eclipse™

Die Free Flatbed Cutting Solutions

Electric Oscillating Tool

Digital Cutting System

The Eclipse die free flatbed cutting solution is designed for the Printing, Packaging and Sign industries. It is a cost-effective solution for sample making and short-run production of adhesive sheets, business cards, specially shaped cards, invitations, labels, small packaging, tags and more. The Eclipse Plus can oscillate, cut, kiss cut, decal cut and crease a variety of paper and card stock up to 6mm thick and up to B2+ sheet size (20.5x29.5 inches on Eclipse 5070).

No Cutting Dies

The Eclipse Plus is integrated with a oscillating tool, cutting tool, creasing wheel tool and plotting pen. Import DXF, PLT, or HP/GL files into the Eclipse controller for processing and cutting. No physical cutting dies required.

Automatic Sheet Feeder

The automatic sheet feeding system is designed to load and cut without the need of an operator.

Features

- Cutting and creasing
- Precise automatic positioning system
- High-definition CCD Camera
- Automatic feeder
- Bar Code Management system
- Material Dimensions: 15 ½" x 26 ½"   & 20 ½" x 29 ½"
- Max Cutting Speed – 39 inches/s – 1000mm/s
- Max Cutting Thickness: up to 6mm

Tools

- 2 Knife Positons
- 1 Creasing Tool
- 1 Electric Oscillating Tool (EOT)
- CCD Camera Registration

Sheet thickness and size for dependant on machine model

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*Eclipse R (Roll Option)

Combination Cutting and Creasing Functions
Standard cutting & creasing feature that include, decal cut, kiss cut, creasing, & oscillating knife cutting

Automatic Positioning System
The high-definition CCD camera automatically and positions materials for precise cutting.

QR/Barcode Management System (option)
Designed to manage reading of cutting tasks.

Automatic Feeding System
Fully automatic feeding system for more efficient production.
Roll Feed Option available for Roll to sheet processing needs.

Corrugated Board
- Promotional tags/signs
- Packaging ▪ Yard Sign

Sticker/Vinyls
- Decals ▪ Asset tags
- Logo ▪ Automotive Vinyl

CardStock/board
- Boxes ▪ Packaging

Foam Board / Gator
- Event Signs ▪ Tradeshow
- Presentation Graphics

PP Paper
- Display films ▪ Photo
- Shelf Tags

Reflective materials
- 3M ▪ Traffic Signs
- Warning Signs

Product	Eclipse & EclipseR *(R = w/Roll Feed)*	
Machine Type	4060 / 4060R	5070 / 5070R
Cutting Area (W x L)	400 x 600 mm (15.5" x 26.5")	530 x 750 mm (20.5" x 29.5")
Floor Work Area (L x W x H)	93" x 36" x 46"	102" x 40" x 60"
Cutting Tool(s)	Oscillating Tool, Universal Cutting Tool, Creasing Wheel, Kiss Cut	
Cutting Materials	Paper, Foam Board, PSA Vinyl, Reflective films, Cardboard, Corrugated, ABS, Magnetic, Card Stock, Grey Board	
Cutting Thickness	up to 6mm	
Media Hold	Vacuum Motor / Conveyor	
Max Cutting Speed	1000mm/s (39"/s)	
Cutting Accuracy	±0.1 mm (.004")	
Data Format	PLT, DXF, HP/GL	
Voltage	Single Phase - 208/220V	
Power	30 Amp	
Environment	50 -80 °F - Humidity 20-80% RH	