:Avalon LF Thermal

:Avalon LF Thermal – Models and Choices
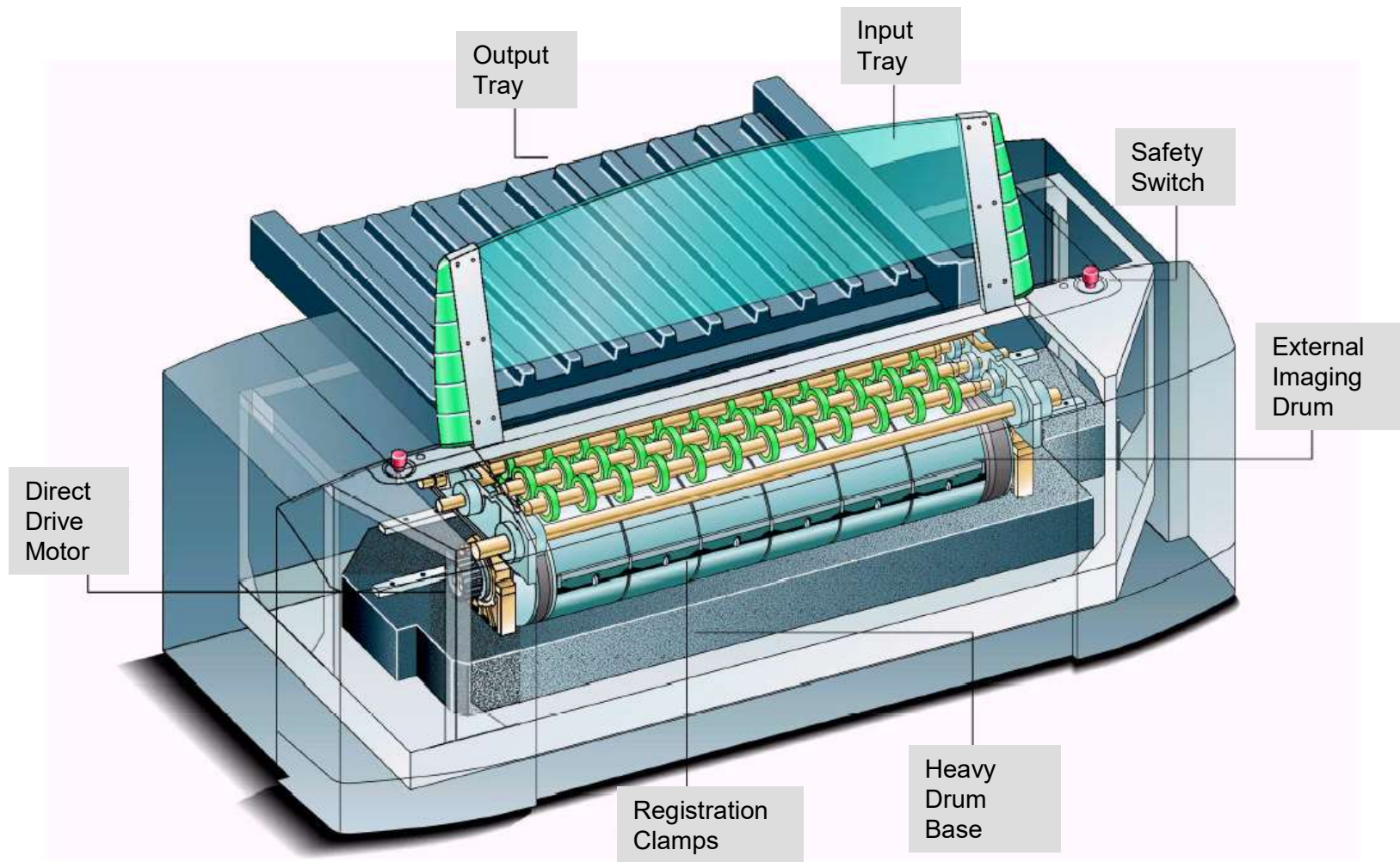
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:Avalon LF Thermal − Models and Choices

