



Hot Stamping Specialists !

A History in Hot Stamping :

Malahide is based in Vancouver, British Columbia, Canada.

Founded in 1978 by Mr. Ian Birch, Malahide began as a custom engineering firm.

Born in London, England, Mr. Birch spent his youth apprenticing in mechanical design. Subsequent employment with several giants of the industry further laid the basis of his expertise in hot stamp machinery design. 40+ years later, Ian's designs form the core technology used in all of Malahide's products.

Paul Birch acts as Sales Manager for Malahide, and is the principal contact for our high-end, executive clientele. Combining a Masters of Business Administration, 19 years in sales, and a lifetime spent around the hot stamping industry, Paul offers his clients a broad range of practical and theoretical tools.



Malahide trades in nothing but industrial-grade hot stamping presses. Manufacturers of the "Malahide" brand, this narrow focus has allowed us to advance and refine our line of performance equipment. Malahide serves a diverse range of applications, and specializes in :

- ➔ Ribbon, Tapes & Narrow-Web Textiles
- ➔ Retailer's Bags & Boxes
- ➔ Paper & Plastic Cards
- ➔ Wedding Accessories
- ➔ Poker Chips & Playing Cards
- ➔ Flat Plastics

30+ years later, Malahide equipment has built itself a reputation for performance and quality. Customer satisfaction is evidenced by our repeat purchase statistics. In 2006, 44% of our sales were derived from clients who already own a Malahide. In 2005 the figure was 46%, and in 2004 it was again 44%.

HotStamping.com



Please Contact Us !

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604-247-1022 604-247-2641 Fax

Internet :

www.HotStamping.com

paul@malahide.com

Quality Machines, begin with Quality Parts.

Part quality is critical to our success, thus Malahide produces most all of our parts in-house.

The production process begins with drawings produced with Computer Automated Design software. Parts are modeled and refined in the virtual world, and then virtual parts get assembled into virtual machines. Enabling us to simulate and test-run mechanisms prior to building the first part, this technology allows us to rapidly move new products and modifications from design to production.

The CAD drawings move-on to production in our newly re-fitted machine shop, which has doubled in size since 2006. Equipped with a streamlined CAD to CAM manufacturing system, we're now able to make more parts, more precisely than ever before.

Produced in small batches, a variety of recently-added finishing processes complete the manufacturing task. Feeding our robust inventory of machine parts, Malahide's goal is to keep every part for every machine in-stock, and ready for service.

Quality Parts, meet Quality Construction.

Machines come to life in our assembly area. Methodically constructed with care, mechanisms are assembled, tested, and re-tested to ensure performance.

Our niche-market focus often requires that a new machine be tailored to the client's specific purpose. Minor modifications are common, and it's not unusual for us to tweak our base designs to better serve a client's application.

Behind the technology, Malahide invests as much in our people as we have in the technology they use. Skilled, capable and dependable, our carefully selected workforce watches every step of the production process to guarantee quality.

Involved in your machine from concept to finished product, our employees take pride in the equipment they produce, and the reputation of the brand they've helped to create.

... And All at a Fair Price :

A fair price philosophy rounds-out the reasons our customers choose to invest in a Malahide. Our machines will never be cheap . . . but because Malahide delivers hidden value thru productivity . . . nor are they expensive.





The All-Electric Advantage

Powered by a single 1/2 HP electric motor, the single most important thing to appreciate about a Malahide is that it is a 100% **electric-mechanical** design.

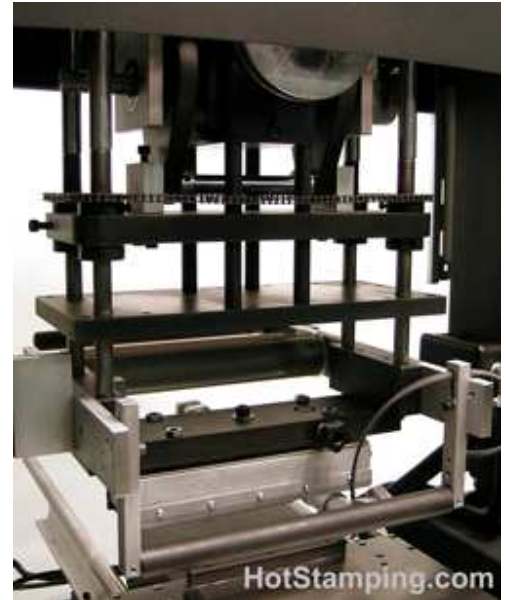
This is an important design attribute, because traditional hot stamp presses are powered by pneumatic air, hydraulic oil, or a mixture of both. Although these are well respected technologies, there are inherent drawbacks to both power sources such as :

