

# Vinyl Cutter - US Cutter MH-721-MK2

## Details

- 28" Wide vinyl cutter
- Multiple cutting blade options
- Industrial grade
- T-Shirt or Indoor/Outdoor vinyl

## Software

Uses Sure Cuts A Lot Pro that is located on the 3D Computer. We don't have a maker edition for this product. You would have to purchase your own copy.

## Materials/Supplies

### Blades - We have several backups and being industrial grade they last a long time

- 30/45/60 degree blades. - Here is a selection of them at Amazon - Pretty cheap - <https://amzn.to/3CBtgSN>

### Vinyl - Some links below for different types

- Siser Easyweed
  - Assortment Pack - Customize your colors - <https://amzn.to/3buKyHm>
  - 11/8" x 3 foot rolls - <https://amzn.to/2ZFRAQv>
- Oracal - Graphics and Lettering
  - 631 - Indoor Removable up to 2 years -
  - 641 - Matte Finish permanent adhesive -
  - 651 - Gloss Finish permanent adhesive (most popular) - <https://amzn.to/3w5hvDQ>
  - More explanations of the models - <https://www.thevinylspectrum.com/vinyl-types.html>

## Time and Pressure settings

<https://www.heattransferwarehouse.com/blog/heat-press-temperature-and-time-guide-for-htv/>

PRODUCT	TEMP	TIME	PRESSURE	PEEL	LAYERABLE	FABRICS	FINISH
Siser Easyweed	305 F	10-15 seconds	Medium pressure	Hot or Cold	Yes	Polyester, cotton, poly/cotton blends	semi-gloss
ThermoFlex Plus	330 F	15 seconds	Medium to high pressure	Warm or Cold	Yes	Cotton, linen, wool, lycra, spandex, polyester blends	matte
Siser Easyweed Stretch	320 F	Pre-press 2 seconds, then 20 seconds	High pressure	Hot or Cold	Yes	100% uncoated polyester, poly/cotton blends, cotton, lycra, wool, linen	matte
Siser Glitter	320 F	15 seconds	Medium to high pressure	Warm	Top layer only	Cotton, polyester, fabric blends, spandex, lycra, wool, linen	textured glitter
WALAKut Puff	320 F	15 seconds	Medium pressure	Warm	Top layer only	Cotton, uncoated, polyester, fabric blends, poly /acrylic	textured puff
Siser Holographic	320 F	15-20 seconds	Medium pressure	Cold	Top layer only	Cotton, polyester, cotton/poly blends, leather	glossy
Easyweed Fluorescent	305 F	10-15 seconds	Light pressure	Hot	Yes	Polyester, cotton, poly/cotton blends	semi-gloss
Decofilm Soft Metallics	302-320 F	7-8 seconds	Medium pressure	Cold	Top layer only	Cotton uncoated polyester, fabric blends, poly /acrylic	smooth, soft metallic
Stripflock Pro	311 F	10-15 seconds, 10 second re-press if design lifts	Medium pressure	Warm	Yes	Cotton, polyester, poly/cotton blends, leather	suede texture
Siser Easyweed Glow in the Dark	305 F	Pre-press 2 seconds, then 10-15 seconds	Medium/firm pressure	Hot or Cold	Yes	100% uncoated polyester, cotton, poly/cotton blends	white in the light, semi-gloss
WALAKut Express	250-302 F	5 seconds	High pressure	Warm or Cold	Yes	Cotton, polyester, elastan, or blends of these textiles	matte
Siser Sparkle	311 F	15 seconds	Medium pressure	Warm	Yes	Cotton, polyester, poly/cotton blends, elastic fabrics, spandex	smooth glitter
Siser Twinkle	305 F	15 seconds	Medium pressure	Warm	Top layer only	Cotton, polyester, poly/cotton blends	smooth glitter
Thermoflex Turbo Low Temp	265 F 300 F poly /acrylic, nylon	5 seconds	Medium pressure	Warm	Yes	Cotton, polyester, poly/cotton blends, leather, sublimated polyester	smooth metallic

Siser Metal	305 F	10-15 seconds	Medium pressure	Cold	No	Cotton, polyester, poly/cotton blends, leather, sublimated polyester	smooth metallic
Hotmark Revolution	230-245 F 285 for nylon	20-25 seconds	Medium pressure	Hot	Yes	Cotton, polyester, nylon, acrylic	matte

## Hot Peel

Most standard htv will be a warm or hot peel like Siser Easyweed, ThermoFlex Plus, Siser Easyweed Stretch, Easyweed Fluorescents, Siser Easyweed Glow in the Dark, WALAKut Express, ThermoFlex Turbo Low Temp, and Chemica Hotmark Revolution. Other specialty heat transfer vinyl like Siser Glitter, WALAKut Puff, StripFlock Pro, Siser Sparkle, and Siser Twinkle are also a warm peel!

## Specialty Vinyl

We offer a wide variety of unique heat transfer vinyl such as WALAKut Puff, Siser Holographic, Decofilm Soft Metallics, Stripflock Pro, and lots of in-house printed patterns. These types of htv sometimes have different application instructions, so make sure to read those thoroughly before pressing.

## Low Temp

Low temp htv is a great option for pressing more heat-sensitive materials. WALAKut Express, Siser Easyweed, Thermoflex Turbo Low Temp, and Chemica Hotmark Revolution are the low temp options available on our website.

## Cold Peel

Some htv requires a cold peel, if the vinyl you are using recommends a cold peel, it is important to be very patient and wait until it is not warm at all. A method we do for cooling off the htv quicker is to take the garment off your heat press, then place the vinyl side down on your table! Some heat transfer vinyl that requires a cold peel are Siser Metal, Decofilm Soft Metallics, and Siser Holographic.

## Layerable

Some layerable htvs are Siser Easyweed, ThermoFlex Plus, Siser Easyweed Stretch, Easyweed Fluorescents, StripFlock Pro, Siser Easyweed Glow in the Dark, WALAKut Express, Siser Sparkle, ThermoFlex Turbo Low Temp, and Chemica Hotmark Revolution. In the chart when we talk about top layer only, that simply means we don't recommend layering other htv on top of it, but it will be fine on top of other htv.

## Using a Heat Press with Heat Transfer Vinyl

Computer number: 16651 45760 61934 37276 27524 06591

<https://docs.google.com/presentation/d/1Cj pz YNp Rtwr8VdQC5-Z9avj4FJN18F-qTOVvY58DxF4/edit?usp=drivesdk>



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