Digital Die Cutter for 20 inch x 29 inch sheets

Integrated Touch Interface

Optional Roll Feeder

Oscillating Tool

Cost effective Digital Cutting System

The Eclipse 2029 Digital Die Cutter is a die free flatbed cutting solution designed for the printing, packaging, and sign industries. It is a cost-effective solution for sample making, short-run production of adhesive sheets, business cards, specially shaped cards, invitations, labels, small packaging, tags, and more. The Eclipse 2029 features an integrated touch screen pc for full operation at your finger tips. Process materials up to 6mm thick and up to B2+ (20″x29″) sheet size.

No Cutting Dies

The Eclipse 2029 is integrated with oscillating tool, drag knife, kiss-cut tool, creasing wheel, and ploting pen for die free cutting. Options are available for perforation and v-cut tools. Process materials up to 6mm thick.

Automatic Feeding System

Fully automatic feeding system and conveyor for continuous feed and cut production, eliminating the need for a dedicated operator. The high-definition CCD camera automatically positions materials and reads registration marks for precise cutting.

Software

Eclipse Software features Ibright and CutterServer designed for file recognition of PLT, DXF, HP/GL and is compatible with Kasemake, Artios CAD, Adobe Illustrator, Box Magician and much more. Also works with most rip programs for quick workflow management. Optional QR/Barcode management system available.

Stacker

Designed for continuous feeding of material stack up to 4.5″ tall (400 pieces of 250gsm/92lb cover).

Features

▶ Up to 4 tools on a single sheet.
▶ 4kw vacuum power absorption.
▶ Oscillating tool for up to 6mm thick materials.
▶ Automatic feeding system for continuous operation.
▶ Precise automated positioning system.
▶ QR/Barcode Management System

Combine the Eclipse 2029 with the Matrix Laminator foil fusion machine to create high end cards, brochures and packaging with foil or soft touch lamination.

43 inches

111 inches

44 inches

ECLIPSE 2029
Digital Die Cutting System

WORKFLOW

Digital printing prototyping & short-run production

Laminating & Foiling

Finishing

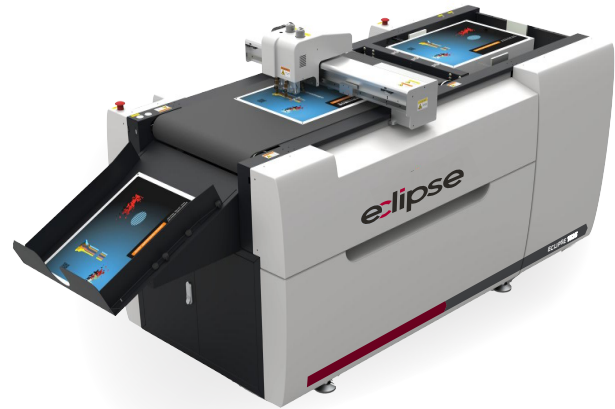| Cards	Labels	Packaging	Packaging	Packaging

Eclipse 2029 Specifications

Material	Paper, foam board, corrugated, card stock, etc.
Effective work area	20 x 29 inch (530 x 750 mm)
Maximum cutting speed	1000mm/s (39 inch/s)
Effective cutting thickness	6mm
Material capacity	Up to 4.5 inch (400 pieces of 250gsm/92lb cover)
Cutting accuracy	0.1mm (.004 inch)
Data format	PLT, DXF, HP/GL
Tools mountable	Up to 3 (including creasing wheel) on 3 head units
Display	Integrated Touch Interface
Media hold	Vacuum / Conveyor
Voltage	220 V single phase
Vacuum pump power	4kw
Work surface	Felt mat

Digital Die Cutter for 15 inch x 23 inch sheets

Automatic Feed System

Optional Roll Feeder

Oscillating Tool

Cost effective Digital Cutting System

The Eclipse 1523 Digital Die Cutter is a die free flatbed cutting solution designed for the printing, packaging, and sign industries. It is a cost-effective solution for sample making, short-run production of adhesive sheets, business cards, specially shaped cards, invitations, labels, small packaging, tags, and more. The Eclipse 1523 can process materials up to 6mm thick and up to B3 (15"x23") sheet size.

No Cutting Dies

The Eclipse 1523 is integrated with oscillating tool, drag knife, kiss-cut tool, creasing wheel, and ploting pen for die free cutting. Options are available for perforation and v-cut tools. Process materials up to 6mm thick.

Automatic Feeding System

Fully automatic feeding system and conveyor for continuous feed and cut production, eliminating the need for a dedicated operator. The high-definition CCD camera automatically positions materials and reads registration marks for precise cutting.

Software

Eclipse Software features Ibright and CutterServer designed for file recognition of PLT, DXF, HP/GL and is compatible with Kasemake, Artios CAD, Adobe Illustrator, Box Magician and much more. Also works with most rip programs for quick workflow management. Optional QR/Barcode management system available.

Stacker

Designed for continuous feeding of material stack up to 4.5" tall
(400 pieces of 250gsm/92lb cover).

Features

▶ Up to 4 tools on a single sheet.

▶ 4kw vacuum power absorption.

▶ Oscillating tool for up to 6mm thick materials.

▶ Automatic feeding system for continuous operation.

▶ Precise automated positioning system.

▶ QR/Barcode Management System

Combine the Eclipse 1523 with the Matrix Laminator foil fusion machine to create high end cards, brochures and packaging with foil or soft touch lamination.

43 inches

88 inches

40 inches

ECLIPSE 1523
Digital Die Cutting System

WORKFLOW

Digital printing prototyping & short-run production

Laminating & Foiling

Finishing

Cards	Labels	Packaging	Packaging	Packaging

Eclipse 1523 Specifications

Material	Paper, foam board, corrugated, card stock, etc.
Effective work area	15 x 23 inch (400 x 600 mm)
Maximum cutting speed	1000mm/s (39 inch/s)
Effective cutting thickness	6mm
Material capacity	Up to 4.5 inch (400 pieces of 250gsm/92lb cover)
Cutting accuracy	0.1mm (.004 inch)
Data format	PLT, DXF, HP/GL
Tools mountable	Up to 3 (including creasing wheel) on 3 head units
Display	PC & Monitor
Media hold	Vacuum / Conveyor
Voltage	220 V single phase
Vacuum pump power	4kw
Work surface	Felt mat