- Hydraulic machinery is loud and dirty = suitable for use in factory environments only.
- Pneumatic machines require an air compressor = workplace noise + expenses to buy, pipe, and power.
- Both systems employ an extensive system of valves, tubes, seals and fittings, all of which can leak, clog, stick or break = higher maintenance.

In contrast, Malahide's all-electric design :

- Eliminates the need to purchase and power an air compressor.
- Instantly liberates you from entire classes of parts and maintenance issues associated with pneumatics and/or hydraulics.
- Operates at about the sound of a sewing machine.
- Produces no exhaust.

Both environmentally friendly and friendly to the worker, many of our home, office and city-based clients identify the elimination of compressed air as one of the most important reasons they decide to invest in a Malahide.



Besides being easy to deploy, and pleasant to use, the Malahide print engine produces a quality hot stamp because :

- The print head is powered by 2 oversize cams that cycle the head to precisely the same position with every revolution = print precision.
- Pressure is applied at all four corners = an even dispersion of pressure across the entire surface of the print face.
- The 'Attack Speed' brings the head down from very slowly thru fast. Different than dwell time, attack speed affords additional control over the print cycle.



E2-TR Ribbon Machine

HotStamping.com



The **E2-TR Ribbon Press** is a fully automatic, multi-colour Ribbon Printing System.

Offering fully automatic print, pull, cut or rewind functions, the E2-TR is commonly used to hot stamp award ribbons, rosette components and continuous print packaging ribbon. Many other styles of narrow web textiles, tapes, paper and narrow stocks can also be run through the E2-TR.

Price : US\$19,500

www.HotStamping.com/zindex-e2tr.html

Print Area	3" x 10"
Print Tonnage	5 Tons nominal
Ribbon Pull	24" inches standard 36" inches upgrade (\$450)
Foil Pull	Single or Multi-Colour Draws from 0.75" ~ 3.25"
Die Cutter	3" x 3" maximum
Speed Range	3,600 per hour standard 7,200 cycles per hour upgrade (\$750)
Control Panel	Power - Start – Stop – Jog – Speed – Temperature – Batch Counter
Ribbon Rewinder	\$1,250
Size	2' deep x 5' wide x 4' feet high
Weight	400 lbs. 500 lbs. crated
Electrical	115 VAC @ 13 Amps

E4-TR Ribbon Machine

HotStamping.com



The **E4-TR Ribbon Press** is a fully automatic, multi-colour Ribbon Printing System that runs at speeds of up to 6,500 impressions per hour.

The E4-TR is identical in design to the E2-TR, but has a larger print area and more print tonnage. Well-suited to heavy-duty ribbon applications like embossing, de-bossing, or printing mattress labels, the E4-TR is selected when extra print pressure and/or print area are required by the application.

Price : US\$22,500

www.HotStamping.com/zindex-e4tr.html

Print Area	4" x 12"
Print Tonnage	8 Tons nominal
Ribbon Pull	12" inches standard 36" inches upgrade (\$450)
Foil Pull	Single or Multi-Colour Draws from 0.75" ~ 4.25"
Die Cutter	4" x 4" maximum
Speed Range	1,500 ~ 6,500 per hour standard
Control Panel	Power - Start – Stop – Jog – Speed – Temperature – Batch Counter
Ribbon Rewinder	\$1,250
Size	2' deep x 6' wide x 4' feet high
Weight	550 lbs. 650 lbs. crated
Electrical	115 VAC @ 13 Amps

