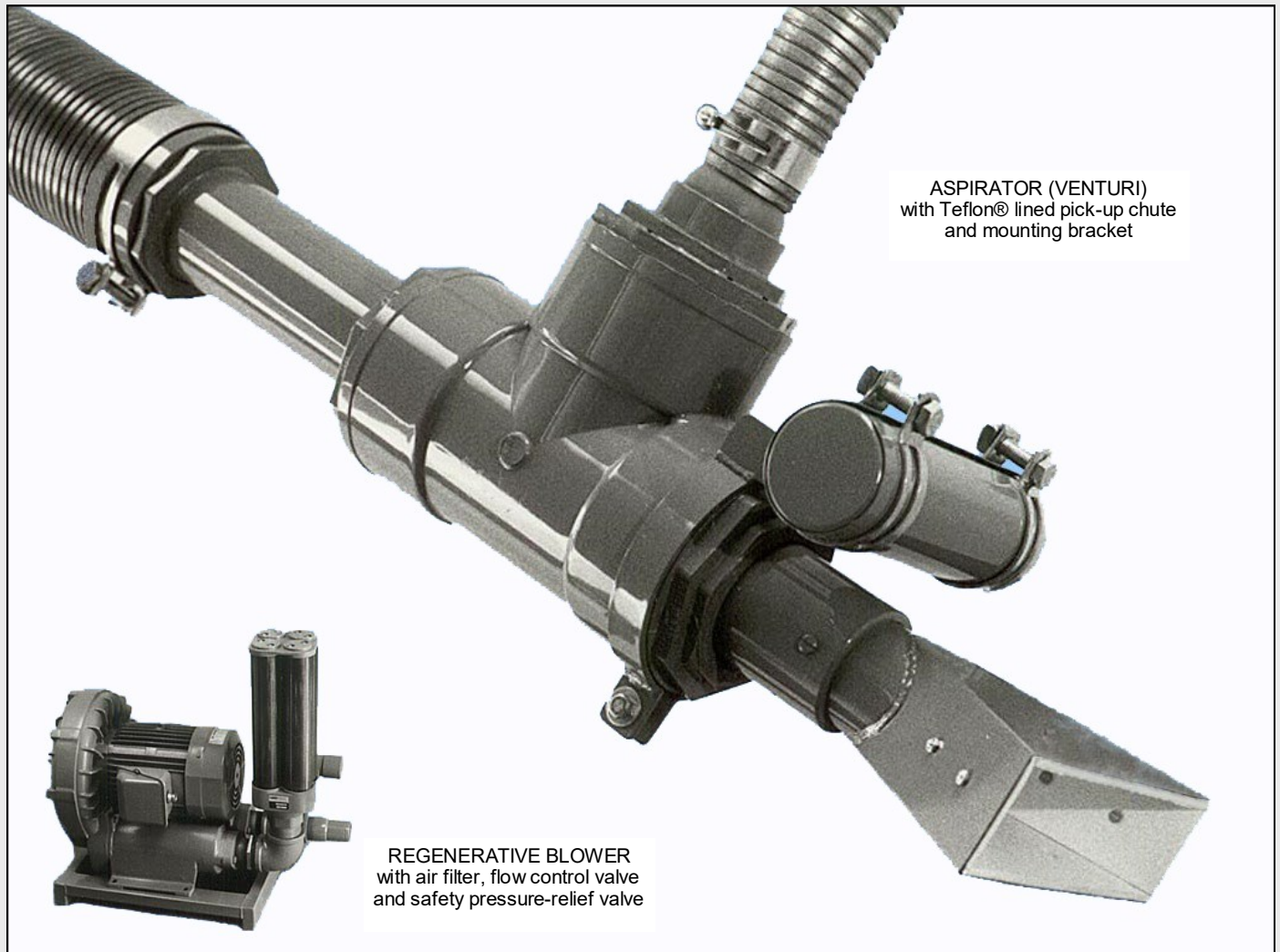


# MATRIX REMOVAL SYSTEM

FOR NON-STOP REMOVAL AND CONVEYING OF DIE-CUT MATRIX FROM LABEL PRESSES

Economical systems that can help reduce waste and increase the productivity of narrow web label printing and converting presses by eliminating costly press stops for matrix roll removal, and by reducing tension-related matrix breaks during the run. This proven design offers years of clog-free operation when used with pressure-sensitive label material.



