

# Foil Stamping, Embossing & Die Cutting Presses

## *NSF from THERM-O-TYPE*

### Overview

Foil Stamping, Embossing and Die Cutting are print finishing steps that add value to any printed piece. Thermotype has engineered and designed their NSF Series machines to fully enable the user to capitalize on this.

**Throughput:** the NSF series can run up to 5,000 sheets per hour. The press offers pre-loading capability and easy foil loading.

**Dependable:** The NSF series is manufactured as a press that requires impression strength. This is not a converted printing machine.

**Ergonomics:** Operators of the NSF series press are not required to lift heavy stock into an elevated feeder, dies are placed at table height and all press controls are at machine height.

**Automation:** The NSF Series offers touch screen press controls. This includes paper registration, foil draw, step and repeat impression positioning and the storage of job files.

Put this together and you see why the Thermotype NSF Series presses ensure maximum productivity without sacrificing quality.



**About THERM-O-TYPE :** THERM-O-TYPE is a family owned business that was founded in 1977.

THERM-O-TYPE Corporation designs and manufactures a unique line of innovative, reliable, high quality print finishing and enhancement technologies.

Current THERM-O-TYPE products include; sheetfed foil stamping, embossing and die cutting presses, inline die cut waste stripping attachments, foil fusers, foil cutters, cutter/slitter/creaser models, rotary die cutters, right angle slitters, handfed thermography machines and business card slitters.

### Foil Stamping, Embossing & Die Cutting Applications

- Folding Cartons
- Greeting cards
- Holograms and security
- Presentation/pocket folders
- Paper/hard back book covers
- Labels
- Business cards
- Digital Workflow
- Letterhead/stationery
- Announcements
- Report covers
- Packaging
- Diecutting/kiss cutting
- Media and mailing



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<b>NSF Series Presses</b>	<b>Elite</b>	<b>Excel</b>	<b>Ultra</b>
Maximum Paper Width	14.5"	18.5"	23.5"
Maximum Paper Length	20"	20.5"	28"
Minimum Paper Size	3 1/2" x 4 1/2"	3 1/2" x 4 1/2"	8 1/2" x 11"
Maximum Image Area	10 1/2" x 13 3/8"	12" x 17 5/8"	15 1/8" x 22.5"
Maximum Impression Pressure	20 US Tons	20 US Tons	33.3 US Tons
Main Drive Motor	3 Hp	3 Hp	5 Hp
Touch Screen Computer Control	Yes	Yes	Yes
Windows Computer Core	Yes	Yes	Yes
Programmable Impression Per Sheet	8	8	8
Maximum Foil Roll Diameter	7.2"	7.2"	7.2"
Maximum Impressions Per Hour	5,000	5,000	5,000
Digital Temperature Control	Yes	Yes	Yes
Impression Pressure Adjustment	Yes	Yes	Yes
Impression Pressure Display	Yes	Yes	Yes
Impressions Per Hour Display	Yes	Yes	Yes
Computer Controller Lubrication System	Yes	Yes	Yes
Double Sheet Detect/Interrupt	Yes	Yes	Yes
Skip Feed Impression Throw Off	Yes	Yes	Yes
Pile Feeder Capacity	32"	32"	32"
Feeder Pre-Load Capability	Yes	Yes	Yes
Computer Controller Foil Draw	Yes	Yes	Yes
Automatic Foil Acceleration Control	Yes	Yes	Yes
Air Blast Foil Separation	Yes	Yes	Yes
Computer Controlled Vertical Imprint Registration	Yes	Yes	Yes
Registration Table with Head Stop and Skew Adjustment	Yes	Yes	Yes
Paper Jam Detect/Interrupt	Yes	Yes	Yes
Low Air Pressure Detect/Interlock	Yes	Yes	Yes
Low Oil Detect/Interlock	Yes	Yes	Yes
Variable Speed Control	Yes	Yes	Yes
Job Set-up Information Storage and Retrieval	Yes	Yes	Yes
24 Volt Safety Circuit	Yes	Yes	Yes
Delivery Conveyor	Yes	Yes	Yes
Batch Counter	Yes	Yes	Yes
Second Programmable Foil Draw	Yes	Yes	Yes
Letterpress Chase	Optional	Optional	Optional
Letterpress Chase, Open Area Within Chase	9 3/4" x 13 3/8"	9 3/4" x 17 5/16"	22 1/2" x 15 5/8"
Max. Number of Foil Unwind Supports (Optional)	4	4	4
Holographic Registration System	Optional	Optional	No
High Speed Foil Fusing	Optional	Optional	Optional

