



AFINIA LABEL[®]

*On Demand, Full Colour, High Speed
Digital Label Solutions*

DLP-2000

DIGITAL LABEL PRESS



Powered by
memjet[®]

The **Afinia DLP-2000** is a digital label press, harnessing the power of Memjet technology to print, laminate, cut and slit any quantity of labels in a single in-line process.

Utilising Memjet technology to print at 1600 dpi in vibrant colour at an industry leading low cost, the DLP-2000 offers flexibility, speed and economy all in one system. The ability to laminate means durable labels are produced at 9m per minute thanks to the robust semi-rotary die cutting cylinder, which is compatible with RotoMetrics flexible dies up to 304.8mm (12") in length, resulting in highly accurate cuts in any shape including perforations. High speed waste matrix removal with a peel blade design and 6 slitting knives ensure you're presented with perfectly re-wound rolls of completely finished labels.

The DLP-2000 can also be used offline in 'full rotary' mode. Producing blank labels at 30m per minute with a maximum die length of 355.6mm (14") adding further versatility and value as a blank label converting system.

COMPLETE LABEL
PRODUCTION AT
9M PER MINUTE

HIGH QUALITY AND
ECONOMICAL PRINTS
AT 1600 DPI

TRUE ON DEMAND
PRODUCTION IN ANY
QUANTITY

FULL ROTARY
CONVERTING MODE
AT 30M PER MINUTE



Large Un-winder

An optional upgrade which enables the use of larger rolls up to 1000m (3280ft) in length or 500mm (19.69") in diameter. This allows the DLP-2000 to run longer jobs, maximising productivity by reducing the need to change rolls at regular intervals.



Wasatch SoftRIP

Adding Wasatch SoftRIP allows the printer to dial in precise and consistent colour and even utilise ICC profiles to closely match a flexo or offset press. Using SoftRIP will also enhance the vibrancy of prints and reduce costs by profiling the blank material being used.

DLP-2000

DIGITAL LABEL PRESS

EASILY ADJUSTABLE
SIX KNIFE SLITTING

LAMINATE WASTE
REWINDER

LAMINATE
UNWINDER

WASTE MATRIX
REWINDER

OFFLINE UNWINDER



MEMJET
PRINTING TECHNOLOGY

SPLICING TABLE

DIE CUTTING
CYLINDER ENCLOSED IN
SAFETY CASING

Specifications

Print:

- 1600 x 1600 DPI
- Afinia Memjet printer
- Memjet technology
- CMYK inkjet process
- 5x 250ml ink cartridges
- Under 10 secs warm start time

Laminate:

- Self-wound laminate support
- Lined laminate support with waste liner rewind
- 280mm (11") laminate roll diameter

Cut:

- Precision engineered RotoMetrics semi-rotary magnetic cylinder
- Supports flexible dies from 25mm to 305mm (0.1-12") in length and 216mm (8.5") wide when printing inline (5mm to 305mm offline)
- Supports full wrap around flexible dies of 355.6mm (14") in length and 228.6mm (9") wide when in full rotary mode
- Accurate to within 0.2mm
- Laser registration sensor for black mark +/- 0.3mm (+/- 0.01")

Slit & Re-wind:

- 6 slitting knives
- Peel blade design ensures accurate weeding of waste
- 280mm (11") waste matrix rewind
- 280mm (11") finished label rewind
- 76mm (3") core size

Speed:

- 9m (30ft) per minute - Print & Finish Inline
- 12m (40ft) per minute - Print & Finish Offline
- 40m (140ft) per minute - Blank Converting
- Variable speed control

Power:

- 110V - 240V adjustable, 7 Amps
- 2,400W / 90W Motors

Dimensions: (without large unwinder)

- Width: 208cm (82")
- Depth: 70cm (28")
- Height: 150cm (59")
- Weight: 230kg (507 lbs)

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