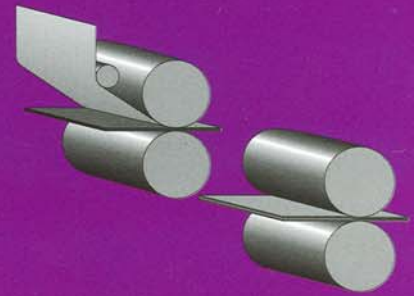




**BLACK BROS. CO.**

**KOALB**  
BLACK BROS.  
MONTICELLO, ILL.  
U.S.A.

**CAUTION**  
STOP! DO NOT REVERSE THE PRESSURE ROLLERS  
AT LEAST 3 SECONDS TO PREVENT DAMAGE



**Rotary  
Laminating  
Presses**

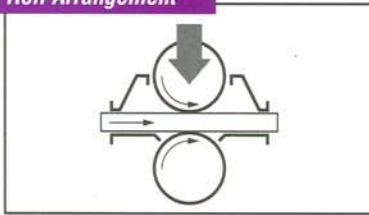


**Roll Laminating with Uniform Pressure for a Wide Range of Sheets, Overlays and Films**

**Model RL-750**

The RL-750 is Black Bros.' basic Rotary Laminator, considered ideal for laminating sheet-to-sheet materials. It's adept in many different applications, delivering bonding nip pressure up to 2000 lbs.

**RL-750 Roll Arrangement**



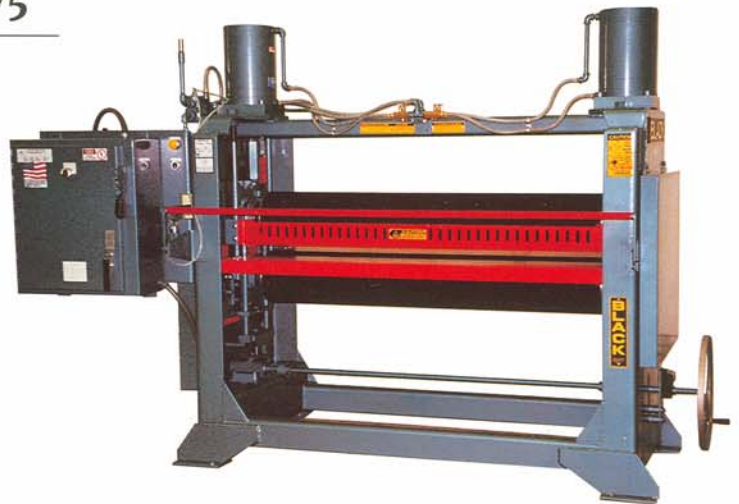
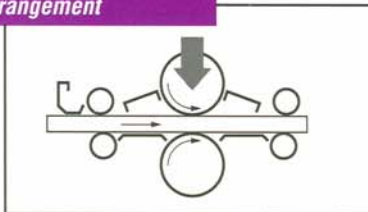
**Approximate Dimensions and Weights for Standard Machines**

Model	Length		Width		Height		Weight	
	in.	mm	in.	mm	in.	mm	lbs.	kg
RL-750 32"	45	1143	22	559	50	1270	800	363
RL-750 44"	57	1448	22	559	50	1270	1000	454
RL-750 56"	69	1753	22	559	50	1270	1100	499
RL-750 68"	81	2057	22	559	50	1270	1200	545

**Model RPP-650 and RPP-875**

Even, consistent pressure is a hallmark of these two highly versatile machines. The RPP-650 is a medium size unit that is excellent when working with fast-tack adhesives. Equally, the RPP-875 handles wider product with larger diameter rolls in a compact package.

**RPP-650 and RPP-875 Roll Arrangement**



**Approximate Dimensions and Weights for Standard Machines**

Model	Length		Width		Height		Weight	
	in.	mm	in.	mm	in.	mm	lbs.	kg
RPP-650 32"	61	1549	45	1143	65	1651	2000	909
RPP-875 56"	112	2845	48	1219	70	1778	3000	1361
RPP-875 68"	124	3150	48	1219	70	1778	3500	1588



## Multiple Markets Multiple Applications

### Rotary Laminating Presses

Designed for versatility, durability and performance, Black Bros. Rotary Presses have emerged as the premier laminating equipment across the many and varied industries in which they're found. This is why — after many decades of regular daily service in hundreds of installations — after

years of “on-site” research with customers and adhesive and material suppliers — and after thousands of man-hours in design and manufacturing refinements, Black Bros. is proud to present this current line of Rotary Laminating Presses.

Below are just a few of the markets and approaches where Black Bros. presses have proven their value in helping producers increase their quality and productivity.