# Foil Stamping, Embossing & Die Cutting Presses

**NSF Elite Foil Press** NSF Elite foil stamping equipment is the culmination of over 30 years of collaborative work between major producers of foil stamped, embossed and die-cut products and THERM-O-TYPE Corporation.

Exceptional fast set up, high productivity, accuracy and high-quality output make the NSF Elite foil stamping press one of the most profitable machine purchases you can make for your business.

Typical NSF Elite foil stamping equipment applications include; packaging, announcements/invitations, business cards, greeting cards, as well as enhancing a wide range of digitally printed, small or large quantity, products.



**NSF Excel Hot Foil Stamping Press** NSF Excel Foil Stamping Presses are the culmination of over 30 years of collaborative work between producers of foil stamped, embossed and die-cut products and THERM-O-TYPE Corporation.



Exceptional fast set up, high productivity, accuracy, reliability and high-quality output make the NSF Excel one of the most profitable machine purchases you can make for your business.

Typical NSF Excel foil press applications include; packaging, security, announcements/invitations, business cards, greeting cards, as well as enhancing a wide range of small or large quantity products.

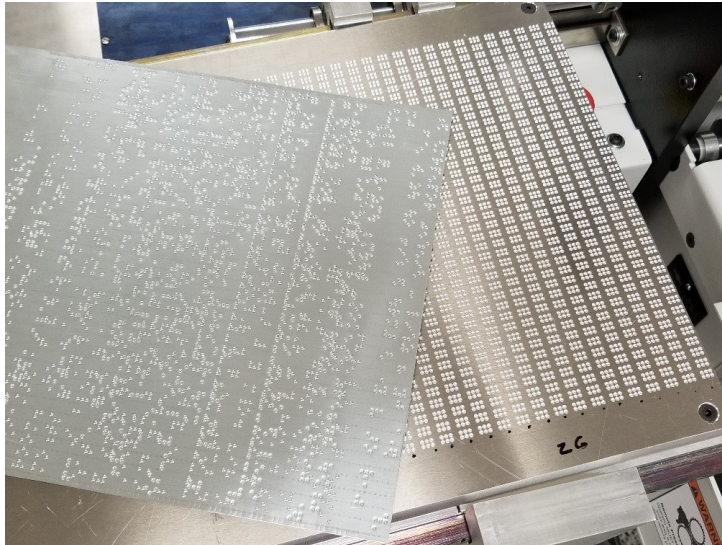
**NSF Ultra Foil Press** NSF Ultra die cutting equipment, steel rule die cutting press is the culmination of over 30 years of collaborative work between producers of foil stamped, embossed and die-cut products and THERM-O-TYPE Corporation.

Exceptional fast set up, high productivity, accuracy and high-quality output make the NSF Ultra die cutting, foil stamping equipment, one of the most profitable machine purchases you can make for your business.

Typical NSF Ultra die cutting press equipment applications include; packaging, announcements/invitations, pocket folders, business cards, greeting cards, as well as enhancing a wide range of digitally printed, small or large quantity, products.



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## THE AETEE GROUP

**"A job's not finished until it's finished."**



At AeTee our focus is on the Print Finishing market, providing high quality finishing equipment that offers versatility, flexibility and value. We believe in partnering with our customers, not just supplying equipment, and together finding solutions for your current needs as well as helping to identify future productivity potential.

With this at our core, we are continuously looking at ways to evolve our product line, ahead of market development and customer led demand. Please contact us even if you cannot see what it is you are looking for... If it is not something we currently supply, we will happily try and source it for you.

AeTee Graphics

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