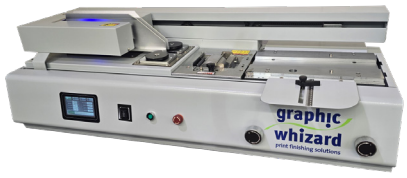
PERFECT BINIDING

Graphic Whizard perfect binding systems are easy to use and produce excellent results on short to medium length perfect binding runs. The machines are solidly built and include standard features normally seen on more expensive units.

EVA

EVA adhesives have significantly advanced to exhibit more PUR-like properties, delivering enhanced binding strength and flexibility. These improvements include increased elasticity, better adhesion to a variety of substrates, and a more resilient, flexible spine that accommodates movements without compromising bond integrity. Graphic Whizard's EVA formulation is an excellent choice for most coated and uncoated binding needs. Like PUR adhesives, modern EVA formulations now offer superior bonding qualities while maintaining the ease of application and reheating capability intrinsic to traditional hot melt EVA. This evolution results in more durable, versatile, and high-performance adhesive solutions for a wide range of bonding applications.



PB 320 MICRO

This tabletop entry level perfect binding system is easy to use and consistently produces professional quality products for short run applications. It is an affordable and efficient solution for your perfect binding needs. The PB 320 Micro EVA perfect binder features a 4" (102mm) color touchscreen, spine preparation, dust extraction and automatic cover clamping.

150 books/hour

110V, 60Hz, 15A

Maximum Binding Length: 12.6" (320mm)
Maximum Binding Thickness: 1.3" (33mm)

PB 320ATS

TOP SELLER!

This entry-level perfect binding system is easy to use and provides consistent professional quality products for short to medium run applications. It is an affordable and efficient solution for your perfect binding needs.

The 320ATS EVA features a 5" color touchscreen, large glue pot with applicator roller, disk application side glue, padding mode and book block glue trap setting. It also includes a 12-tooth milling cutter with 2 notching blades for excellent spine preparation, fully automatic clamping, built in dust extraction and more.

320 books/hour

208-230V, 60Hz, 20A

Maximum Binding Length: 12.6" (320mm)
Maximum Binding Thickness: 1.75" (44mm)

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PB 460ATS

The 460ATS EVA perfect binder with added features like a 5" (127mm) color touchscreen, larger glue pot with dual applicator rollers, disk application side glue, padding mode and book block glue trap setting. This heavy duty floor model perfect binding system operates at 460 cycles/hour, binds up to 18.1"(460) long books with up to a 2.25"(57mm) wide spine. Other features include dual layer 24 notching blades for excellent spine preparation, fully automatic clamping, built in dust extraction and more.

400 books/hour

208-230V, 60Hz, 20A

Maximum Binding Length: 18.1" (460mm)
Maximum Binding Thickness: 2.25" (57mm)

PB 425CF

TOP SELLER!

The PB 425CF with automatic cover feed is a professional EVA perfect binding system designed for mid to high-volume binding. The PB 425CF automatically calipers the book thickness to adjust the running speed, side glue application, clamping width and hinge and spine scoring. This cover feeding automation enhances productivity and reduces operator intervention.

The PB 425CF's synchronous belt transmission design controlled by its 7" (178mm) color touchscreen provides quiet and fast operation. The automatic cover feeder with in-line spine and hinge scoring features integrated tail and side jogging, ensuring consistent and accurate cover positioning. The spine milling, notching, pre-melt tank and side glue application all ensure a professional and durable production quality book. The PB 425CF is the most efficient, accurate, intelligent, and durable binder in its class.

400 books/hour

208-230V, 60Hz, 20A

Maximum Binding Length: 18.1" (460mm)
Maximum Binding Thickness: 2.25" (57mm)

PB 300CFVS

The PB 300CFVS with automatic cover feed and vertical stacker is a professional EVA perfect binding system designed for high-volume binding. The PB 300CFVS automatically calipers the book thickness to adjust the running speed, side glue application, clamping width and hinge and spine scoring. The PB 300CFVS's elevator system automatically ejects and stacks the finished books on their spine for curing to reduce operator intervention.

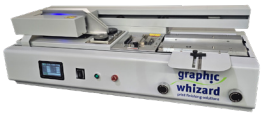
The PB 300CFVS's synchronous belt transmission design controlled by its 10" color touchscreen provides quiet and efficient operation. The automatic cover feeder with in-line spine and hinge scoring features integrated tail and side jogging to ensure consistent and accurate cover positioning. The spine milling and notching, pre-melt tank, and side glue application ensure a professional and durable production quality book every time.

500 books/hour

208-230V, 60Hz, 20A

Maximum Binding Length: 18.1" (460mm)
Maximum Binding Thickness: 2.25" (57mm)

PERFECT BINDING SPECIFICATION COMPARISON

		TOP SELLER!		TOP SELLER!	
					
	PB 320 MICRO	**PB 320ATS**	**PB 460ATS**	**PB 425CF**	**PB 300CVS**
Cycle Speed	150 books/hour	320 books/hour	400 books/hour	400 books/hour	500 books/hour
Max Binding Length	12.6" (320mm)	12.6" (320mm)	18.1" (460mm)	16.7" (425mm)	12.6" (320mm)
Max Binding Thickness	1.3." (33mm)	1.75" (45mm)	2.25" (60mm)	2.36" (60mm)	2.36' (60mm)
Notching	Yes	12 tooth milling cutter, 2 notching blades	20 tooth milling cutter, 2 notching blades	20 tooth milling cutter, 2 notching blades	30 tooth milling cutter, 4 notching blades
Clamping of Sheets	Electric Manual push button	Electric Manual push button	Electric Fully automatic	Electric Fully automatic	Electric Fully automatic
Clamping of Cover	Electric	Electric	Electric	Electric	Electric
Side Gluing	No	Yes, side glue pot with disk application	Yes, side glue pot with disk application	Yes, side glue pot with disk application	Yes, side glue pot with disk application
Cover Insertion	Manual	Manual	Manual	Automatic	Automatic
Warm up Time	20-30 minutes	20-30 minutes	20-30 minutes	20-30 minutes	20-30 minutes
Padding Mode	Yes	Yes	Yes	No	No
Dust Extraction	Yes	Vacuum, enclosed	Vacuum, enclosed	Vacuum, enclosed	Vacuum, enclosed
LCD Display	4"(102mm) color touchscreen	5" (127mm) color touchscreen	5" (127mm) color touchscreen	7" (178mm) color touchscreen	10" (254mm) color touchscreen
Dimensions	39"L x 14.6"W x 14"H (991mm x 371mm x 356mm)	51"l x 25"W x 44"H (1295mm x 635mm x 1118mm)	62"L x 29"W x 51"H (1575mm x 711mm x 1295mm)	50"L x 37"W x 60"H (1270mm x 940mm x 1524mm)	87"L x 38"W x 49"H (2210mm x 965mm x 1245mm)
Weight	132lbs (60kg)	400 lbs (180 kg)	575 lbs (260 kg)	992 lbs (450kg)	1212 lbs (550kg)
Warranty	1 year parts and electronics	1 year parts and electronics	1 year parts and electronics	1 year parts and electronics	1 year parts and electronics

NOTE: Machine performance will vary based on stock weight, type, and specifications of the job being performed.

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