- Simple, reliable, trouble-free design
- Easy installation by maintenance personnel
- Mounting bracket and clamps included
- Conveys matrix to cart, baler or compactor
- Lubrication system eliminates clogging
- Regenerative blower for air & vacuum
- Muffler, filter, flow & safety valves standard
- Hundreds in operation daily worldwide

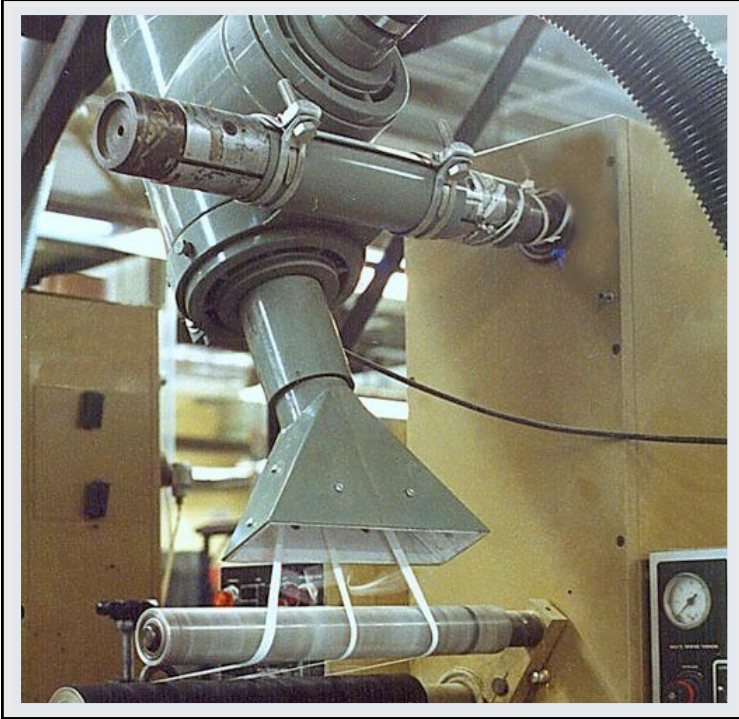


Do More With Your Press.  
[www.carymfg.com](http://www.carymfg.com) 704-527-4402

CARY Manufacturing Corp.  
116 Southside Drive  
Charlotte, NC 28217

# MATRIX REMOVAL SYSTEM

This reliable, easy-to-use aspirator & blower system will continuously remove and convey uncut label matrix and trim from your label presses and converting systems. It can quickly and easily be installed by in-house personnel and will operate for years with virtually no maintenance required. One system is required for each press.



## BENEFITS

- ◆ ELIMINATES PRESS STOPS FOR MATRIX ROLL REMOVAL reducing waste, increasing productivity, improving quality.
- ◆ CONSTANT MATRIX WIND-UP TENSION helps reduce costly matrix breaks that are common when using standard matrix rewinds.
- ◆ AIDS IN PRODUCTION OF IRREGULARLY SHAPED LABELS whose unbalanced matrix is difficult to rewind without frequent breaks.
- ◆ ALLOWS NON-STOP PRESS OPERATION when used with automatic butt splicers, turret rewinders, sheeters or fanfolders.
- ◆ CONVEYS WASTE OUT OF THE PRESS ROOM and can eliminate matrix handling completely by transporting it directly to your dumpster or compactor.

## *Here's how it works...*

1) The Aspirator is mounted on the matrix rewind shaft of the press or to any 3" post or shaft and aligned with the matrix stream as it leaves the stripping roller. When a new job is started, the operator simply feeds the matrix into the air stream instead of attaching it to a fiber core for winding.

2) The REGENERATIVE BLOWER generates a strong air flow that is diverted in the aspirator to create a powerful suction on the inlet side of the aspirator and a low-pressure, high-velocity air stream on the discharge side. As the matrix is pulled into the aspirator, it collapses and sticks to itself to form a rope of material that will travel easily through the discharge hose or pipe to an accumulating cart, dumpster, baler or compactor.

3) The LUBRICATION SYSTEM (standard) assures a smooth flow of material by keeping a slick surface in the hose or pipe to prevent sticking of adhesive material. It consists of a storage reservoir, feed tube, drip regulator, sight glass and shut-off valve. A small, controlled amount of oil is fed into the aspirator where the fast-moving air stream disburse it throughout the system.

APPLICATION GUIDELINES						TECHNICAL SPECIFICATIONS							
Model	Power (HP)	Electric Supply	Web Width (in/mm)	Speed (fpm/MPM)	Distance (feet/meters)	Suction (in. H <sub>2</sub> O)	Air Flow (SCFM)	Voltage		Amps		Phase	Noise (dBA)
								Low	High	Low	High		
MR-250-50	5.0	50 Hz	10 / 250	300 / 90	70 / 21	72	175	190-230	380-460	10.5-9.2	5.2-4.6	3	63
MR-250-60	5.0	60 Hz	10 / 250	350 / 100	80 / 24	98	206	200-240	400-480	12-11	6.0-5.5	3	67
MR-300-50	10.7	50 Hz	16 / 410	425 / 130	100 / 30	83	320	190-230	380-460	19-18	9.5-9.0	3	71
MR-300-60	10.7	60 Hz	16 / 410	500 / 150	120 / 36	110	388	200-240	400-480	26-23	13.0-11.5	3	73
MR-400-50	14.7	50 Hz	20 / 510	425 / 130	150 / 45	75	500	190-230	380-460	32-28	16-14	3	72
MR-400-60	14.7	60 Hz	20 / 510	500 / 150	200 / 60	110	570	200-240	400-480	48-44	24-22	3	74

Note: Performance specifications represent typical performance in most applications. Actual performance may vary according to specific conditions such as the type and thickness of material, the shape of the labels, the amount of vertical rise in discharge pipe, the number and degree of bends in the discharge pipe, etc.