

**graphic  
whizard**  
print finishing solutions



**SINAJET**  
**MT Series**

Established 1902  
**Northern**  
machine works

Digital  
Die  
Cutters



DF0604-MT  
DF0906-MT  
DF1007-MT

The Graphic Whizard digital flatbed cutter line is the only one in the market of automatic plotters with Interchangeable Tools for specific and professional processes to handle not only prototyping, but also for small production. Capable of handling plasticized prints (up to 10mm with the oscillating tool) sheets are automatically managed allowing for unparalleled operator freedom. Feed, cut, crease, perf, and more on materials such as; paper, cardboard, corrugated, light PVC, FOAM, KT Carton, coupled, special foil, polypropylene sheets, vinyl, ABS, magnetic adhesives. Interchangeable tools allow for cutting, kiss-cutting, creasing and perforation.



**Applications:**

Short run die-cutting

Textiles

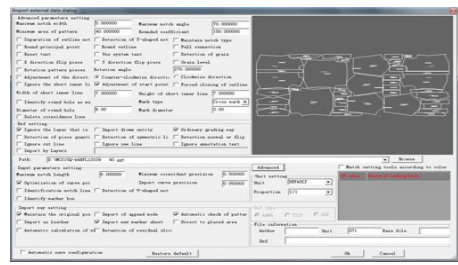
Labels and Vinyl

Corrugates and POP display

Packaging



The CONTROL CENTER Software will directly drive the Cutter for the job you want to perform, and if you have already created it, the setup will take place by automatically reading the supplied barcode. Accuracy is ensured by the mark reader that controls the head to achieve perfection every time.



**Modular Design:**

Simply load the 7" high capacity suction pile feeder or take a look at one of our many options for the MT line. Optional roll feeder, high capacity inline roll feeder, and rewinders are available for roll to roll customers. The MT series digital die cutters comes with a roll away output tray and adjustable guides to make feeding and collecting finished products a breeze.

**SOFTWARE**

The supplied Sinajet program includes numerous operation modes and data interchange with the work table and the CCD camera. This enabled a seamless one step process for projects read in barcode and allows for perfect registration with the built in mark reader.



Dual RCT : Rotary Cutting Tools cuts up to 1.8mm



RST: Rotary Score/Perf Tool



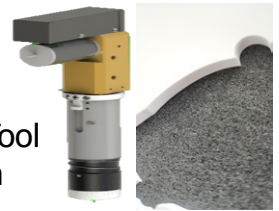
ACT : Active Circular Tool cuts up to 1.8mm



ECT: Electronic Cutting Tool cuts up to 6mm



EOT: Electronic Oscillating Tool Up to 10mm





Scan to watch  
the DF0604-MT  
product video

Specifications	DF0604-MT	DF0906-MT	DF1007-MT
<b>Feeder pile height capacity</b>	180 mm / 7"	180 mm / 7"	180 mm / 7"
<b>Max. Sheet Size (Autofeed)</b>	680 mm x 420 mm / 26.8" x 16.5"	1000 mm x 700 mm / 39.4' x 27.5"	1010 mm x 720 mm / 39.75" x 28.3"
<b>Max. Cutting Area</b>	600 mm x 400 mm / 23.6"x15.75"	900 mm x 600 mm / 35.4 x 23.6"	1000 mm x 700 mm / 39.4" x 27.5"
<b>Max. Cutting Speed</b>	1,000 mm/second	1,000 mm/second	1,000 mm/second
<b>Cutting Thickness</b>	Up to 10 mm	Up to 10 mm	Up to 10 mm
<b>Recommended cutting material</b>	Cardstock, Paper, Labels, Foam Board	Cardstock, Paper, Labels, Foam Board	Cardstock, Paper, Labels, Foam Board
	ABS, Paper and Plastic Corrugated	ABS, Paper and Plastic Corrugated	ABS, Paper and Plastic Corrugated
<b>Number of tool locations</b>	4	4	4
<b>Standard tools included</b>	Pen, RST (rotary score/perf tool)	Pen, RST (rotary score/perf tool)	Pen, RST (rotary score/perf tool)
	ACT (active circular tool) fabric and textile cutting	ACT (active circular tool) fabric and textile cutting	ACT (active circular tool) fabric and textile cutting
	Dual RCT (rotary cut tool) cuts up to 1.8 mm	Dual RCT (rotary cut tool) cuts up to 1.8 mm	Dual RCT (rotary cut tool) cuts up to 1.8 mm
	ECT (electronic cut tool) cuts up to 6 mm	ECT (electronic cut tool) cuts up to 6 mm	ECT (electronic cut tool) cuts up to 6 mm
<b>Oscillating Knife Option</b>	EOT (electronic oscillating tool) cuts up to 10 mm	EOT (electronic oscillating tool) cuts up to 10 mm	EOT (electronic oscillating tool) cuts up to 10 mm
<b>Active Circular Knife Option (fabric)</b>	Yes	Yes	Yes
<b>Roll feed option</b>	Yes	Yes	Yes
<b>Infrared anti-collision option</b>	Yes	Yes	Yes
<b>Compressor required</b>	Yes, built in	Yes, built in	Yes, built in
<b>Cutting and Camera Software</b>	Sinajet Control Center	Sinajet Control Center	Sinajet Control Center
<b>QR Code Reader</b>	Yes	Yes	Yes
<b>Barcode Reader</b>	Yes	Yes	Yes
<b>CCD Camera Positioning</b>	Yes	Yes	Yes
<b>Cutting Tolerance</b>	+/- 0.1mm	+/- 0.1mm	+/- 0.1mm
<b>Min. Paper Weight</b>	80 gsm/70 lb. text	80 gsm/70 lb. text	80 gsm/70 lb. text
<b>Dimensions</b>	3123 (L) x 1090 (W) x 1170(H) mm	3882 (L) x 1250 (W) x 1175(H) mm	3934 (L) x 1350 (W) x 1065 (H) mm
	123" (L) x 43" (W) x 46 "(H)	153" (L) x 49 (W) x 46 (H)	155" (L) x 53 (W) x 42 (H)
<b>Machine weight</b>	450 kg / 990 lbs	500 kg / 1100 lbs	660 kg / 1455 lbs
<b>Warranty</b>	1 year parts and electronics	1 year parts and electronics	1 year parts and electronics



2817 Cedar Street  
Philadelphia PA, 19130  
(215) 425-0300