

Print Mat Production and Services

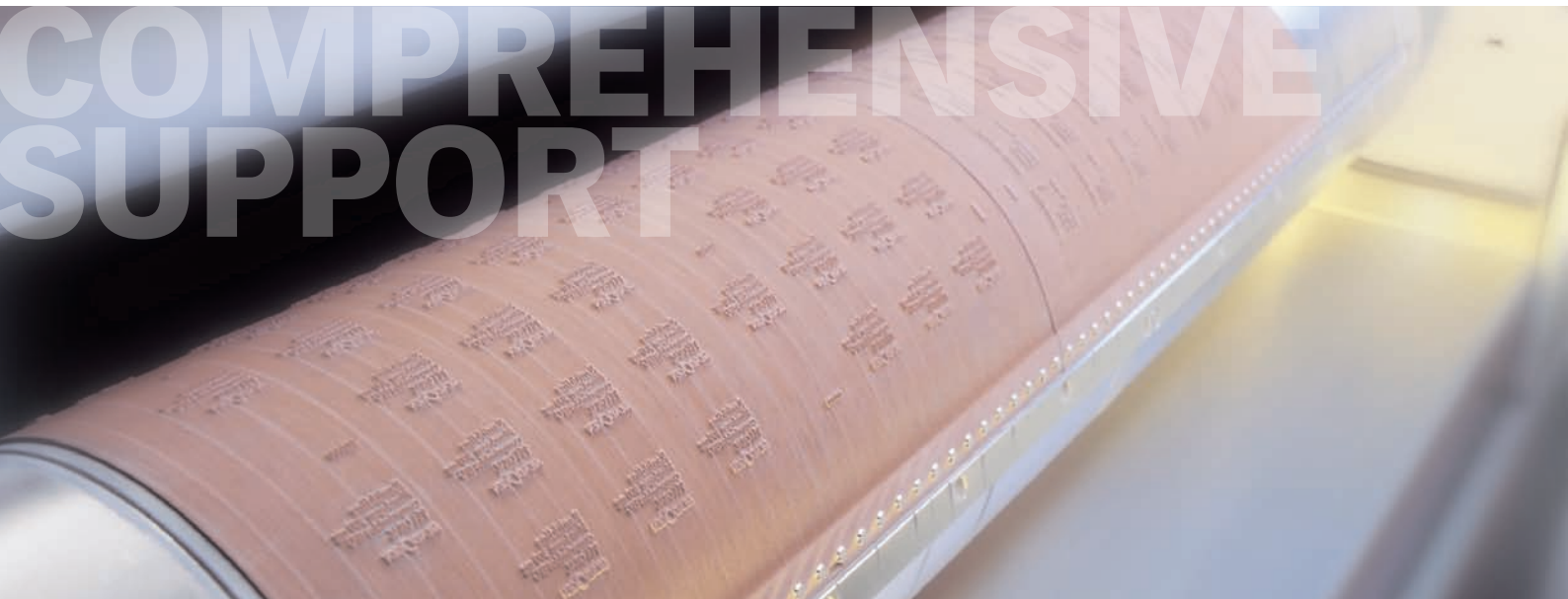
Hapa 500 Laser Engraver



500

Looking for ways to tighten the efficiency and trim the expenses of your pre-press processes?

Let Hapa help you save time and money. We've got the experience of many years and thousands of installations, giving us the know-how you need in any step of your product artwork development. From idea, design and layout consultation to the engraving, proofing and print-testing of engraved mats, our skilled specialists offer customers fast and reliable support. Hapa can help you realise product presentations of the highest quality in the shortest amount of time. For customers requiring temporary collaboration or back-up support, Hapa is ready to step in at any stage of your printing production. We're even set up to produce printed foils for you. Comprehensive services of a comprehensive quality: it all adds up.



- | | | | | |
|---|--|---|---|---|
| Design Consultation
_Graphic elements
_Font type and size
_Code selection
_Colour management | Creation
_Print mat layouting
_Variable data concept
_Artwork optimisation | Production
_In-house engraving
_Print mat engraving by Hapa
_Local sourcing | Certified Controls
_Print mat testing
_Code readability verification | Printing
_Inline – on your packaging machine
_Offline – contract/backup printing at Hapa |
|---|--|---|---|---|

In-house

Hapa

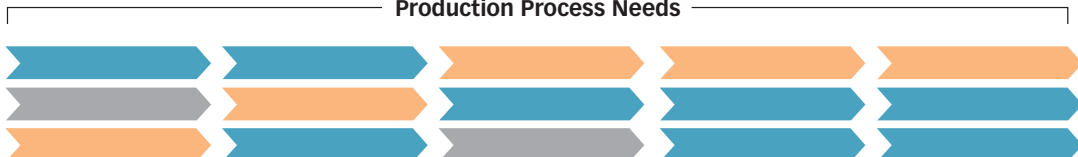
Locally sourced



Samples

Production Process Needs

Customer A
 Customer B
 Customer C



Benefit from In-house computer-to-plate solutions

By combining a Hapa 500 series laser engraver with your UV Flexo printer, you create a total in-house, computer-to-plate solution. You save time and money while increasing your production control, flexibility and security.