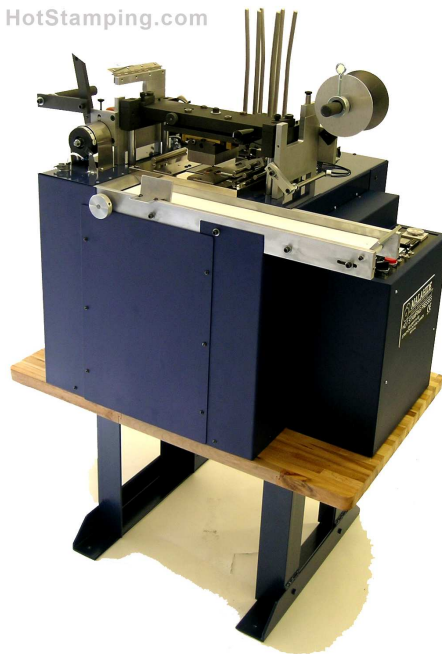


E4-CC Plastic Card Machine

HotStamping.com



HotStamping.com



The **E4-CC Plastic Card Machine** was designed to hot stamp CR-80 plastic cards over 0.020" thick.

Running at speeds of up to 6,000 impressions per hour, the E4-CC is able to apply dazzling foil stamped graphics, security holograms, signature strips, sequential numbers, and scratch-off patches onto plastic cards.

Fast, accurate and quiet, the E4-CC delivers quality results from a compact, efficient design.

Price : US\$24,950

www.HotStamping.com/zindex-e4cc.html

Print Area	2" x 3.5"
Print Tonnage	8 Tons nominal
Card Dimensions	ISO CR-80 @ 0.020" ~ 0.030" thick, or as specified.
Foil Pull	Side to Side Draws from 0.75" ~ 3"
Speed Range	1,500 ~ 6,000 cards hour
Upgrades	Holographic Foil Feed : \$2,500 Sequential Numbering : \$650
Control Panel	Power - Start – Stop – Jog – Reverse - Speed – Temperature – Counter
Discharge	Incremental Conveyor, or Re-Stack
Size	2' deep x 3' wide x 4' feet high
Weight	450 lbs. 550 lbs. crated
Electrical	115 VAC @ 13 Amps

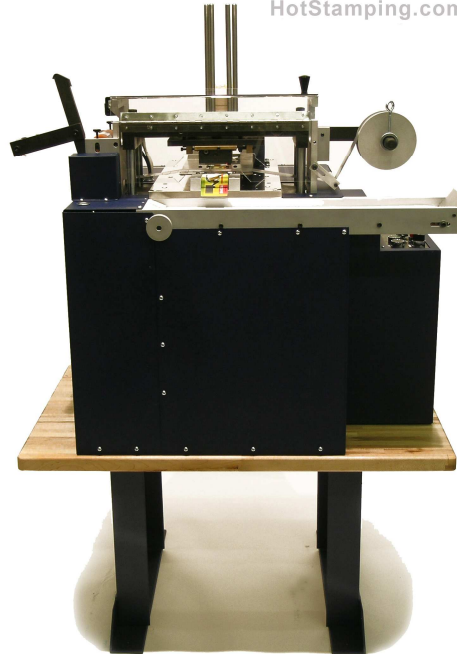


E4-PC Paper Card Machine

HotStamping.com



HotStamping.com



The **E4-PC Paper Card Machine** is designed to hot stamp thin paper and plastic cards less than 0.020" thick.

The E4-PC is commonly used to hot stamp playing cards, phone cards, place cards and trading cards with foil stamped graphics, holograms, signature strips, sequential numbers, and scratch-off patches.

