**Large Format Size Capabilities**

**Purpose**

This training document provides a structured overview of the size capabilities for various printing and cutting equipment. It ensures proper utilization of materials and adherence to equipment limitations.

**HP Latex 700 W (Printer)**

**Maximum Capabilities:**

* **Material Width:** Up to **60” wide** (64” actual limit, material permitting).
* **Roll Stock Length:** **150’ standard**, up to **300’ if available**.
* **Print Limits:**
	+ **Print-Only:** Max **59” wide**, length limited by material.
	+ **Print/Cut:** Max **58” wide**, up to **10’ (120”) long** due to cutting limitations.
	+ **OPOS Marks:** Print/Cut jobs require at least **5/8” of space** on both sides of the material.
		- *Example: 24” material provides* ***22.75” of usable space****.*

**Minimum Limitations:**

* Objects smaller than **1/8”** and text smaller than **10pt** are **not recommended** due to printer resolution constraints.

**Summa S2 T160 (Cutter/Plotter)**

**Maximum Capabilities:**

* **Material Width:** Up to **64” wide**
* **Cutting Limits:**
	+ **Cut-Only Jobs:** Up to **¼” from the edge** of the material.
	+ **Print/Cut Jobs:** Up to **5/8” from the edge** of the material.
	+ **Job Length:** Up to **10’ (120”)**, depending on content.

**Minimum Limitations:**

* Cutting text or design elements smaller than **½”** is **not recommended** for most materials.
* For specific substrate limitations, refer to **Contour Cut Minimum Size Capabilities**.

**Keencut SteelTrak 65" (Sheet Substrate Cutter)**

**Maximum Capabilities by Material:**

* **64” Cut Width** – Gaterboard, Coroplast, Foamcore, PVC
* **68” Cut Width** – ACM

Cutter is only limited by the side being cut and the space available

**Substrate Limits**

**Sheet Substrates (ACM, Coroplast, Foamcore, Gaterboard, PVC)**

* **4’ x 8’ (48” x 96”)** – Most Common
* **5’ x 10’ (60” x 120”)** – Available but should only be used when needed due to transportation and handling difficulty/expense

**Roll Substrates (Wrap Vinyl, Perf, Banner, Canvas, Cut Vinyl, etc)**

* **64” width** – Very rare to find, **54” and 60” are most common**
* **300’ Length** – 150’ is standard

**Paneling Requirements**

For jobs exceeding the size limitations outlined above, **paneling** may be required.
**Paneling** involves splitting a large print job into multiple overlapping sections that will be reassembled during installation.

For further details, refer to **Paneling Vinyl Jobs**

**Additional References**

📌 **Related Documents:**

* **Contour Cut Minimum Size Capabilities** – Detailed material-specific limitations.
* **Paneling Vinyl Jobs** – Proper procedures for handling oversized jobs.