

# Matrix™

## 6500H Dip & Dry Platform for Hazardous Liquids

Up to 12  
cm/sec\*

**Hazardous Vapor Exhaust**  
Creating negative pressure where hazardous vapors exist

**Air Intake**  
Supplies air to possible ignition sources keeping positive pressure

**Upper Enclosure**  
Negative pressure zone monitored for vapor and pressure

**HMI**  
Store and call-up recipes for different products & view warnings

**Drying Chamber**  
Negative pressure zone monitored for vapor and pressure

**Warranty: 12 Months**

The *Matrix 6500H* has been specifically developed for the application of hazardous or flammable liquids used in the coating of continuous web.

[Request a Quote](#)

\* operator dependent

# Matrix™

## 6500H Dip & Dry Platform for Hazardous Liquids

### 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, 60 Amperes, 3 Ø
- Process air: 28 lpm @ 5.5 to 8.3 bar

### Dimensional Specifications (approx.)

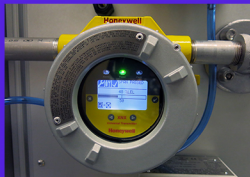
- Size: 261.6 cm W x 115.6 cm D x 225 cm H
- Weight: 500 kg

### Key Features

- Simple setup and operation
- Air chuck on rewind hub
- Recipe storage to support multiple products
- Variable web tension control
- Speed controlled in real time with feedback loop
- Dipping station automatic level monitoring with peristaltic pump control
- Four inlet blower/heaters for drying chamber air flow controllable up to 400 cfm
- Web steering mechanism for wide web
- Combustible liquid vapor detection and elimination

### Options

- Urethane pneumatic squeegee assembly with adjustable pressure
- Dehumidifier for dryer
- Interlocks to room conditions (floor sweep)



Gas Analyzer



Remote Electrical Enclosure



Differential Pressure Transmitter



Specifications subject to change without notice