

Cheshire® 7000 Series

Off-Line Vacuum Ink Jet Base

Material Handling.

Printers.

Controllers.

Vision.

Supplies.

Parts & Service.



Featuring a vacuum shuttle feeder, the Cheshire 7000 ink jet base processes a variety of media types and sizes at exceptional speeds—efficiently and accurately with superior performance. The Cheshire 7000 base is ideal for commercial mailers or in-plant printers looking for ways to add functionality, reduce costs and increase productivity.

Supports a wide variety of printers

- Interfaces easily with the Videojet BX6000 series, PrintPro, Videojet 4320 and Videojet Excel® series printers, as well as a variety of other printing equipment
- Runs a wide array of media sizes at speeds up to 45,000 pieces per hour when used with a high speed kit, or 30,000 pieces per hour with a standard model

Vibration-free, superior media control

- Engineered to minimize vibration to achieve the highest possible print quality
- Shaft-mounted encoder ensures accurate image placement to complement your choice of printer
- Center vacuum belt and variety of accessories ensure minimum skew, slip and variation
- Innovative vacuum shuttle feeder improves product feeding and reduces vibration even at high speeds

VIDEOJET®
Uptime Peace of Mind®



Quick job set up and flexible options

- Quick setup takes only a few minutes for each media, enabling operators to set up, modify and run jobs faster
- Includes performance-enhancing advances like independent feeder speed and transport controls
- Heat-resistant base accessory permits printing with water-based inks at the highest possible speed. It incorporates a 24-inch longer (61 cm) transport, high-temperature belts and a pedestal for dryer mounting.

Accurate batches with minimum labor

Expedite batch separation at the conveyor by using the optional Feeder Sort Control to create a visible gap between batches. Some competitive systems speed up the conveyor to achieve a gap, which can cause the slick media to shift, destroying the batch sequence.

- Automatic gap control to increase speed and maintain media space with minimal effort
- Full support of Videojet® RCM zip code and tray break options

4814 Friction Feeder option

The Videojet 4814 Feeder is designed for applications that focus on media best fed by friction. Once installed on a new or existing Model 7000, the range of media that this base can master is dramatically increased.

- Additional friction feeding capability – two feeders on one base
- Change from friction to vacuum (or vacuum to friction) feeding in less than ten minutes
- One base – maximum media range, expanded capabilities, small footprint

Product Specifications - 7000 Series Off-Line Vacuum

Transport Speed

Up to 620 fpm (189 mpm) with high speed kit;
540 fpm (166 mpm) in standard configuration

Performance

Production from 5,000 to 45,000 pieces per hour, depending on media, options and accessories

Media Size Range

From 3 inches to 17 inches (7.6 to 43.2 cm) wide and 5 inches to 17 inches (12.7 to 43.2 cm) long; up to 1 inch (2.5 cm) thick

Printer Interface

Built-in encoder to interface directly with Videojet BX6000, Excel® and with the Cheshire System 4000; other special interfaces available

Temperature/Humidity Range

50°F - 90°F (10°C - 32°C); 15% to 90% relative humidity

Power Requirements

3 wire, single phase, 240V 60 Hz@20 Amps and 220-240V 50 Hz@20 Amps. Also available in 208V 50/60 Hz option

Dimensions

33.5 inches wide by 68 inches long by 48 inches high
(85.1 cm W x 172.7 cm L x 121.9 cm H)

Table Height

37 inches (94 cm)

Approximate Weight

672 lbs. (305 kgs)

Enhancements

Demand Feeder stops feeder when materials run low. Media counter records total number of pieces through system. Cheshire Model 568 Conveyor in 6, 12 or 18 feet (1.8, 3.7 or 5.5 m) lengths. Remote control jog switch to optimize performance. Auxiliary Control Module or Relay Control Module creates gap between zip code or tray groups. 5 foot (1.5 m) base extension.

Product Specifications - 4814 Friction Feeder

Product Thickness

0.003 - 1.00 inch (.008 - 2.5 cm)

Maximum Product Dimension

12.0 inches wide x 12.0 inches long (30.5 cm x 30.5 cm)

Minimum Product Dimension

2.0 inches wide x 3.0 inches long (5.1 cm x 7.6 cm)

Belt Speed

650 fpm (198.1 mpm)

Approximate Weight

47 lbs. (21.3 kgs)

Electrical Options

115V 60 Hz or 230V 50/60 Hz

Integration Cabling

32.0 inches (81.3 cm) standard; optional 3-foot (7.6 m) extension cable

Low Level Sensors

Dual, both sides



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