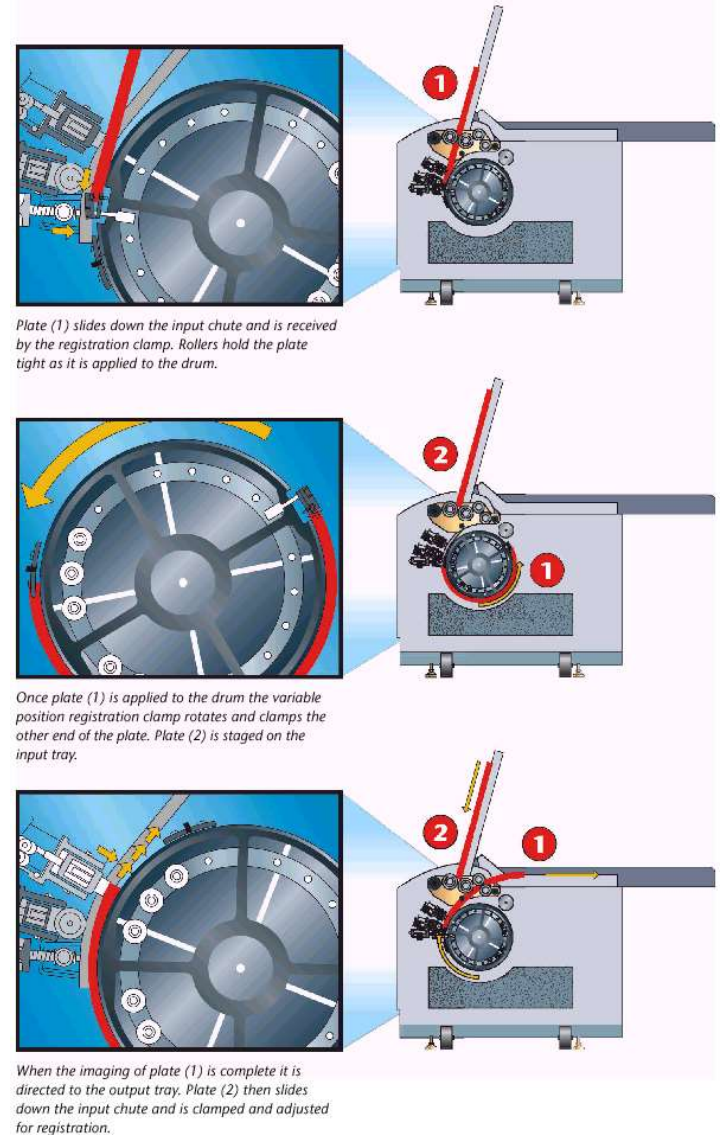|	
Models (speed)	• LE • E • S • XT • XXT
Plate loading & Automation options	• Manual • JLA (Job-level Automation) • PlateManager (Full automation)
Plate unloading	• Manual • On-line processor
HD Imaging Heads	• Standard (200 :ABS, 240 :Sublima) • Universal (Thermofuse) (200 :ABS, 240 :Sublima) • Elite (340 :Sublima, 21µm :CristalRaster)

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Output Tray

Input Tray

Safety Switch

External Imaging Drum

Direct Drive Motor

Registration Clamps

Heavy Drum Base

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Over & Under Design

- Unlike other "toaster" designs

- Allows for plate staging while previous plate is imaging

- Fast plate handling for maximum productivity

- Note: this is called "continuous load" by others

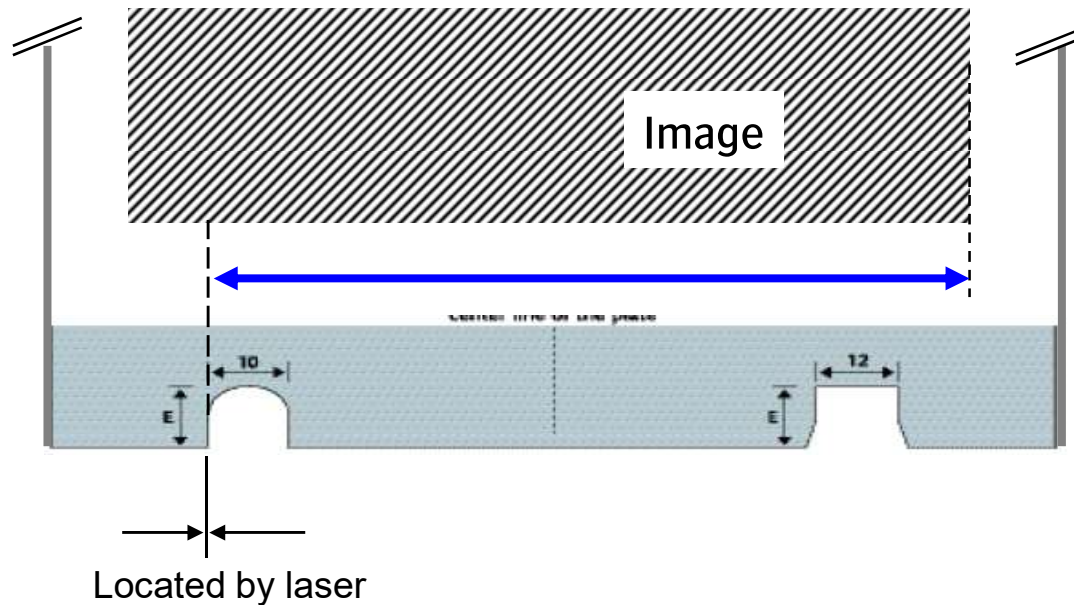Plate (1) slides down the input chute and is received by the registration clamp. Rollers hold the plate tight as it is applied to the drum.

Once plate (1) is applied to the drum the variable position registration clamp rotates and clamps the other end of the plate. Plate (2) is staged on the input tray.

