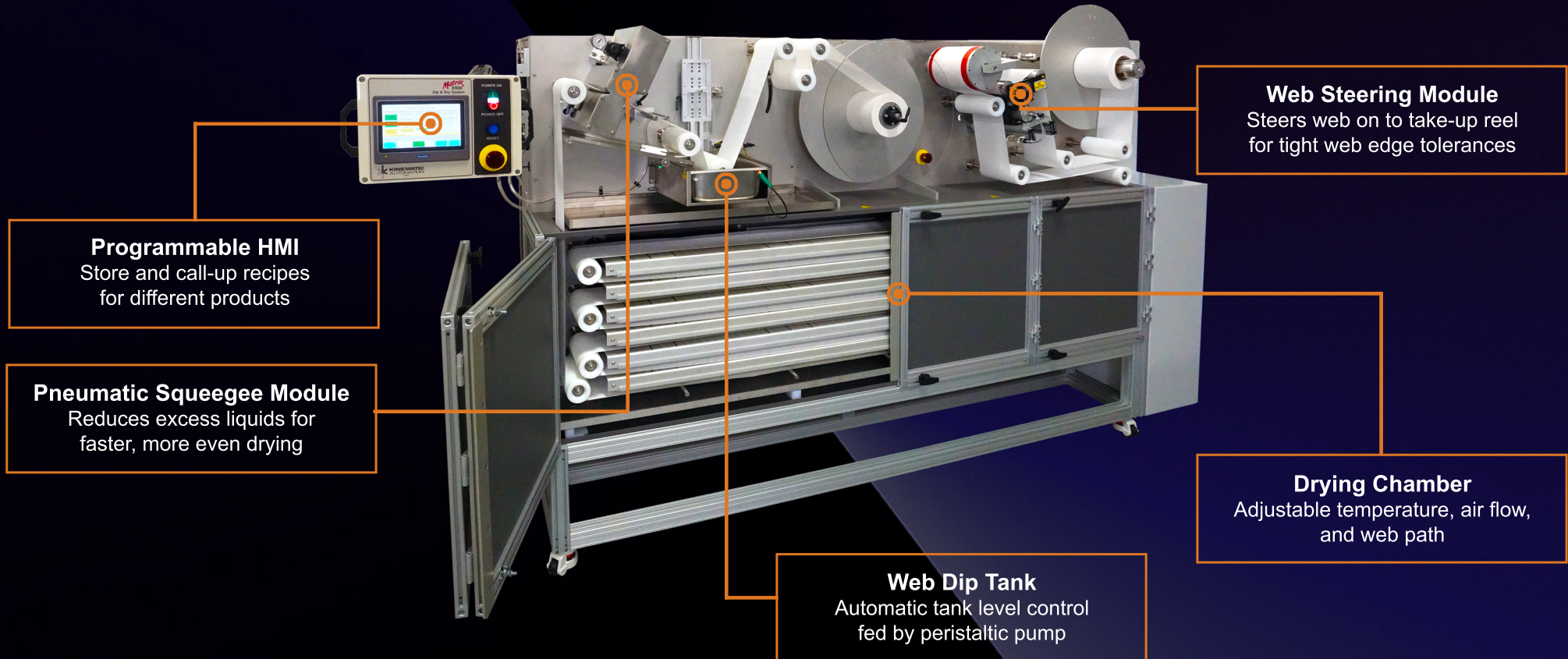


Matrix™

6500 Web Dip-coating & Drying System

Up to 12
cm/sec



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

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Matrix™

6500 Web Dip-coating & Drying System

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