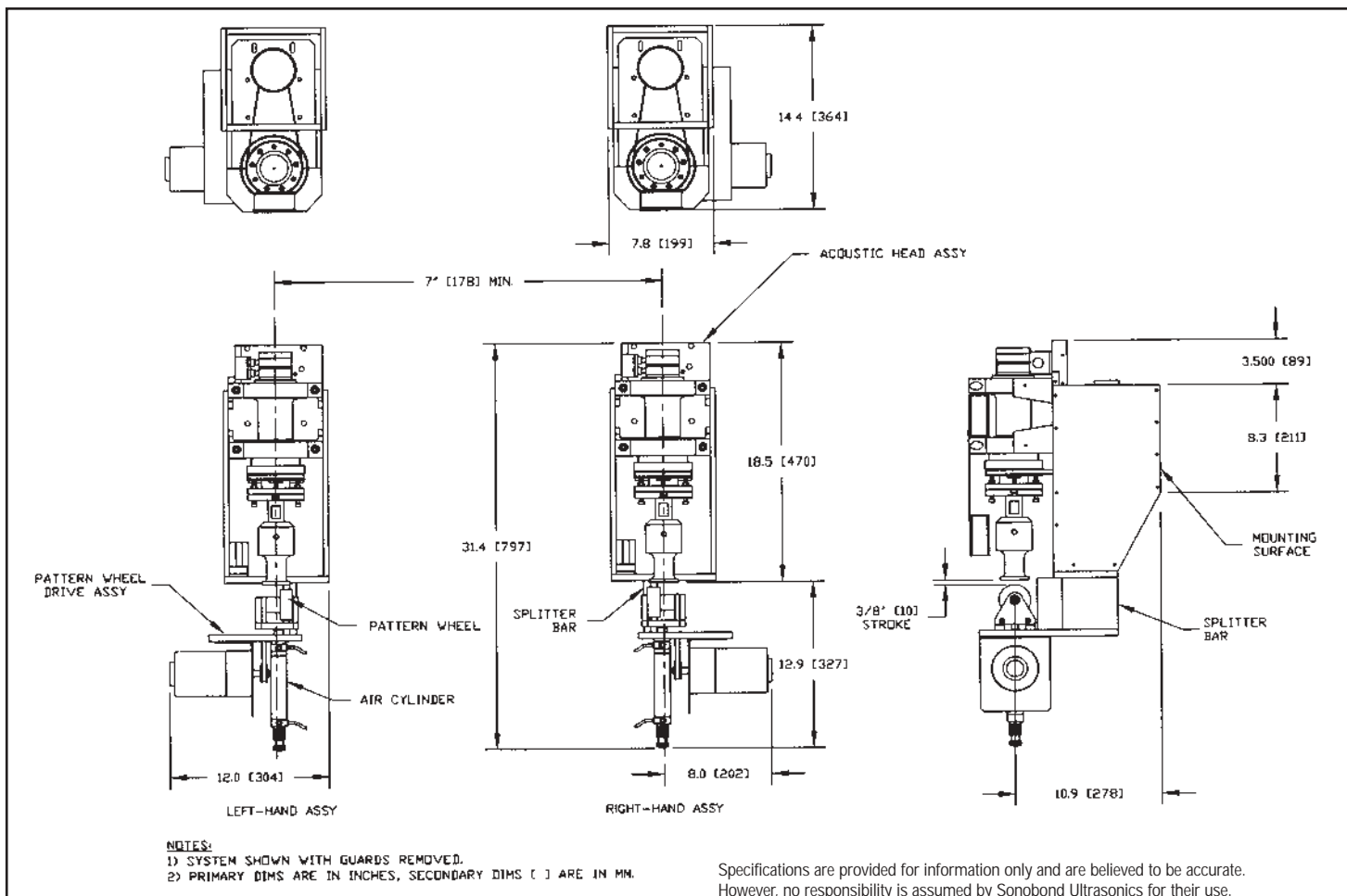
Frequency:	20kHz
Size:	See drawings below
Weight:	Approximately 75 lbs. (34kg)
Tuning:	Automatic
Pattern Width:	Up to 1-inch (25mm)
Standard Speed:	60 ft. per minute (18m/min.)
Optional Speed Kit:	120 ft. per minute (36m/min.)

POWER SUPPLY

Frequency:	20kHz
Size:	15" high x 6" wide x 23" deep (381mm x 152mm x 584mm)
Weight:	30 lbs. (14kg)
Services:	110 or 220 volt; 12 amp

Ordering Information

SM slit/seamer module



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 ULTRASONICS

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