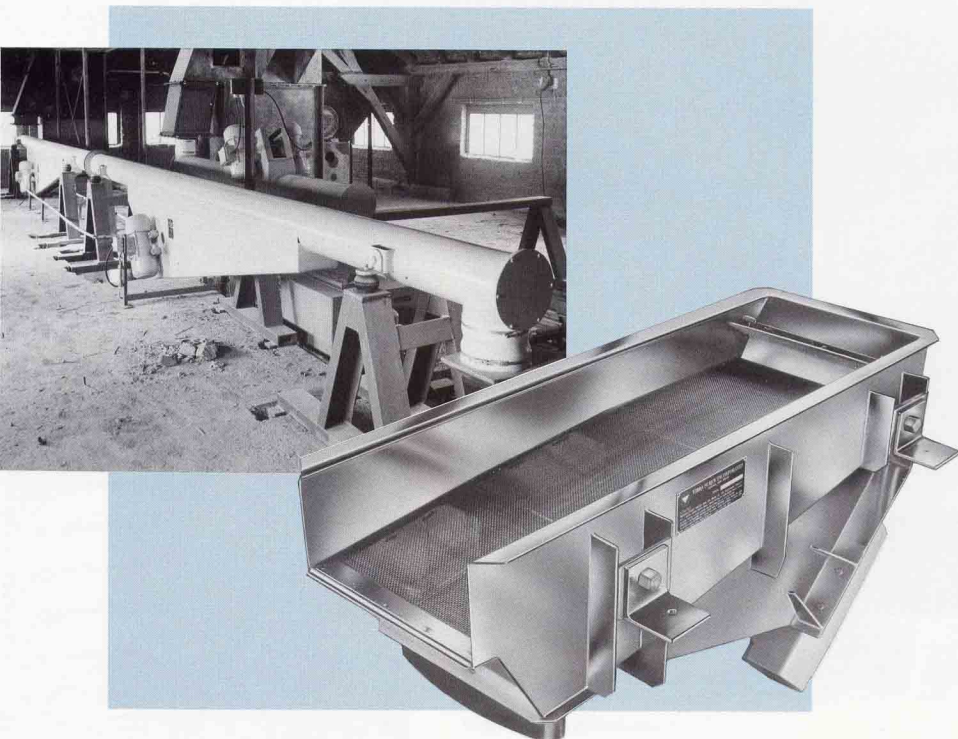


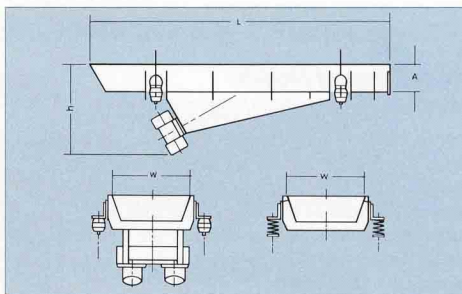
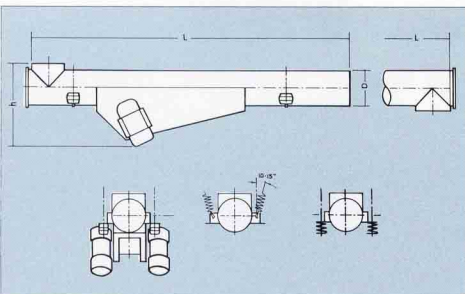
*Simple and Efficient Equipment to  
Meter and Convey Dry Bulk Materials*

# **VIBRATING FEEDER/ CONVEYORS**



**Vibra Screw Inc.**

# VIBRATING FEEDERS



## Tubular Trough Model

TUBULAR MODEL	CAPACITY TPH	CFH	DIM-INCHES DxDxH	TOTAL H.P.	KW	WT. LBS.
GA750/160 U1Y	7.9	158	6x30x19	3/8	.28	66
GA1000/160 U1Y	7.0	140	6x40x19	3/8	.28	70
GA1250/160 U1Y	6.0	120	6x50x19	3/8	.28	77
GA1000/200 U2Y	15	300	8x40x21	5/8	.46	95
GA1250/200 U2Y	14	280	8x50x21	5/8	.46	99
GA1500/200 U4X	26	529	8x60x23	1	.74	224
GA2000/200 U4X	24	475	8x80x23	1	.74	240
GA1250/260 U4X	42	847	10x50x23	1	.74	271
GA1500/260 U4X	44	880	10x60x23	1	.74	288
GA1750/260 U4X	40	810	10x70x25	1	.74	308
GA2000/260 U4X	37	740	10x80x25	1	.74	330
GA3000/260 U6X	49	988	10x120x26	1 3/8	1.02	418
GA4000/260 U6X	42	847	10x160x26	1 3/8	1.02	473
GA5000/260 U10X	44	188	10x200x26	2.2	1.66	715
GA6000/260 U10X	42	847	10x240x26	2.2	1.66	825
GA1500/320 U4X	49	988	12x60x31	1	.74	374
GA2000/320 U6X	76	1500	12x80x32	1 3/8	1.02	429
GA3000/320 U10X	81	1600	12x120x32	2.2	1.66	583
GA4000/320 U10X	78	1550	12x160x32	2.2	1.66	682
GA5000/320 U16X	79	1588	12x200x32	3	2.2	935
GA6000/320 U25X	85	1690	12x240x32	4	3	1,243
GA1500/400 U6X	95	1900	16x60x38	1 3/8	1.02	484
GA2000/400 U10X	114	2295	16x80x38	2.2	1.66	583
GA3000/400 U10X	61	1218	16x120x42	2.2	1.66	660
GA4000/400 U16X	114	2295	16x160x42	3	2.2	979
GA5000/400 U25X	120	2400	16x200x42	4	3	1,287
GA6000/400 U25X	114	2295	16x240x42	4	3	1,551

