

# **KRAUS**<sup>®</sup> L-Type Vibratory Pan Feeder



**Suspension Mounted**

## **Excellent Performance and Reliability**

The Kraus L-Type Vibratory Pan Feeder provides excellent performance and reliability for feeding almost any granular material from abrasive silica sand to very fine granular powders. Applications include weighing and batching where feed control is essential. It is ideal for feeding coolers, dryers, belt conveyors, bucket elevators, weigh hoppers, continuous process systems, and continuous mixers.

The L-Type Vibratory Pan Feeder can be operated with a variable speed controller or in a fixed rate application. It can be stopped instantly without any dynamic movement as seen with a typical electric vibrating motor. Because it is air operated and requires no motor starters, it is ideal for explosion proof atmospheres. In addition, the L-Type Pan Feeder is low in cost and maintenance. The heavy-duty construction is available in mild steel, abrasion resistant steel or stainless steel. Stainless steel construction is available in polished or mill finish.

## **Low Maintenance**

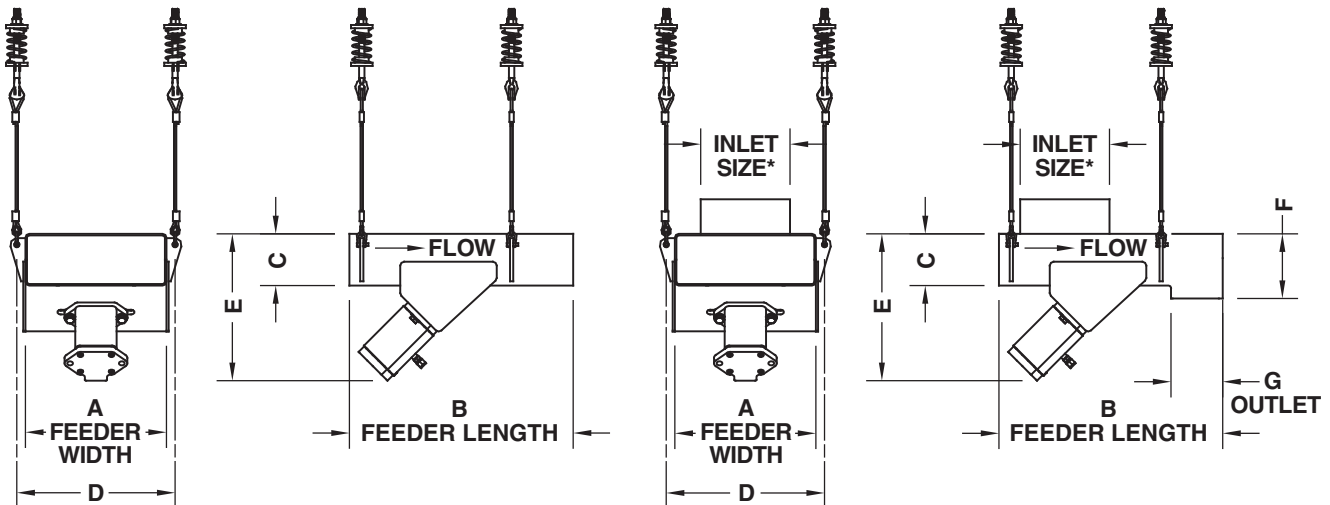
The L-Type Vibratory Pan Feeder requires very little maintenance since the power source is an air operated linear vibrator and only needs simple

lubrication. The linear vibrator is very accessible and is mounted with only two mounting bolts, making replacement, if necessary, fast and easy.

