

Cheshire® 7000 Series

Off-Line Friction Ink Jet Bases

Material Handling.

Printers.

Controllers.

Vision.

Supplies.

Parts & Service.



Featuring high performance friction feeder technology, the Cheshire 7000 ink jet bases process a variety of media types and sizes at exceptional speeds—efficiently and accurately with superior performance. The Cheshire 7000 bases are ideal for in-plant printers and commercial mailing operations looking for ways to add functionality, reduce costs and improve productivity.

Wide range of versatile, reliable options

- Interface easily with the Videojet BX6000 series, PrintPro, PrintMail WideArray and Excel® series printers, as well as a variety of other printing equipment
- Run a wide array of media sizes at speeds ranging from 30,000 up to 100,000 pieces per hour

Vibration-free, superior media control

- Center vacuum belt and variety of accessories ensure minimum skew, slip and variation
- Highest possible print quality with virtually no vibration
- Improved product feeding and reduced vibration even at high speeds with innovative friction shuttle feeder
- Accurate image placement from shaft-mounted encoder

VIDEOJET
Uptime Peace of Mind®



Performance-enhancing advances

- Independent feeder speed and transport controls improve operation
- 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



Product Specifications - 7000 Series Off-Line Friction

Transport Speed

Up to 760 fpm (230 mpm); actual speed will vary with product size

Performance

Production from 30,000 to 100,000 pieces per hour, depending on media, options and accessories

Media Size Range

4814 Feeder

From 2 inches to 12 inches (5.1 to 30.5 cm) wide and 3 inches to 12 inches (7.6 to 30.5 cm) long; from .003 (.008 cm) to 1 inch (2.54 cm) thick

4815 Feeder

From 2.5 inches to 20 inches (5.1 to 50.8 cm) wide and 3 inches to 18 inches (7.6 to 45.7 cm) long; 2 inch (5.1 cm) length available with small product wedge option; from .0025 (.0064 cm) to 1 inch (2.54 cm) thick

Media can consist of self-mailers, envelopes, glossy and plain single sheets, corrugated stock, plastic cards and parts packaging

Printer Interface

Built-in encoder to interface directly with Videojet BX6000, PrintPro, PrintMail WideArray, SR and Excel® printers 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

711 lbs. (320 kgs)

Enhancements

Low Level switch stops feeder when material runs low. Service 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 meter) lengths. 5-foot (1.5 m) base extension. Variety of optional back wedges to improve feeding of a wide variety of media. Feeder Sort Control creates gap between zip code or tray groups. Extended length (additional 24 inches / 62 cm) heat-resistant option.