



## Professional Packaging Systems

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# Little David MicroJet HRP 1" High-Resolution Case Printer



## At a Glance

- Capable of printing up to 10 lines of data, up to 1 inch in total height
- Highly reliable thermal jet technology
- High-resolution printing
- Easy-to-change ink cartridges

## Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

## Highly Reliable Thermal Jet High-Resolution Printing

The Little David MicroJet HRP 1" is a reliable, low cost ink jet printhead capable of printing up to 10 lines of data including alphanumerics, logos, and UPC-A bar codes onto porous or non-porous surfaces.

The HRP 1" offers highly reliable thermal jet technology, high-resolution printing, easy-to-change ink cartridges, and a wealth of industrial-grade performance features. In short, this printer is a great value for many marking and coding applications.

Loveshaw's MicroJet HRP Thermal Jet Printhead is constructed of an enclosed, industrial-grade housing with stainless steel faceplate and built-in photo sensors to detect product speed and direction. The Smart Level Ink Detection System of the MicroJet HRP provides the user with "ink low" and "ink out" status of Loveshaw ink cartridges. Loveshaw ink cartridges are simple to snap-in and snap-out for easy ink replacement.

Ink cartridges are not included with printhead unit. Cartridges can be purchased at time of printhead order or anytime after.

As a licensed HP partner, Loveshaw has designed and engineered a thermal jet printhead that is industrial, low-cost, easy to use and truly unique in the product identification marketplace today.

## Benefits

**Complete System** Microjet HRP 1 printer is ready to run right out of the box. The unit comes with

mounting bracketry, necessary cables and software. Ink cartridges are not included with unit.

**Industrial Design** Stainless steel faceplate and sealed printhead ensure durability in the most demanding environments.

**Variable Character Heights** Prints up to 10 lines of print: 1/10", 1/4", 1/2", or 1" tall

**Quick Easy Maintenance** Easy snap-in/snap-out method for changing ink includes channel purge at the printhead.

## Features

Stainless steel faceplate with built-in photo sensors to detect product speed and direction.

Sealed industrial Printhead with hinged cover to provide easy access to ink cartridge.

Easy snap-in/snap-out method for changing ink.

Channel purge at the printhead for simple print testing and cleaning.

Print Resolution: 300 dpi text, along with barcode, logo, and graphics capability.

Print Speed: Up to 200 fpm (61 m/min).

Throw distance up to 1/4" (6mm) from print surface.

Capable of printing the following auto codes: Time, Date, Sell By, Julian Date, Shift rollover time, and box counts.

Orientation: horizontal, top-down (vertical) printing, or 45° from side to side.

Communication Interface: RS232C using industrial DB-9 serial connections.

Smart Level ink detection ensures optimum print quality. Provides ink level status and automatically detects whether porous or non-porous ink cartridge is being used.

## 1" Printhead Features

1" print area (encoder kit and accessory Hub required for printing 1" tall characters, see options)

Print Lines: 1 to 10 (1", .50", .25", .10")

1" logos (logos larger than 1/2" will be divided between the two print cartridges, transparent to the user)

Improved/expanded memory architecture allows for more storage of fonts and logos on the printhead.

(27 total slots for fonts and/or logos)

Can be mixed with 1" or 1/2" head in daisy chain configurations.

2 each 1" heads maximum per task or COM port.

## CTS III Controller Features

512MB for unlimited message storage

7" color touchscreen display

Graphical user interface, WYSIWYG editor

QWERTY keypad touchscreen pop-up

Unicode compatible

Industrial thermoplastic enclosure

Drop resistant

Connectivity: 1 Ethernet, 1 USB, 2 RS232

I/O Interface: None

Auto time, date & sell by codes

User-defined time and date codes

Bar Codes: GTIN, UPC, I2of5, Code 128, GS1-128, Code 39, EAN, UCC, 2D Data Matrix

QR Logos: Bitmap images

Fonts: Arial standard. Font sizes: 1/10", 1/4", 1/2", 3/4", 1" tall

Capability: Drives two independent production lines

## Options

External photocell

External encoder

Ink station beacon

Accessory hub

Roller/retracting brackets

Please [contact Pro Pac](#) or call 888-318-0083 for your printing and date-coding equipment.