## **Features**

- Adjustable feed rate control
- Simple low cost design
- Fully enclosed linear vibrator
- Fast stopping and starting
- Heavy duty welded construction
- Deep sided troughs
- Full size hopper opening improves material flow
- Heavy-duty isolation springs minimize any transmitted loads
- Designed using finite element analysis
- Optional floor mounted support
- Optional cable mounting support
- Optional explosion proof controls

# L-Type Vibratory Pan Feeder Dimensions & Specifications



Feeder Model	L-Type Vibratory Pan Feeder Dimensions in inches (mm)							Approx. Ship Weight - lbs (kg)
	A	B	C	D	E	F	G	
L-6	6 (152)	24 (610)	6 (152)	8 (203)	15 (381)	8 (203)	6 (152)	60 (27)
L-8	8 (203)	24 (610)	6 (152)	10 (254)	16 (406)	8 (203)	6 (152)	70 (32)
L-12	12 (305)	36 (914)	6 (152)	14 (356)	17 (432)	8 (203)	6 (152)	115 (52)
L-16	16 (406)	48 (1219)	6 (152)	18 (457)	20 (508)	8 (203)	6 (152)	175 (79)
L-20	20 (508)	60 (1524)	8 (203)	22 (559)	22 (559)	10 (254)	8 (203)	230 (104)
L-24	24 (610)	72 (1829)	8 (203)	26 (660)	25 (635)	10 (254)	8 (203)	300 (136)
L-36	36 (914)	96 (2438)	10 (254)	34 (864)	31 (787)	12 (305)	10 (254)	625 (283)
L-48	48 (1219)	120 (3048)	10 (254)	50 (1270)	31 (787)	12 (305)	10 (254)	925 (420)

\* Inlet size to suit application.

## Capacity Chart - lbs per minute (kg per minute)

		L-Type Vibratory Pan Feeder Width in inches (mm)							
		6 (152)	8 (203)	12 (305)	16 (406)	20 (508)	24 (610)	36 (914)	48 (1219)
Material Bulk Density pounds per cubic foot (kg per cubic meter)	20 (320)	34 (15)	40 (18)	106 (48)	116 (53)	180 (82)	189 (86)	245 (111)	311 (141)
	30 (481)	50 (23)	58 (26)	154 (70)	170 (77)	263 (119)	276 (125)	361 (164)	455 (206)
	40 (641)	66 (30)	76 (34)	201 (91)	220 (100)	342 (155)	358 (162)	472 (214)	594 (269)
	50 (801)	81 (37)	93 (42)	245 (111)	268 (122)	417 (189)	457 (207)	578 (262)	726 (329)
	60 (961)	95 (43)	109 (49)	286 (130)	313 (142)	489 (222)	511 (232)	681 (309)	853 (387)
	70 (1121)	109 (49)	124 (56)	326 (148)	356 (161)	557 (253)	582 (264)	780 (354)	975 (442)
	80 (1281)	122 (55)	139 (63)	364 (165)	396 (180)	623 (283)	650 (295)	875 (397)	1091 (495)
	90 (1442)	135 (61)	154 (70)	401 (182)	435 (197)	685 (311)	714 (324)	967 (439)	1203 (546)
	100 (1602)	148 (67)	168 (76)	436 (198)	472 (214)	745 (338)	776 (352)	1056 (479)	1311 (595)
	110 (1762)	160 (73)	181 (82)	469 (213)	507 (230)	802 (364)	835 (379)	1142 (518)	1415 (642)
	120 (1922)	171 (78)	194 (88)	501 (227)	540 (245)	857 (389)	891 (404)	1225 (556)	1514 (687)
	130 (2082)	183 (83)	206 (93)	531 (241)	573 (260)	910 (413)	946 (429)	1305 (592)	1610 (730)
	140 (2243)	194 (88)	218 (99)	561 (254)	603 (274)	961 (436)	997 (452)	1383 (627)	1703 (772)
150 (2403)	204 (93)	230 (104)	589 (267)	633 (287)	1009 (458)	1047 (475)	1456 (660)	1792 (813)	

Capacity based on zero slope. Maximum slope, 7 degrees.

Dimensions and specifications subject to change without notice.

Kraus Vibratory Equipment® is a registered trademark of Dynamic Air Inc., St. Paul, Minnesota.

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