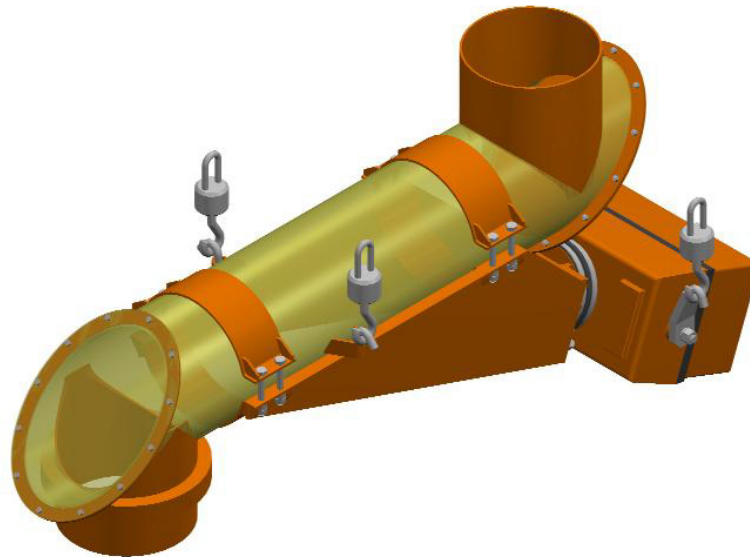


Tube vibrating feeder **with electro-magnetic drive** **type PWR**



Advantages:

- ability to dose and weigh media
- works well during continuous and varied operation
- compatibility with scales
- act as sealing elements of the container
- ability of performing a dustproof process
- ability of stepless capacity adjustment in the range from 0 to max.

Technical data:

Standard diameter [mm]	160, 200, 250, 320, 400, 500
Standard length [mm]	up to 3000
Drive location	from side, top or bottom

Equipment description:

Tube vibrating feeders type PWR are designed for transport and dosage of loose materials. Applied under the outlets of containers or silos, they simultaneously act as their enclosing elements. Feeder capacity adjustment in the range from 0 to max allows for their application as dispensers in feeding and batch systems in various branches of industry. The vibrator is supplied with power via a thyristor-controlled power supplier allowing for adjustment of the output voltage during operation, and thus the adjustment of the vibrator's vibration amplitude. Thyristor-controlled power supplier also allows for remote control of processing. The dustproofness of the device is ensured by elastic bands type HPN mounted at the charge and discharge.

Vibrating electro-magnetic feeders are made of the following sets: flat troughs with suspensions - shock absorbers, electro-magnetic vibrator and thyristor-controlled power supplier. Electro-magnetic vibrator is the source of vibrations transferred to the trough's structure, causing movement and flow of material. Vibration rate (amplitude) is adjusted by voltage variation on the clamps of the vibrator's electro-magnet. Alteration of the voltage rate is made with the use of a switch on a potentiometer located on the housing of the thyristor-controlled power supplier. The thyristor-controlled power supplier has two switchable voltage adjustment ranges and the ability of process line remote control. Immediate halting of the transported material takes place after turning off. Technical parameters are presented in the attached table.

Upon request of the Customer, all elements in contact with the fed material can be performed from stainless steel or other materials.

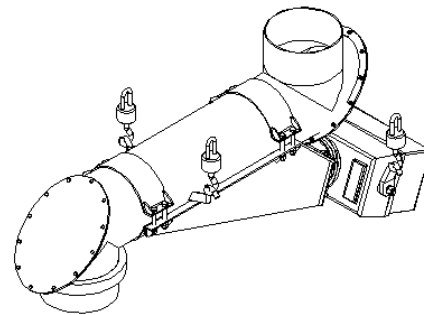
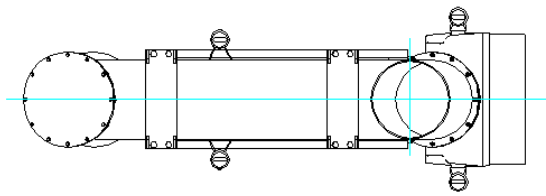
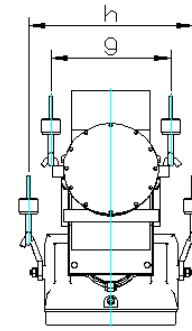
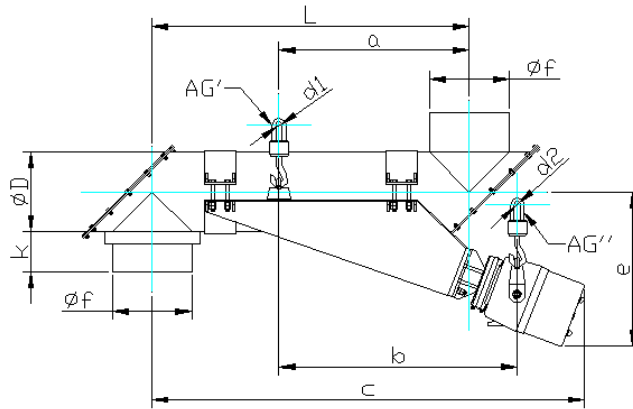
For the best selection of the equipment please contact our technical office, tel.: +48 77/470 04 97.

