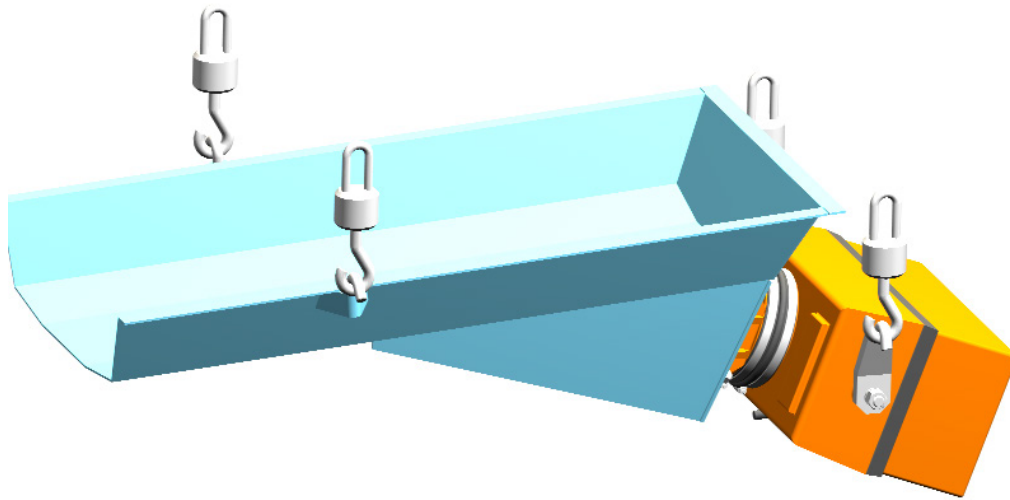


## **Flat vibrating feeder with electro-magnetic drive type PWP**



### **Advantages:**

- ability to dose and weigh media
- compatibility with scales
- works well during continuous and interrupted operation
- 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.

### **Equipment description:**

Flat vibrating feeders with electro-magnetic drive 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 via with power 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 feeder's trough can be additionally covered with e.g. plastic, rubber or wear lining.

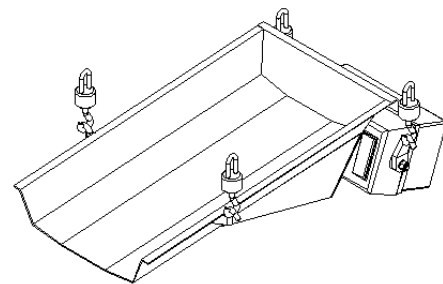
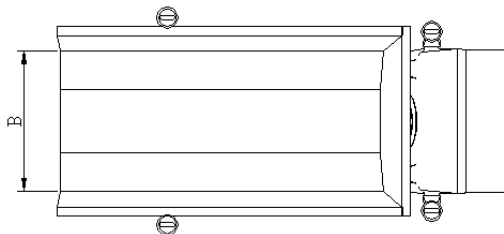
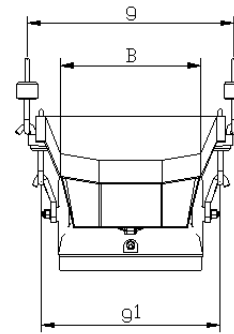
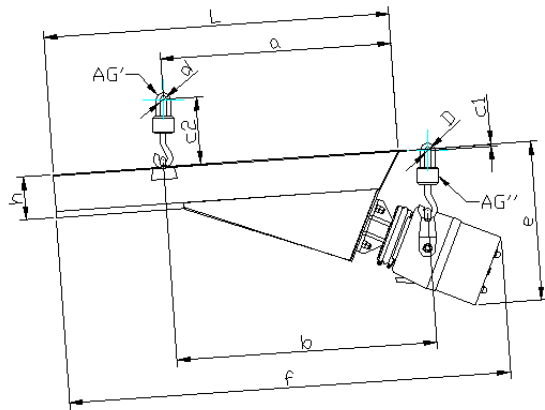
Vibrating electro-magnetic feeders are made of the following sets: flat troughs with suspensions - shock absorbers, electro-magnetic vibrator and thyristor-controlled power supplier.

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-controller power supplier has two switchable adjustment ranges for the voltage rate (transport and dosage) as well as the ability to remote control processing. Immediate halting of the transported material takes place after turning off.

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.