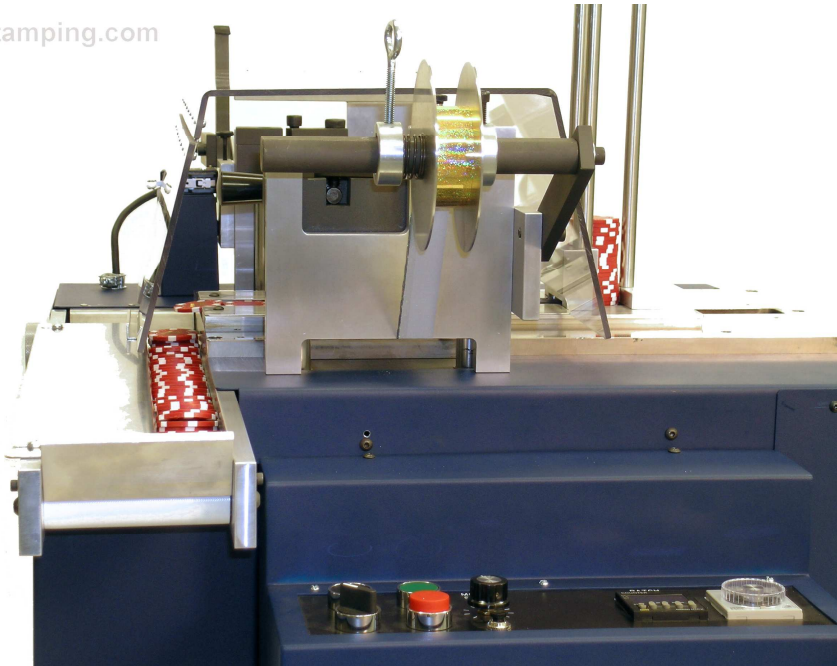
Fast, accurate and quiet, the E4-PC runs up to 6,000 cards per hour.

Price : US\$24,950
www.HotStamping.com/zindex-e4pc.html

Print Area	2" x 3.5"
Print Tonnage	8 Tons nominal
Card Dimensions	ISO CR-80 @ 0.010" ~ 0.020" thick, or as specified.
Foil Pull	Side to Side Draws from 0.75" ~ 3"
Speed Range	1,500 ~ 6,000 cards hour
Upgrades	Holographic Foil Feed : \$2,500 Sequential Numbering : \$650
Control Panel	Power - Start – Stop – Jog – Reverse - Speed – Temperature – Counter
Discharge	Incremental Conveyor
Size	2' deep x 3' wide x 4' feet high
Weight	450 lbs. 550 lbs. crated
Electrical	115 VAC @ 13 Amps

E4-PK Poker Chip Machine

HotStamping.com



The **E4-PK Poker Chip Press** hot stamps 11.5 g poker chips at speeds of up to 3,600 per hour.

Used to apply initials, logos and denominations onto 40 - 41 mm poker chips, E4-PKs have run tens of millions of chips serving the recent poker craze.

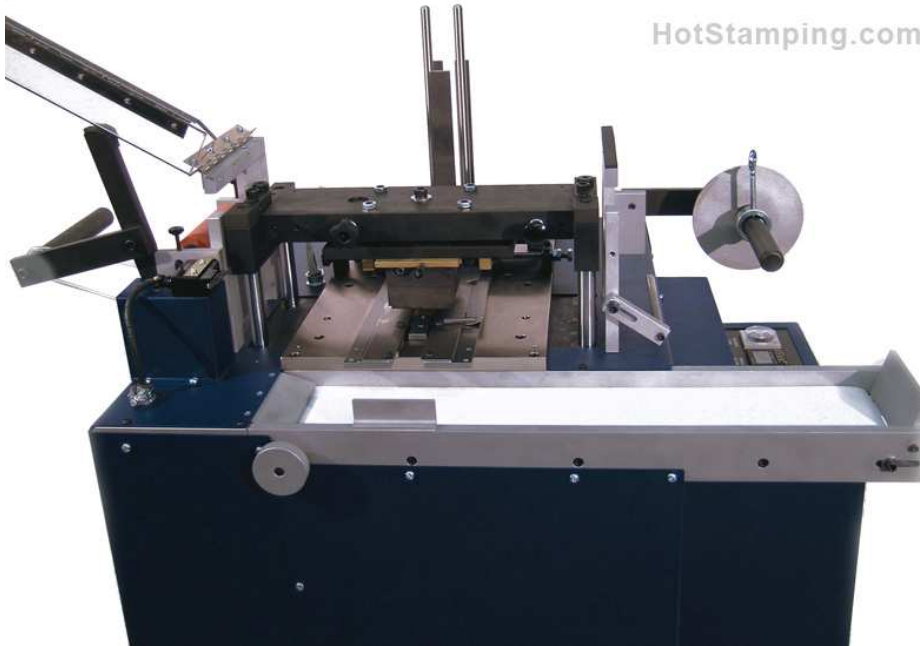
Casinos & security conscious clients can run secure holograms by opting for the digital foil feed system.

