



# LINE VAC™

## PNEUMATIC MATERIAL CONVEYOR

THE EFFECTIVE WAY TO CONVEY: PLASTIC MATERIALS  
PELLETS - REGRIND - SMALL PARTS - GRANULES - ETC.

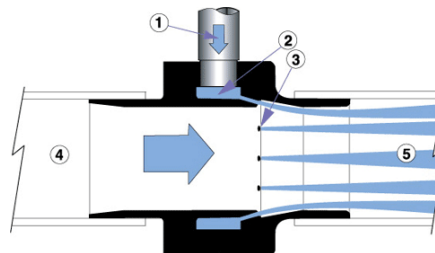


### NON-THREADED OR THREADED

- 2 Flow Types: Standard & Heavy.
- 3 Material Types: Aluminum, Stainless Steel & Hardened Alloy Steel.
- 2 Connection Types: Vacuum Hose & Clamp and N.P.T. for threaded pipes.
- Maximum Temperature: 275°F (135°C) & 400°F (204°C).
- Ideal for conveying long distances, multiple units can be put in series.

Line Vacs™ are available in a number of styles, materials and sizes. They have large smooth, straight bores that allow as much material to pass through as possible. Air pressure regulator provides infinite control of the material flow rates. The actual conveying rate is also affected by the size, mass and geometry of the product being conveyed along with the lift length and number of bends in the hose or tube.

### HOW THE LINE VAC™ WORKS



Compressed air flows through the inlet (1) into an annular plenum chamber (2). It is then injected into the throat through directed nozzles (3). These jets of air create a vacuum at the intake (4) which draws material in and accelerates it through the unit (5) for conveying over long vertical or horizontal distances.



We did test the Line Vac™ on our Venturi Loader Material Probes and the lbs. per hour thruput increased over 60% @ 80 P.S.I.

### SPECIFICATIONS AND PRICES: NON-THREADED LINE VAC™ STANDARD & HEAVY FLOW

Type	Outside Dia.	Air Inlet N.P.T.	Temp Rating	Wear Resistance	Air Consumption		Vacuum Rating		Part No.	Price
					SCFM	SLPM	"H2O	kPA		
Standard Flow Aluminum	0.75	1/4"	275°F (135°C)	FAIR	10.7	303	-72	-18	EX6080	\$131.00
	1	1/4"			14.7	416	-42	-11	EX6081	\$144.75
	1.25	1/4"			25.9	733	-42	-11	EX6082	\$164.25
	1.5	3/8"			33	934	-36.8	-9	EX6083	\$199.50
	2	3/8"			45	1,274	-28.5	-7	EX6084	\$236.75
	2.5	3/8"			59	1,656	-23.5	-6	EX6085	\$342.25
	3	1/2"			69	1,939	-14.7	-4	EX6086	\$540.75
	4	1/2"			95	2,690	-13.6	-3.4	EX6087	\$757.75
	5	1/2"			128	3,625	-10.5	-2.6	EX6088	\$1,003.00
Standard Flow 303 Stainless Steel	0.75	1/4"	400°F (204°C)	EXCELLENT	10.7	303	-72	-18	EX6060	\$380.25
	1	1/4"			14.7	416	-42	-11	EX6061	\$401.00
	1.25	1/4"			25.9	733	-42	-11	EX6062	\$436.00
	1.5	3/8"			33	934	-36.8	-9	EX6063	\$472.25
	2	3/8"			45	1,274	-28.5	-7	EX6064	\$501.50
	2.5	3/8"			59	1,656	-23.5	-6	EX6065	\$902.25
	3	1/2"			69	1,939	-14.7	-4	EX6066	\$1,638.25
	4	1/2"			95	2,690	-13.6	-3.4	EX6067	\$2,502.50
Heavy Flow Hardened Alloy Steel	0.75	1/4"	400°F (204°C)	EXCELLENT	26	736	-144	-36	EX150075	\$506.50
	1	1/4"			35	991	-105	-26	EX150100	\$566.00
	1.25	1/4"			49	1,388	-83	-21	EX150125	\$626.75
	1.5	3/8"			55	1,557	-60	-15	EX150150	\$674.50
	2	3/8"			75	2,124	-42	-10	EX150200	\$739.00
	2.5	3/8"			90	2,548	-28	-7	EX150250	\$1,120.25
	3	1/2"			108	3,058	-20	-5	EX150300	\$1,761.50



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