- Capacity: Selection based on:
  - Material being 100 lbs. per cu. ft. density
  - Horizontal positioning
- See Notes

### \*NOTES FOR BOTH MODELS:

Capacity = Material being 100cpf  
 Voltage = 230-460/3/60  
 Feed rate controller available

- Carbon or stainless steel contact parts. Carbon steel external parts.
- Isolators available as coil spring or rubber pad, compression or tension mounting.
- Unbalanced vibratory drives supplied as shown.
- Controllability by variable frequency controller offering stepless variable throughput.
- Dimensions stated are nominal and are not to be used for construction purposes.

## Open Trough Models

OPEN TROUGH MODEL	CAPACITY TPH	CFH	DIM-INCHES LxWxHxA	TOTAL H.P.	KW	WT. LBS.
OA500/300 U1Y	34	670	20x12x16x10	3/8	.28	59
OA750/400 U1Y	19	388	29x16x16x10	3/8	.28	79
OA1000/300 U1Y	19	388	40x12x18x10	3/8	.28	81
OA1000/400 U1Y	18	353	40x16x18x10	3/8	.28	88
OA1000/500 U2Y	55	1,095	40x20x18x10	5/8	.46	103
OA1250/400 U3Y	62	1,236	49x16x19x10	5/8	.46	158
OA1250/500 U4X	155	3,107	49x20x10x25	1	.74	277
OA1250/650 U4X	169	3,390	49x25x25x10	1	.74	299
OA1250/900 U4X	161	3,213	49x35x26x10	1	.74	339
OA1500/500 U4X	125	2,507	59x20x26x10	1	.74	330
OA1500/650 U4X	124	2,472	59x25x28x10	1	.74	374
OA1500/900 U6X	212	4,237	59x35x29x10	1 3/8	1.02	484
OA1750/400 U4X	95	1,907	68x16x26x10	1	.74	330
OA1750/650 U4X	109	2,189	68x25x28x10	1	.74	396
OA1750/900 U6X	185	3,708	68x35x30x10	1 3/8	1.02	517
OA2000/500 U4X	92	1,836	80x20x30x10	1	.74	396
OA2000/650 U6X	155	3,107	80x35x30x10	1 3/8	1.02	529
OA2500/400 U4X	72	1,448	98x16x28x10	1	.74	385
OA2500/650 U6X	118	2,366	98x35x30x10	1 3/8	1.02	594
OA3000/400 U6X	111	2,225	117x16x30x10	1 3/8	1.02	440
OA3000/650 U10X	169	3,390	117x35x33x10	2.2	1.66	792
OA4000/400 U10X	97	1,942	156x16x33x10	2.2	1.66	671
OA4000/650 U25X	194	3,884	156x25x38x10	4	3	1,628
OA4000/900 U23W	274	5,473	156x35x40x10	4.5	3.34	1,861
OA4000/1600 U35W	512	10,240	156x62x43x10	6	4.6	2,809
OA5000/400 U16X	124	2,472	195x16x33x10	3	2.2	869
OA5000/650 U25X	168	3,354	195x25x38x10	4	3	1,804
OA5000/900 U37X	291	5,826	195x35x41x10	9	6.6	2,094
OA5000/1600 U35W	565	11,299	195x156x47x10	7	5.48	3,997
OA6000/500 U25X	132	2,648	234x20x38x10	4	3	1,628
OA6000/650 U37X	221	4,414	234x25x41x10	9	6.6	2,006
OA6000/900 U37X	256	5,120	234x35x41x10	9	6.6	2,325
OA6000/1600 U71W	618	12,359	234x156x49x10	10	7.74	4,730

