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 customers 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 ±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 label rolls up to 19” in diameter on 3” diameter cores.

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
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
32º-107ºF (0º-42º C)

Electrical
90-240 VAC, 47-63 Hz

Maximum Label Roll
19” (500mm)

Compliance
IP65 rated