

# HORIZON™

### Options



### Individual Off Contact

### Squeegee Pressure Regulator

### Additional Options

- Foot Pedal Control
- Manual Index Drive
- Front/Rear Screen Holders
- Pallet Locator
- A/C Heads
- Skip Switch at Load and Unload stations

### Servo Indexer (optional)

- Higher production rates with precise control of acceleration and deceleration
- True servo technology with precision ball bearing lead screw and internal lubrication system built for accuracy, precision and longevity



### Specifications

| Horizon         |                    |                    |                      |        |              | Pneumatic Index / Pneumatic Heads |                         | Servo Index / Pneumatic Heads |  | Servo Index / AC Heads                               |  |
|-----------------|--------------------|--------------------|----------------------|--------|--------------|-----------------------------------|-------------------------|-------------------------------|--|--|--|
| Stations/Colors | Maximum Print Area | Maximum Frame Size | Standard Pallet Size | Height | Machine O.D. | Air Consumption                   | Electrical Requirements | Air Consumption               | Electrical Requirements                            | Electrical Requirements                              |  |
| 6/4             | 16" x 18"          | 23" x 31"          | 16" x 22"            | 4' 11" | 9' 3"        | 15 SCFM                           | 1 Phase 115 VAC, 2 AMPS | 19 SCFM                       | 1 Phase 208 VAC, 8 AMPS<br>3 Phase 208 VAC, 5 AMPS | 1 Phase 208 VAC, 22 AMPS<br>3 Phase 208 VAC, 12 AMPS |  |
| 6/5             | 16" x 18"          | 23" x 31"          | 16" x 22"            | 4' 11" | 9' 3"        | 17 SCFM                           | 1 Phase 115 VAC, 2 AMPS | 21 SCFM                       | 1 Phase 208 VAC, 8 AMPS<br>3 Phase 208 VAC, 5 AMPS | 1 Phase 208 VAC, 24 AMPS<br>3 Phase 208 VAC, 13 AMPS |  |
| 8/6             | 16" x 18"          | 23" x 33"          | 16" x 22"            | 5' 2"  | 11' 0"       | 21 SCFM                           | 1 Phase 115 VAC, 2 AMPS | 25 SCFM                       | 1 Phase 208 VAC, 8 AMPS<br>3 Phase 208 VAC, 5 AMPS | 1 Phase 208 VAC, 27 AMPS<br>3 Phase 208 VAC, 15 AMPS |  |
| 10/8            | 16" x 18"          | 23" x 33"          | 16" x 22"            | 5' 2"  | 12' 4"       | 28 SCFM                           | 1 Phase 115 VAC, 2 AMPS | 32 SCFM                       | 1 Phase 208 VAC, 8 AMPS<br>3 Phase 208 VAC, 5 AMPS | 1 Phase 208 VAC, 31 AMPS<br>3 Phase 208 VAC, 18 AMPS |  |
| 12/10           | 16" x 18"          | 23" x 33"          | 16" x 22"            | 5' 4"  | 13' 11"      | N/A                               | N/A                     | 39 SCFM                       | 1 Phase 208 VAC, 8 AMPS<br>3 Phase 208 VAC, 6 AMPS | 1 Phase 208 VAC, 36 AMPS<br>3 Phase 208 VAC, 21 AMPS |  |

### Horizon Mini

| Horizon Mini    |                    |                    |                      |        |              | Pneumatic Index / Pneumatic Heads |                         |
|-----------------|--------------------|--------------------|----------------------|--------|--------------|-----------------------------------|-------------------------|
| Stations/Colors | Maximum Print Area | Maximum Frame Size | Standard Pallet Size | Height | Machine O.D. | Air Consumption                   | Electrical Requirements |
| 6/4             | 16" x 16"          | 20" x 28"          | 16" x 20"            | 4' 11" | 7' 10"       | 13.5 SCFM                         | 1 Phase 115 VAC, 2 AMPS |
| 6/5             | 16" x 16"          | 20" x 28"          | 16" x 20"            | 4' 11" | 7' 10"       | 15 SCFM                           | 1 Phase 115 VAC, 2 AMPS |
| 8/6             | 16" x 16"          | 20" x 28"          | 16" x 20"            | 4' 11" | 8' 11"       | 18 SCFM                           | 1 Phase 115 VAC, 2 AMPS |
| 8/7             | 16" x 16"          | 20" x 28"          | 16" x 20"            | 4' 11" | 8' 11"       | 20 SCFM                           | 1 Phase 115 VAC, 2 AMPS |

\* Power consumption during normal operation is lower. Other electrical configurations are available. See product manual for setup information.



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# HORIZON™

## A Fully Equipped, Entry Level Automatic Textile Screen Printing Press



Available in 4, 6, 8, and 10-color models

For more information call us at  
**847.367.9760**

or Toll Free: **866.4ANATOL**  
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## Control Centers

### Main Control Panel

#### Digital Microprocessor Control

- Simple to program for fast set-ups
- Rotates 340° for easy access at any station
- Self-diagnostic features
- Automatic sequential start/finish function
- Multiple print strokes for each head
- **Sample Print** feature to print one shirt automatically
- Dwell times to adjust cycling speed/cool down time
- Full flash programming including dwell
- Individually controlled print heads
- Screen displays print count and speed (dozen/hr.)

### Individual Print Head Controls

- Print Speed
- Screen Clamping
- Flood Speed
- Squeegee Pressure

## Tool-less Adjustments

### Gauged, Front/Rear Stroke Adjustment

- Easily slides into lock/unlock positions

### Gauged, Click-Type Squeegee/Flood Bar Knobs

- Provide operator friendly depth adjustment

### Gauged, Squeegee/Flood Bar Angle Adjustment

- Allows single-handed locking in a 0°~30° range, marked in 5° increments

### Rod Cylinder

- Is shielded from glue, spray, inks, and solvents by a **Protective Nylon Guard**

### Gauged, Click-Type Central Off-Contact

- Precisely adjusts all print stations simultaneously
- Allows 0~3/8 inch range by .005 increments

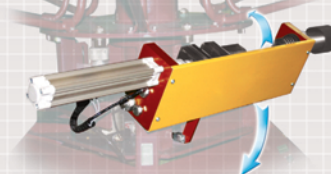
### Three-Point Micro Registration

- Provides quick and accurate screen positioning (Front to Back, Left to Right, Rotational)

## Quick-Release Systems

### Quick Release Squeegee/Flood Bars

- Snap in and out with the flip of a lever for load and lock operation



### Pneumatic Indexer

- Hydraulic Shock Absorber is air cooled for superior running efficiency and durability in a wide range of operating conditions
- Heavy duty linear bearings—easily accessible for maintenance



### Front Loading Screens

- For maximum productivity

## Construction: Engineered for longevity and reliability

- Heavy duty steel frame to support high speeds and smooth production cycles
- Large Column with thrust ball bearing provides registration stability and long life
- Small foot print accommodates tight spaces
- Engineered for longevity and reliability
- Two Year Limited Warranty
- All Anatol equipment is designed to meet or exceed industry standards and can be used with other manufacturers' equipment such as pre-press registration systems and pallets

## Your choice of Pallet Mounting



### Innovative "Quick-Release" Pallets

- For fast, efficient pallet changes

### Slide Style Pallet Mounting

- For use with other manufacturer's pallet systems

### Safety Bar at Heads

- Safety bars between each print station quickly snap into home position after head set up functions are completed

## Your choice of Flashes & Cures

### Shuttle Flash (Infrared)



### Rapid Wave (Quartz)