Price : US\$19,500
www.HotStamping.com/zindex-e4pk.html

Print Area	1" x 1"
Print Tonnage	8 Tons nominal
Chip Dimensions	11.5 grams @ 40 ~ 41 mm diameter, or as specified.
Foil Pull	Side to Side Draws from 0.75" ~ 3"
Speed Range	1,500 ~ 6,000 chips hour
Upgrades	Digital Foil Feed : \$2,500 Sequential Numbering : \$650
Control Panel	Power - Start – Stop – Jog – Reverse - Speed – Temperature – Counter
Discharge	Incremental Conveyor
Size	2' deep x 3' wide x 4' feet high
Weight	450 lbs. 550 lbs. crated
Electrical	115 VAC @ 13 Amps



E4-NB for Flat Plastics



The **E4-NB for Flat Plastics** automates the high volume hot stamping of flat plastic components like name badges, number plates, frames and small signs.

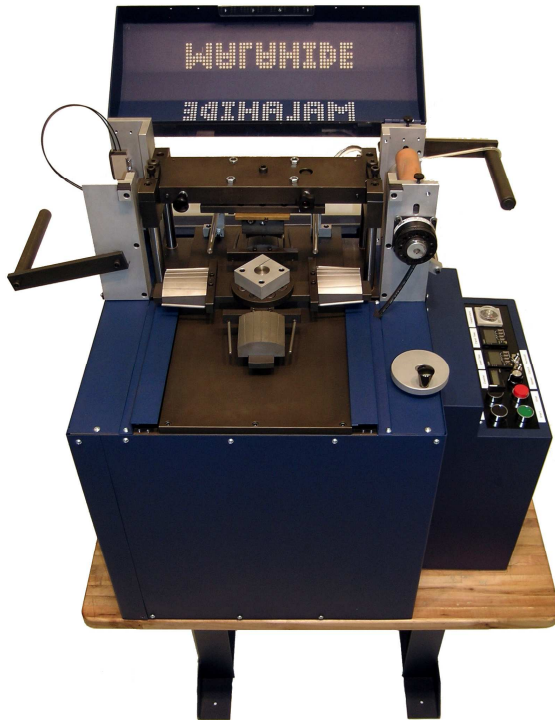
The E4-NB's registration system is particularly good at re-registering pre-printed parts, enabling it to stamp multi-colour logos. A precision printhead and X / Y chase combine to create bright and crisp hot stamps.

Price : US\$19,500
www.HotStamping.com/zindex-e4nb.html

Print Area	2" x 3.5"
Print Tonnage	8 Tons nominal
Part Dimensions	1" x 2" minimum ~ 4" x 6" maximum
Foil Pull	Side to Side Draws from 0.75" ~ 3"
Speed Range	1,500 ~ 6,000 parts hour
Upgrades	Holographic Foil Feed : \$2,500 Sequential Numbering : \$650
Control Panel	Power - Start - Stop - Jog - Reverse - Speed - Temperature - Counter
Discharge	Incremental Conveyor only
Size	2' deep x 3' wide x 4' feet high
Weight	450 lbs. 550 lbs. crated
Electrical	115 VAC @ 13 Amps



E4-Turntable



The **E4-T Turntable Press** features a 4-position rotary feed mechanism that simplifies loading and unloading of hollow and odd-shaped parts.

A precision printhead provides a crisp impression, while a quick die change system speeds change-time on lower-volume runs.

The E4-T is especially well-suited to stamping small paper and plastic boxes for retailers and product packagers.

