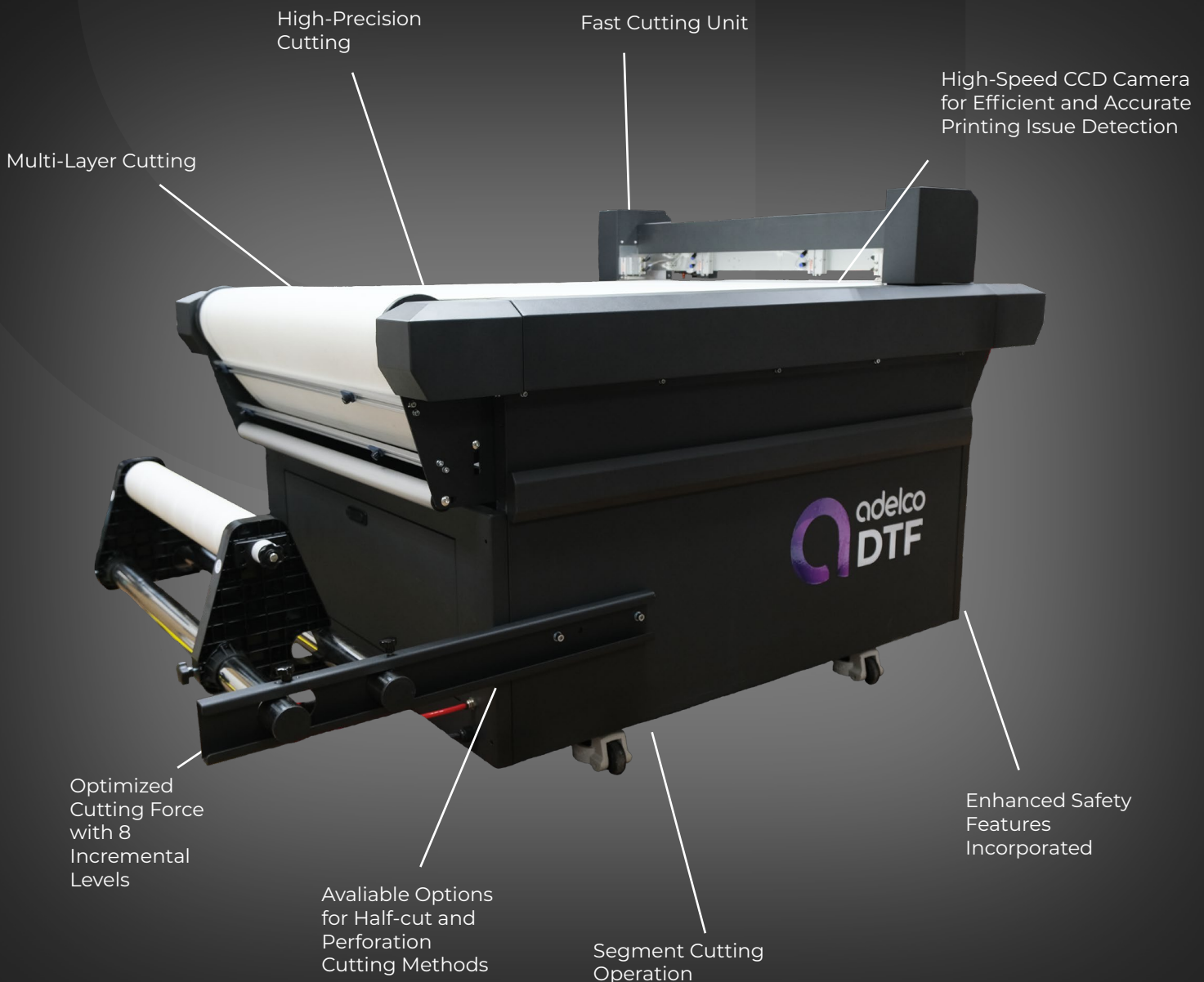




# Digital Cutter

Introducing an intelligent accessory for our **DTF printer**. The **DTF Cutter**, the perfect companion for the **DTF**.