<i>Industry/Application</i>	<i>RL-750</i>	<i>RPP-650</i>	<i>RPP-875</i>	<i>RL-1575</i>	<i>RPP-C1575</i>
<b><i>Appliances</i></b>					
Vinyl Clad Metal Panels		✓	✓		
Sound Deadening Layer Applications		✓	✓		✓
<b><i>Automotive</i></b>					
Cut Pile Carpet Backing			✓		✓
Dash and Door Panel Component Laminating		✓	✓		✓
Sound Deadening Insulation Panels			✓		✓
RV Component Panels		✓	✓		✓
<b><i>Building</i></b>					
Foam Core Building Panels		✓	✓	✓	
Foil Faced Insulation		✓	✓		✓
Garage Doors	✓	✓	✓		
Vinyl Clad Metal Panels		✓	✓		
High-Pressure Lamination to Core Stock	✓	✓	✓	✓	
Kitchen Cabinets		✓	✓		
Decorative Fabric Panel Office Partitions	✓	✓	✓		✓
Pressure Sensitive Material Coated Glass		✓	✓	✓	✓
<b><i>Furniture &amp; Home Furnishings</i></b>					
Carpeting			✓		✓
Carpet Padding					✓
Decorative Paper/Foil Applications		✓	✓	✓	
Embossed Vinyl Paperboard (Leatherette Look)					
Picture Frame Backs		✓	✓	✓	✓
RTA – Ready-To-Assemble		✓	✓	✓	✓
<b><i>Store Fixtures &amp; Furnishings</i></b>					
	✓	✓	✓	✓	
<b><i>Thermal Laminating Applications</i></b>					
		✓	✓	✓	✓

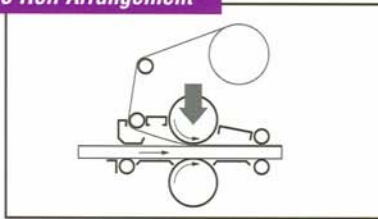


## Model RL-1575

The RL-1575 is designed and built to handle virtually any application conceived today where moderate pressures and the ability to transfer heat to the materials being bonded are needed. Its large diameter rolls provide extended heat transfer dwell time and accommodate roll-to-sheet laminating.



### RL-1575 Roll Arrangement



### Approximate Dimensions and Weights for Standard Machines

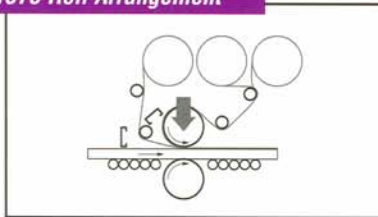
Model	Length		Width		Height		Weight	
	in.	mm	in.	mm	in.	mm	lbs.	kg
RL-1575 68"	120	3048	36	914	60	1524	5000	2268

## Model RPP-C1575

This model is designed for roll-to-roll applications, especially for laminating heat-sensitive adhesive films or thermally softened substrates. Its large diameter rolls and reinforced construction yield outstanding heat transfer performance on a wide range of materials up to 200 fpm.



### RPP-C1575 Roll Arrangement



### Approximate Dimensions and Weights for Standard Machines

Model	Length		Width		Height		Weight	
	in.	mm	in.	mm	in.	mm	lbs.	kg
RPP-C1575 56"	145	3683	58	1473	98	2489	4500	2041
RPP-C1575 86"	175	4445	58	1473	98	2489	7500	3402



## Models, Features and Specifications

### Rotary Laminating Presses

Rotary Laminating Presses from Black Bros. come in five standard model configurations. All share the company's long-standing reputation for delivering uniform bonding pressure across the full length or width of the roll or sheet. And many models are highly versatile machines that are equally adept in multiple applications. Each Black Bros. press model is built with a specific operating advantage to

satisfy a divergent producer base, each with their own materials, adhesives and manufacturing conditions.

Custom options and special machines based on the models below can be designed to exact specifications. We encourage you to discuss your special needs and specifications with us. We can run laboratory tests using your materials

to make samples for evaluation. Before you make a purchase decision, a careful review of your technical objectives, specifications and training requirements should be made.

The following matrix highlights standard and optional features of Black Bros. presses as well as pertinent specifications. For more detail, contact your Black Bros. representative.

