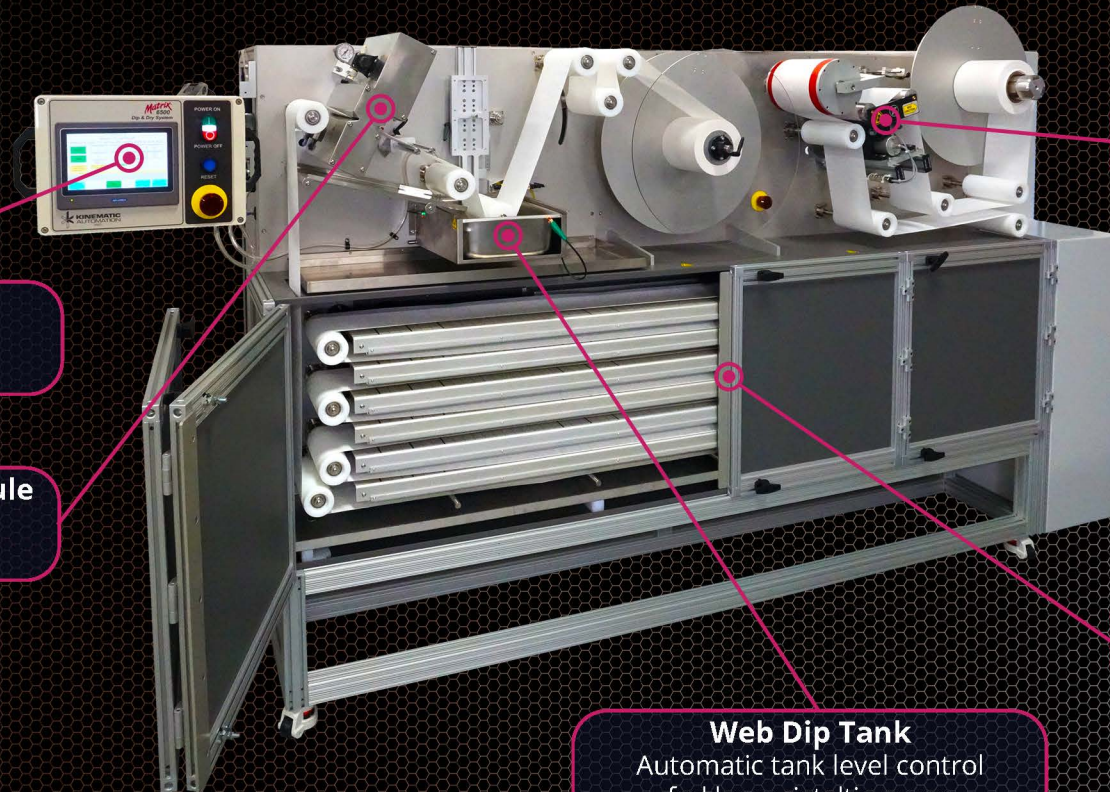


Matrix™ 6500

Up to 12
cm/sec

Web Dip-coating & Drying System



Programmable HMI
Store and call-up recipes
for different products

Pneumatic Squeegee Module
Reduces excess liquids for
faster, more even drying

Web Steering Module
Steers web on to take-up reel
for tight web edge tolerances

Drying Chamber
Adjustable temperature, air flow,
and web path

Web Dip Tank
Automatic tank level control
fed by peristaltic pump



The Matrix 6500 allows for continuous coating of membrane materials for lateral flow assays and other, similar products.

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Capacities

Reel outer diameter: 51 cm
Reel core inner diameter: 7.62 cm
Web width: 2.54 - 15.2 cm
Dip tank with various saturation positions
Drying chamber path variable, up to 15.24 m
Dryer temperature variable up to 80°C

Performance

Web speed: 1.0 cm/sec to 12.0 cm/sec
±2% full scale accuracy

Facilities Requirements

Power: 208-240 VAC 60/50 Hz 30-60 amps single phase
Phase/amperage varies depending on options
Process air: 28 lpm @ 5.5 to 8.3 bar

Dimensional Specifications (approx.)

Size: 270 cm W x 90 cm D x 175 cm H
Weight: 500 kg (1100 lb)

Key Features

Simple setup and operation
Recipe storage to support multiple products
Variable web tension control
Closed loop speed control
Touch screen operation on integral swing arm
Automatic dip tank level control with peristaltic pump
Output & take-up reel flanges provided
Integral casters for easy mobility
Automated web steering unit

Options

Pneumatic squeegee assembly with adjustable pressure
Dehumidifier for dryer
Lexan safety enclosure



Safety Cover Option



Pneumatic Squeegee Option



Specifications subject to change without notice