When the imaging of plate (1) is complete it is directed to the output tray. Plate (2) then slides down the input chute and is clamped and adjusted for registration.

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Internal Punching

Image

Located by laser

Image is positioned to notch

- **laser detected**
- **Provides ultimate registration accuracy**
- **Unique to Agfa**

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#1-Bacher 220mm

#2-Bacher 425mm

#3-Komori 550mm

#4-Bacher 780mm

#5-Komori 830mm

#6-Bacher/Komori 780/830mm
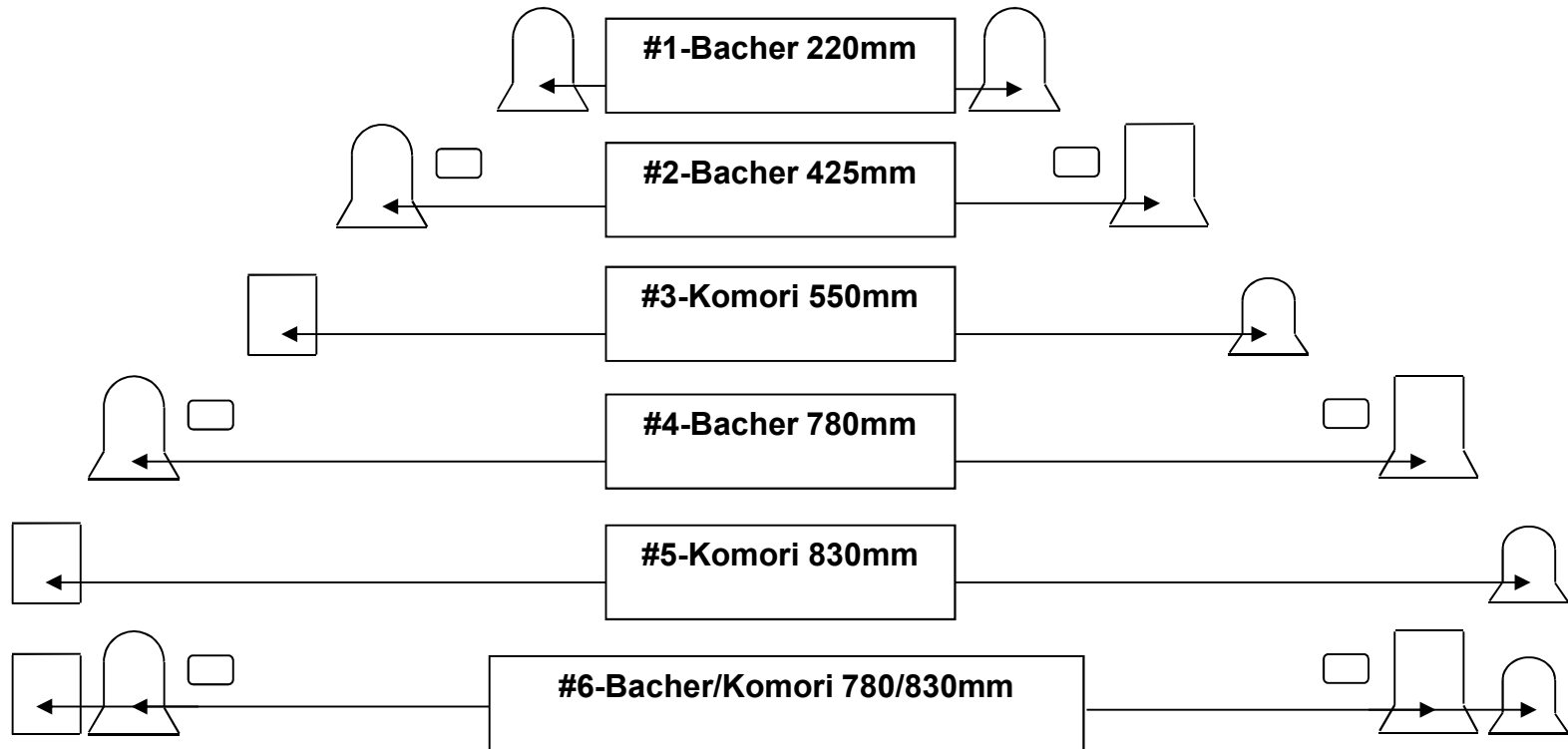
Punches are mounted on carrier : no loss of plate throughput

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Throughput

:Avalon LF Platesetter Throughputs

Conditions	• 2400 or 1200 dpi • Throughput may vary with screen type (XT Elite and XXT Elite only) • 40.5 x 31.5" (1030 x 800 mm plate) • Approved processor and configuration • 140 mj/cm plate (only applies to P970)		
Nominal plate throughputs	*plates per hour (up to)*		
	Thermostar (P970)	Amigo	Azura
LE	10	-	-
E	15	15	12
S	20	18*	17
XT	30	--	22
XXT	40	-	-

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