Tel./Fax: +48 77 / 474 50 05
Tel./Fax: +48 77 / 474 25 92

www.OFAMA.eu
e-mail: ofama@ofama.eu

OFAMA Sp. z o.o.
ul. Niemodlińska 87
PL, 45-864 Opole

Tube vibrating feeder with electro-magnetic drive type PWR



Technical data:

Type	Trough diameter	Trough length	Theoretical yield	Overall dimensions in mm													Vibrator				Weight Kg		
	D	L		a	b	c	AG' / AG''	d ₁ / d ₂	e	øf	g	h	i	j	k	Power supplier vibrator type	Power kVA	Voltage V	Rate A	Trough	Σ		
PWR 001	160	500	3	350	440	790	AG1 / AG2	15 / 20	410	200	240	370	220	40	80	UOWP0L ZW1/230/4	0,4	230	2	13,2	75		
002		750	3	570	570	930														15	20	15	78
003		1000	2,5	650	650	1200														15	20	15	105
004		1250	2,5	920	750	1270														15	20	15	108
005		1500	2	1050	750	1380														15	20	15	111
006		1750	2	1200	770	1520														15	20	15	114
007		2000	2	1350	770	1650														15	20	15	117
PWR 01	200	500	7	330	500	880	AG1 / AG2	15 / 20	410	250	280	390	220	90	80	UOWP0 ZW1/230/6	0,4	230	2	17,0	78		
02		750	7	570	570	950														15	20	15	82
03		1000	6,5	650	700	1250														15	20	15	109
04		1250	6,5	920	750	1280														15	20	15	113
05		1500	6	1050	750	1400														15	20	15	116
06		1750	6	1200	770	1520														15	20	15	120
07		2000	6	1350	770	1650														15	20	15	124

Type	Trough diameter	Trough length	Theoretical yield	Overall dimensions in mm													Vibrator				Weight Kg	
	D	L		a	b	c	AG'	d ₁	e	Øf	g	h	i	j	k	Power supplier vibrator type	Power kVA	Voltage V	Rate A	Trough	Σ	
	mm	mm	m ³ /h				AG"	d ₂														
PWR 11	250	500	15	300	400	850	AG1 AG2	15 20	460	300	330	515	220	185	125	UOWP1 ZW1/230/4	0,55	230	3,3	14,5	150	
12		750	13	450	570	1100														19,9	153	
13		1000	11	600	750	1350														20,5	154	
14		1250	9	720	750	1480														25,0	158	
15		1500	8	950	850	1630														30,0	163	
16		1750	6	1020	800	1760														35,0	167	
17		2000	9	1340	1050	2010														38,5	259	
18		2500	8	1650	1100	2250														48,0	267	
19		3000	6	2000	1200	2500														56,0	274	
PWR 22	320	750	22	420	600	1230	AG2 AG3	20 30	555	380	400	630	270	210	140	UOWP2 ZW1/230/6	1,1	230	6,0	19,0	270	
23		1000	19	470	650	1480														25,0	275	
24		1250	17	670	820	1700														30,9	298	
25		1500	15	820	870	1850														36,8	304	
26		1750	12	1000	920	2010														42,7	310	
27		2000	15	1000	920	2260														48,6	629	
28		2500	12	1350	1020	2510														60,3	640	
29		3000	10	1600	1020	2760														72,0	652	
PWR 33		400	1000	26	490	700														1530	AG3 AG4	30 40
34	1250		23	500	700	1530	60,0	582														
35	1500		20	800	750	1780	90,4	661														
36	1750		18	1000	900	1970	98,8	665														
37	2000		20	1150	1000	2280	109,9	803														
38	2500		18	1500	1100	2530	129,9	823														
39	3000		15	1850	1200	2780	147,8	841														
PWR 44	500	1250	35	600	820	1900	AG3 AG4	30 40	820	560	600	970	330	370	150	UOWP4 ZW1/230/20	4,4	400	18,0	164,0	810	
45		1500	30	900	1070	2100														98,0	848	
46		1750	25	1000	1020	2200														113,0	865	
47		2000	30	1100	1180	2610														129,0	1400	
48		2500	25	1380	1200	2850														160,0	1450	
49		3000	20	1720	1300	3110														188,0	1480	

Increase in the capacity can be performed by inclination of the feeder's trough downwards from the side of the discharge.