- ___ Generate finished print mats from electronic artwork in minutes
- ___ Respond immediately to market demands, and shorten turn-around times
- ___ Produce print mats of a consistently high quality
- ___ Eliminates the need for steel coding digits
- ___ Reduce your total costs for finished print mats

Laser Engraver Technology

The Hapa 500 series laser engraver incorporates a 50 or 200 Watt CO2 laser, for medium or high speed engraving of Hapa-quality print mat material at up to 2400 dpi. The blank RubberFlex or Siro-Flex material, with pre-drilled holes, is attached to the engraving drum using the same simple-to-use pin location system that is used on all Hapa printers. Artwork and variable data are engraved in a single pass. Each print mat is automatically engraved with a "read only" identification number, which can be included on the bill

of materials when the mat is signed and released for production. Because the system is digital, variable data, such as lot and expiration dates, can be added very easily, eliminating the need for steel coding digits on your packaging line.



Laser Engraver Hapa 511

Ideal for

- ___ Producing up to 150 print mats per year
- ___ Stepping into the in-house production of print mats, or
- ___ As a back-up for the Hapa 532

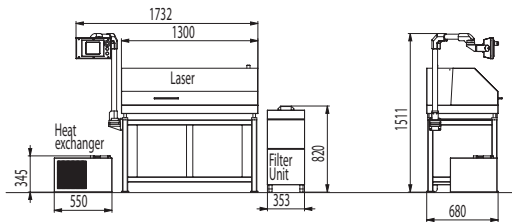
Laser Engraver Hapa 532

The high-volume solution for

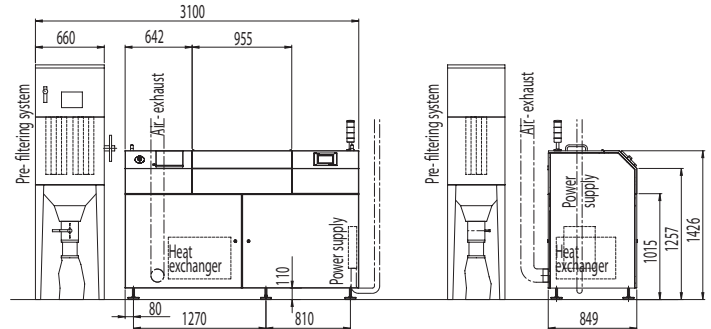
- ___ 150+ print mats per year
- ___ Maximum speed of production
- ___ The power to engrave even the highly-durable SiroFlex



Hapa 511



Hapa 532



Technical Data

	Hapa 511	Hapa 532
Laser power (W)	50	200
Engraving area, max. (l * w in mm)	394 x 440	510 x 700
Resolution, max.	2400 dpi	2400 dpi
Engraving Speed at 1200 dpi (standard)		
0.6 mm depth: advance per min in mm	1.2	4
Power supply at 50 Hz	3~, 400 V	3~, 400 V
Power supply at 60 Hz	with Transformer	with Transformer
Average power consumption (kVA)	3	5
Weight in kg., approx. (assembled)	450	1250

Hapa – Your total solution provider



FOUNDED IN 1933, HAPA IS THE **WORLD LEADER IN LATE STAGE CUSTOMISATION AND ON DEMAND PRINTING** TECHNOLOGIES FOR THE PHARMACEUTICAL SECTOR, **DELIVERING FAST, ACCURATE AND VALUE-CREATING PACKAGING SOLUTIONS**. SINCE THE INTRODUCTION OF ITS FIRST OVERPRINTING MACHINE MORE THAN FIVE DECADES AGO, HAPA HAS DELIVERED A **CONSTANT STREAM OF INNOVATIONS** TO HELP ITS CUSTOMERS REMAIN RESPONSIVE AND COMPETITIVE IN A FAST-CHANGING MARKET. HAPA'S RANGE OF TECHNOLOGY – **UV FLEXO, UV DIGITAL, UV DOD INKJET, LASER ENGRAVER & HYBRID TECHNOLOGIES** – MAKES US UNIQUELY QUALIFIED **TO CONSULT WITH YOU TO FIND THE RIGHT PACKAGING PRINT SOLUTION** FOR YOUR NEEDS. HAPA IS HEADQUARTERED NEAR ZURICH, **SWITZERLAND**, WHERE A TEAM OF OVER 100 SPECIALISTS ARE ENGAGED IN R&D, DESIGN AND PRODUCTION, SALES AND PROJECT MANAGEMENT AND AFTERMARKET. IN ADDITION, A **WORLDWIDE NETWORK OF SALES AND SERVICE CENTERS** PROVIDES PROFESSIONAL, LOCAL SUPPORT TO HAPA'S INSTALLED BASE OF **OVER 8,000 MACHINES IN 50 COUNTRIES**. HAPA IS A PROUD MEMBER OF **COESIA GROUP**, AN INTERNATIONAL, PRIVATELY OWNED ENTERPRISE. COESIA IS A FEDERATION OF AUTOMATED MACHINERY COMPANIES DEVOTED TO GROWTH AND MARKET LEADERSHIP.

Hapa AG
 Chriesbaumstrasse 4
 8604 Volketswil
 Switzerland
 Phone +41 43 399 32 00
 Fax +41 43 399 32 01
 info@hapa.ch
www.hapa.ch