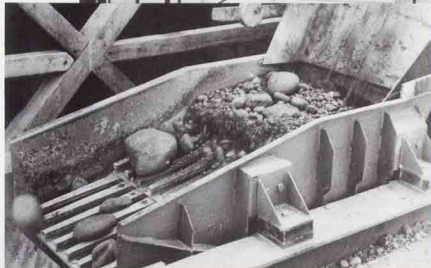
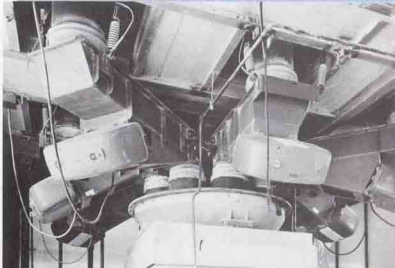
- Maximum rates apply only when feeder is equipped with extended skirt boards. Consult factory.
- Capacity: Selection based on:
  - Material being 100 lbs. per cu. ft. density
  - 8° decline
  - Increased bed height for maximum capacities
- See Notes

## Wide Range of Models

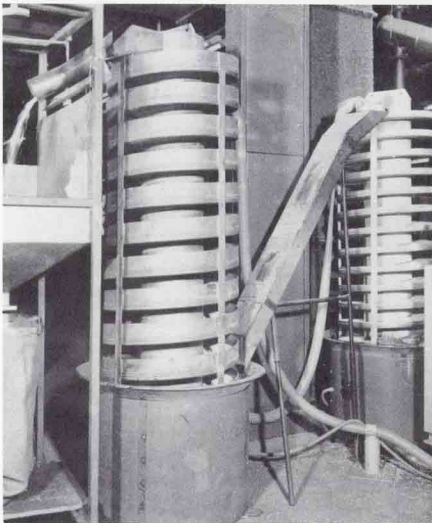
Vibra Screw offers standard feeder/conveyors with enclosed tubes or open troughs. Tube feeders are available up to 20 ft in length and can be connected in series for lengths up to 100 ft. Trough feeders are also ideal for applications requiring screening, classification and dewatering, with the addition of appropriate wire mesh decks. Trough feeders are also often used to spread out material in a uniform layer.

## Special Feeders

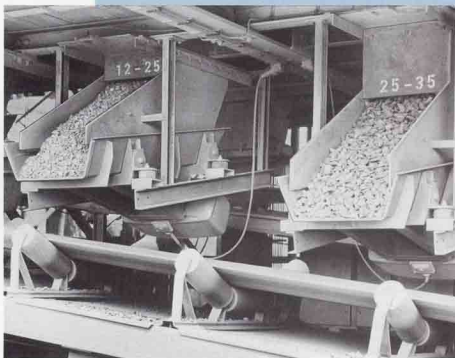
Special spiral elevating conveyors lift materials vertically up to 20 ft within a very small horizontal area. All vibrating feeder/conveyors are well suited to batching applications due to their characteristic quick cut-off of flow. This can be further enhanced with an available dynamic motor brake.



Bar Screen Feeder



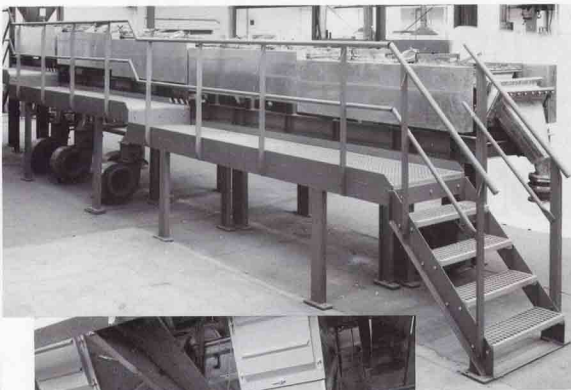
Cooling spirals in a plastics plant.



Trough feeder for crushed stone

# PAN and TUBE FEEDER/ CONVEYORS

*to handle virtually any material*

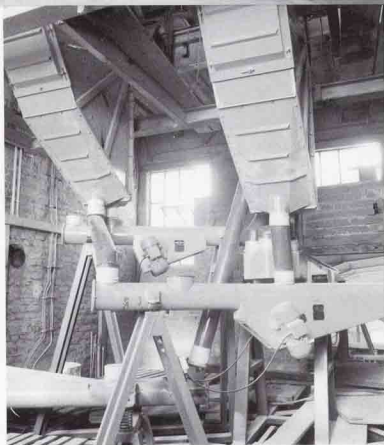


Vibra Screw's line of vibrating feeder/conveyors offers a simple and efficient means to meter and convey your dry bulk material. These open or closed units will handle nearly any material, regardless of size and bulk density in a reliable and economical manner.

## **Maintenance-free Operation**

The key to the line's success is its low cost and unparalleled simplicity and efficiency. No moving parts ever touch your materials. There are no augers, bearings, seals or other items which might degrade material or require replacement or maintenance.

Two highly efficient, externally mounted vibrators provide quiet, linear motion to smoothly move your product into the process. Vibra Screw feeder/conveyors are an excellent alternative to screw and belt feeders and conveyors.



## **Control Options**

Vibra Screw offers feeder/conveyors normally set for a single feed rate. You achieve rate adjustability by varying the eccentric force of the vibrators. For applications requiring wider, more frequent rate changes, a motor speed controller is recommended.

*High efficiency vibrating feeders are replacing high maintenance, low efficiency screw conveyors in most applications worldwide.*