<b>Specifications</b>	<b>RL-750</b>	<b>RPP-650</b>	<b>RPP-875</b>	<b>RL-1575</b>	<b>RPP-C1575</b>
Maximum Combining Pressure	2000 lbs.	4500 lbs.	8000 lbs.	3500 lbs.	8000 lbs.
Combining Roll Size	7½ in. O.D.	6½ in. O.D.	8¾ in. O.D.	15¾ in. O.D.	15¾ in. O.D.
Roll Lengths	32, 44, 56, 68 in.	26, 32, 38 in.	32-74 in.	68 in.	38-144 in.
Upper Roll Elevator Adjustment	0-6 in.	0-4½ in.	0-4½ in.	0-3 in.	0-4½ in.
Pass Line Height	30 in.	30 in.	33 in.	36 in.	36 in.
Single Speed Drive	30 fpm	30 fpm	30 fpm	40 fpm	—
Electrical Enclosure	NEMA 1	NEMA 12	NEMA 12	NEMA 12	NEMA 12
Voltage-Phase-Cycles	115-1-60	230/460-3-60	230/460-3-60	230/460-3-60	230/460-3-60
<b>Standard and Optional Features</b>					
Heavy Frame Construction	std.	std.	std.	std.	std.
Operating Control Bars	N/A	std.	std.	std.	std.
Interlock Pivoting Guard	std.	N/A	N/A	N/A	N/A
"Pop" Open/Close Roll Action	std.	std.	std.	std.	std.
Variable Speed Drive, A.C. Inverter Type	opt. (40-120 fpm)	opt. (40-120 fpm)	opt. (40-120 fpm)	opt. (40-120 fpm)	40-200 fpm std.
Infeed Table	std. plus outfeed table	std.	std.	std. plus outfeed table	std.
Driven & Nondriven Feed Rolls	N/A	opt.	opt.	opt.	opt.
Roll Opening Indicator	std.	opt.	opt.	opt.	opt.
Riser Base	opt.	opt.	opt.	opt.	—
Internally Heated or Cooled Steel or Chrome Plated Rolls	N/A	opt.	opt.	opt.	opt.
Silicone- or Teflon-Covered Top Combining Roll	N/A	N/A	N/A	opt.	opt.
Explosion Proof Electrics	N/A	opt.	opt.	opt.	opt.
Web Unwind Stands	N/A	opt.	opt.	opt.	opt.
Web Guide Rolls & Expander Roll	N/A	opt.	opt.	opt.	opt.
Special Paint	opt.	opt.	opt.	opt.	opt.
Outfeed Edge Trim	N/A	N/A	N/A	N/A	opt.
Close Coupled Conveyors, Infeed/Outfeed	N/A	N/A	N/A	N/A	opt.

**Special Note:** It is important to recognize that all application equipment, materials and substrates have special characteristics and may require variations in machine features, technical procedures and training. We encourage you to discuss your special needs and specifications with us. We can run laboratory tests using your materials to make samples for your evaluation. Before you make a purchase decision, a careful review of your technical objectives, specifications and training requirements should be made.



# BLACK BROS. CO.

Rotary  
Laminating  
Presses

## Quick Facts About...

### **Black Bros. Rotary Laminating Presses**

- Ideal for bonding fast-tack solvent base, waterborne adhesives, contacts, polyvinyls, urethanes, RHM/PUR, epoxies and more
- Perfect for laminating high-pressure plastics, veneers, metal skins, continuous films, heat reactive films and pressure sensitive films
- For substrates such as particleboard, plywood, rigid or flexible foam, honeycomb and many others
- Available in five models with maximum total combining pressure of 2000 to 8000 lbs. and widths from 26 inches to over 12 feet.

### **Black Bros. Co.**

- Black Bros. is the largest single manufacturer of laminating, gluing, roll coating, and finishing machines in the U.S. today.
- Black Bros.' equipment has been involved in the production of virtually hundreds of materials and components found in your home, vehicle and office.
- Black Bros. was founded well over 100 years ago by five brothers: William, Walter, John, James and David Black.
- Black Bros. is expert at providing prompt, complete roll reconditioning including regrinding, regrooving and recovering.
- Black Bros. can provide service and sales from any of its four locations.

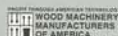


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<http://www.BlackBros.com>

*Black Bros. maintains four strategically located Sales/Service Divisions to provide you with fast, responsive, worldwide service and experienced, factory-trained service personnel for your machines and systems.*

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**Black Bros. Co., Southeast Division;** 1315 Baker Rd. • P.O. Box 4226 • High Point, NC 27263-4226 • Phone: 910-431-9145 • Fax: 910-431-9275  
**Black Bros. Co., South Central Division;** 1020 Jack Wells Blvd. • P.O. Box 7826 • Shreveport, LA 71137-7826 • Phone: 318-222-6558 • Fax: 318-425-1527  
**Black Bros. Co., Midwest Division;** 1420 W. Armstrong Dr. • Warsaw, IN 46580 • P.O. Box 1014 • Warsaw, IN 46581-1014 • Phone: 219-269-4630 • Fax: 219-269-5291

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