# Flat vibrating feeder with electro-magnetic drive type PWP



## Technical data:

Type	Trough width	Trough length	Theoretical yield	Overall dimensions in mm										Vibrator			Weight
	B	L		H	a	b	c <sub>1</sub>	c <sub>2</sub>	$\frac{d}{D}$	e	f	$\frac{g}{g_1}$	AG' / AG''	Power supplier vibrator type	Power	Voltage rate	
	mm	mm	m <sup>3</sup> / h											kVA	$\frac{V}{A}$	kg	
PWP 001	250	500	10	100	350	400	-30	175	$\frac{15}{20}$	360	720	AG1 / AG2	UOWP0L ZW1/230/4	0,40	$\frac{230}{2}$	68	
2		750	9		600	600					830					72	
3		1000	8		660	650					1150					76	
4		1250	7		800	670	1300				370 / 370					80	
5		1500	6		1040	850	1500				470					85	
6		1750	5		1170	900	1650									87	
007		2000	4		1440	1100	110		530	1860	370 / 390	UOP0 ZW1/230/4	0,40	$\frac{230}{2}$	105		
PWP 01	320	500	15	125	350	400	20	175	$\frac{15}{20}$	440	750	AG1 / AG2	UOWP0 ZW1230/4	0,4	$\frac{230}{2}$	85	
02		750	14		600	600					950					88	
03		1000	13		660	650	1200			440 / 440	92						
04		1250	12		800	670	1320			440	95						
05		1500	11		1040	850	1520			500	100						
06		1750	10		1170	900	1680				105						
07			2000		9		1440			1100	80			580	1880	440 / 515	UOWP1 ZW1/230/4

Type	Trough width B	Trough length L	Theoretical yield	Overall dimensions in mm										Vibrator			Weight Kg
	mm	mm	m <sup>3</sup> /h	H	a	b	c <sub>1</sub>	c <sub>2</sub>	$\frac{d}{D}$	e	f	$\frac{g}{g_1}$	$\frac{AG'}{AG''}$	Power supplier vibrator type	Power kVA	Voltage rate $\frac{V}{A}$	
PWP 11	400	1000	30	160	660	680	75	175	$\frac{15}{20}$	520	1230	$\frac{515}{515}$	$\frac{AG1}{AG2}$	UOWP1 ZW1/230/4	0,55	$\frac{230}{3,3}$	150
12		1250	25		800	690					1370						153
13		1500	20		1040	850					1560						158
14		1750	18		1150	900	1780				161						
15		2000	24		1420	1100	130			630	2000	$\frac{515}{630}$		UOWP2 ZW1/230/6	1,1	$\frac{230}{6,0}$	250
16		2500	20		1920	1530	200			720	2120						260
17		3000	18		2400	1680	310			810	2580						270
PWP 21	630	1000	50	200	750	760	30	215	$\frac{20}{30}$	630	1330	$\frac{780}{780}$	$\frac{AG2}{AG3}$	UOWP2 ZW1/230/6	1,1	$\frac{230}{6,0}$	241
22		1250	45		925	800					1450						247
23		1500	40		1125	960	1650				258						
24		1750	35		1240	1050	1860			720	2100	$\frac{780}{950}$		UOWP3 ZW1/230/6	2,2	$\frac{230}{15}$	264
25		2000	40		1440	1200	100				2340						591
26		2500	35		1900	1400	160			760	2720	606					
27		3000	30		2400	1800						625					
PWP 31	800	1000	90	250	830	880	50	260	$\frac{30}{40}$	730	1375	$\frac{1000}{1000}$	$\frac{AG3}{AG4}$	UOWP3 ZW1/230/20	2,2	$\frac{230}{15}$	600
32		1250	80		880	930					1620						613
33		1500	70		1100	1050					1800						628
34		1750	60		1200	1100	2000				642						
35		2000	70		1450	1320	880			2240	2600	2800		UOWP4 ZW1/230/20	4,4	$\frac{400}{18}$	675
36		2500	60		1900	1580											820
37		3000	50		2270	1700											850
PWP 41	1000	1000	120	250	840	900	10	260	$\frac{30}{40}$	840	1460	$\frac{1200}{1200}$	$\frac{AG3}{AG4}$	UOWP4 ZW1/230/20	4,4	$\frac{400}{18}$	770
42		1250	110		950	1000					1720						800
43		1500	100		1150	1150					1900						820
44		1750	90		1200	1200					2170						840
45		2000	100		1360	1300	80			1000	2480	UOWP5 ZW1/230/32		6,6	$\frac{400}{29}$	1410	
46		2500	90		1730	1500	100			1030	2800					1470	
47		3000	80		2180	1800	150			1060	3160					1530	
PWP 51	1250	1000	160	315	540	600	60	340	$\frac{40}{50}$	1070	1600	$\frac{1480}{1480}$	$\frac{AG4}{AG5}$	UOWP5 ZW1/230/32	6,6	$\frac{400}{29}$	1470
52		1250	140		840	900					1850						1520
53		1500	120		930	1000					2100						1568
54		1750	110		1150	1200					2350						1587

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