# A highly intelligent CNC Digital Cutter unit.

## A perfect pair for our DTF solution for a seamless DTF solution



Adelco's computerized numerical control Digital Cutter comes equipped with an advanced high-precision cutting unit that ensures the highest detail in small designs. Paired with a safety motor tool that will pause operations whenever the carriage is jammed.

Features of the cutter includes:

- A fast cutting unit - A variety of speeds for any volume of productions.
- Multi-layer cutting - Capable to cut through multiple layers at one and apply different strengths across the different layers.
- High-speed CCD camera - Extremely efficient in detecting printing issues and accurate recognition of problems.
- High-precision cutting unit - Remarkably accurate, able to do consistent cuts as small as 0.8mm.
- Adjustable cutting levels - 8 different cutting strengths perfect for any job.
- Half-cut & Perf Cut - Versatile for any type of need.
- Adjustment algorithm - Able to detect and discard distorted, rounded or lifted corner designs
- Accurate cutting paths - No longer need to overcut, the start and end nodes line up with each other accurately.
- Segment cutting operation - Capable for a more precise alignment using different types of axis around the designs. Perfect for tracking long rolls, laminated designs and heavier materials.
- Cutting along the dotted lines - Available feature when cutting 2 layers and capable of performing with different types of paper

	DTF Cutter 60cm	DTF Cutter 140cm
<b>Working Size</b>	350 x 450mm or 610 x 900mm	1300 x 1410mm or 1260 x 1410mm
<b>Applicable Media Thickness</b>	0.03 - 1mm	≤1.5mm
<b>Applicable Media</b>	Balanced pliability for soft and rigid materials	Reflective sheeting, PPF, window tint, PPE, PET, Vynil, Paper
<b>Method</b>	Vacuum pump and/or adhesive mat	Conveyor & roll media bracket - Vacuum table
<b>Cutting Speed</b>	600mm/s	600mm/s
<b>Cutting Force</b>	600g / 5.8N in 8th level	600g / 5.8N in 8th level
<b>Cutting Set-up</b>	Adjustable in every 1g	Adjustable in every 1g
<b>Blade Diameters</b>	0.9mm, 1.5mm, 2.0mm	2.0mm
<b>Blade Angles</b>	30°, 45°, 60°	30°, 45°, 60°
<b>Dotted Lines Cutting</b>	Included	Included
<b>Drive</b>	AC Servo	AC Servo
<b>Mechanical Resolution</b>	0.0125mm	0.0125mm
<b>Compatible OS</b>	Win 10/ 8 / 7 / XP	Win 11/ 10 / 8 / 7
<b>Memory Buffer</b>	2 MB	2 MB
<b>Software</b>	Windows Driver, SignWorkPro, CADtoPlotpro & CADlink	Windows Driver, SignWorkPro, CADtoPlotpro & CAD link
<b>LCD</b>	English	English
<b>File Format</b>	HP-GL, PLT	HP-GL, PLT
<b>Port in Standard</b>	USB, RS-232	USB, RS-232
<b>Registration Marks Recognition</b>	CCD Camera	CCD Camera
<b>Power Input</b>	110 - 220V AC, 50 - 60Hz	110 - 220V AC, 50 - 60Hz
<b>Power Consumption</b>	620w or 900w	3.2kw
<b>Cutter Holder / Pen Holder</b>	1 for each	1 for each
<b>Types of Pen</b>	Water based fiber-tip pen & oil based ball pen	Water based fiber-tip pen & oil based ball pen
<b>Package Size L - W - H</b>	1050 x 760 x 600mm or 1350 x 1220 x 1220mm	1900 x 2200 x 1030mm or 2000 x 2100 x 1270mm
<b>Gross / Net Weight</b>	67 / 52kg or 160 / 90kg	480/320kg