Price : US\$22,500
www.HotStamping.com/zindex-e4t.html

Print Area	2" x 3.5"
Print Tonnage	8 Tons nominal
Part Dimensions	1" x 1" minimum ~ 4" x 4" maximum
Table Positions	4 positions only
Part Fixtures	Required, Custom.
Foil Pull	Side to Side Draws from 0.75" ~ 3"
Speed Range	750 ~ 2,500 per hour
Control Panel	Power - Start – Stop – Jog – Speed – Dwell – Strip - Temperature – Counter
Size	2' deep x 3' wide x 4' feet high
Weight	600 lbs. 700 lbs. crated
Electrical	115 VAC @ 13 Amps



M-Series Vertical Press



The Malahide **M-Series** offers a fresh and markedly different approach to the design of the vertical hot stamp machine.

The **M** is a new twist on Malahide's core technology, the E-Series all-electric print-head. Whereas on E-Series machines we use the print head to pull inward, the **M-Series** presses downwards. Enabling the machine to approach parts from a new direction, this design difference enables Malahide to now serve applications that we could not previously address.

Price : US\$17,500
<http://www.HotStamp.com>

Print Area	6" x 12"
Print Tonnage	5 Tons nominal
Frame Sizes	24" Wide Standard. Custom up to 48" wide
Foil Pull	Front to Back. 1" ~ 6.25"
Chase Lock	Electro Magnetic
Upgrades	Digital Foil Feed : \$2,500 Slide Tables : \$500 ~ \$4,000
Speed Range	Manual : 500 ~ 1,000 per hour Automatic : 1,500 ~ 5,000 per hour
Control Panel	Start – Stop – Jog – Speed – Temperature – Batch Counter – Dwell – Safety
Size	4' deep x 4' wide x 7.5' feet high
Weight	750 lbs. 900 lbs. crated
Electrical	115 VAC @ 13 Amps



Shipping, Banking & Finance

Shipping & Export

Shipping	NAFTA : Ground @ \$500 Global : Air Freight @ \$1,500
Crating	\$175.00
Customs Brokerage	Included
Taxes & Duties	Exported duty-free within NAFTA. Any and all taxes, duties or tariffs are extra.

Standard Terms :

NAFTA	50% with Order Balance on Delivery
Global	50% with Order Balance prior to export

Banking & Credit Cards	Cheque Wire Transfer VISA, MasterCard, American Express.
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Letters of Credit	Not Accepted
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Leases	Apply Now At : www.HotStamping.com/lease.html
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Leasing is a popular method of financing your next equipment purchase.

A separate financing contract we can help arrange with a 3rd party leasing firm, a typical lease runs from 3 – 5 years.

When structured with a \$1 or 10% buyout, leases effectively become a lease-to-own program.

Interest rates vary based on the strength of credit. Even new businesses can potentially obtain financing if you have strong personal credit.

Some of the advantages of leasing include :

- Fast Approvals
- Tax-deductible monthly payments
- Competitive Rates



Supplier Contacts

Wholesale Ribbon :

Scher Fabrics & Ribbons
Mr. Murray Matloff
New York City.
1-800-289-0025 / 1-212-382-2266

Denali Ribbon Company
Red Bank, New Jersey.
732-219-7771

JKM Ribbon
West Berlin, New Jersey.
1-800-767-3635 / 1-856-767-6604

Lion Ribbon Company
Chester, New Jersey.
1-800-551-5466 / 1-301-714-4881

Wholesale Foil :

Crown Roll Leaf, Canada
St. Laurent, Quebec.
1-800-363-3441 / 1-514-334-7282

Nakai Foils International
Holbrook, New York.
1-800 445 2684 / 1-631-563-0888

Sanyo Foils
Mr. Anthony Zerillo
Toms River, New Jersey.
1-732-473-9902

Die Makers :

Augustine Company
Marshalltown, Iowa.
641-753-3875

Owosso Graphics
Owosso, Michigan.
1-800-444-5552

Pella Engraving
Pella, Iowa.
877-549-5447

Quoins :

Bar Plate
Woodbridge, Connecticut.
1-800-356-9940