



## High-speed modular labeling system.

### Flexible Modular Design

Weber's Alpha HSM can be configured in a variety of models to handle multiple speeds, product types, and label sizes. The labeling system's modules include a drive module, a label detection module, a dispensing module, an unwinder module, a rewinder module and an adapter module. These can be assembled according to a customer's specifications using our configurator to create just the right label applicator for their product line.

### Versatile Labeling

Every packaging line is different, so Weber engineered the modular Alpha HSM so that it can be ordered in ten different versions to fit just about any labeling application. Available in right- or left-hand versions, the Alpha HSM has 5.3" (135mm), 7.8" (200mm), 9.8" (250mm) and 12.6" (320mm) label width versions. The HSM can keep up with line speeds up to 328 feet (100 meters) per minute.

With a labeling accuracy of  $\pm 0.01"$ , the Alpha HSM can handle labels as small as 0.39" x 0.39" (10mm x 10mm) and up to 12.5" x 78.7" (320mm x 2000mm) (W x L). Depending on the label width configuration, the HSM can use 12" OD label rolls or optional 19" OD rolls on 3" diameter cores (see specs on back).

### Special Features

- Applies labels from 0.39" x 0.39" (10mm x 10mm) up to 12.5" x 78.7" (320mm x 2000mm)
- Operates at speeds up to 328 feet (100 meters) per minute
- Servo-controlled unwind/rewind modules for faster throughput



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Packaging Solutions

# Alpha HSM *General Specifications*

## Dimensions

Depends on configuration

## Weight

35-105 lbs. (16-48kg) depending on configuration, without labels

## Electrical

90-240 VAC, 47-63 Hz

## Maximum Dispensing Speed

Up to 262' per minute (80m/minute)  
328' (100m) on request

## Maximum Conveyor Speed

492' per minute (150m/minute)

## Maximum Label Width

Alpha HSM-135: 5.3" (135mm)  
Alpha HSM-200: 7.8" (200mm)  
Alpha HSM-320: 12.6" (320mm)

## Application Accuracy

±0.01" (0.03mm)

## Maximum Label Length

78.7" (2000mm)

## Minimum Label Size

0.39" x 0.39" (10mm x 10mm)

## Temperature

32°-107°F (0°-42° C)

## Electrical

90-240 VAC, 47-63 Hz

## Maximum Label Roll

The 310mm (12.2") will handle a 12" OD roll.

The 405mm (15.95") will handle a 12" or 15.75" OD roll.

The special 500mm (19.6") will handle a 12", 15.75" or 19" OD roll.

## Compliance

IP65 rated



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