

# **EVI/N - EVC/N**

VIBRATING BINS DISCHARGER



**For trouble-free extraction of grain, flour, semolina, bran, feed stocks, pellets, germ and flaked products from any type of storage bin.**

The vibrating bin discharger combines the vibrating motion and the specific downward flow features of the stored materials, thus assuring discharge without segregation, arching or build-up on the wall.

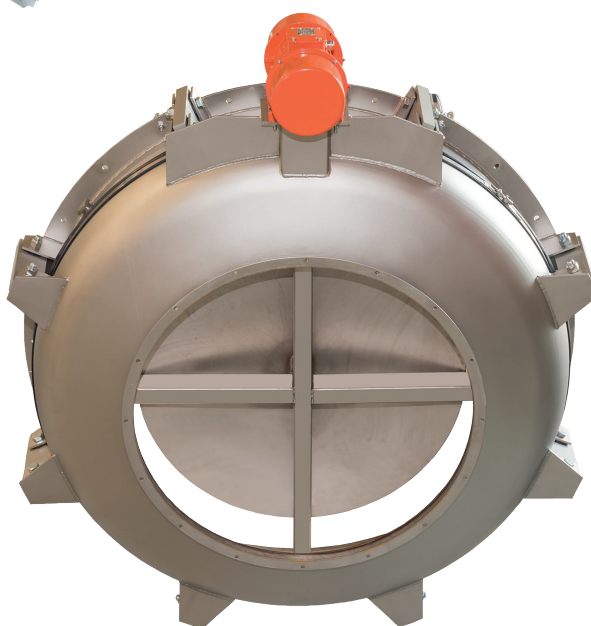
Unit can be fitted to any type of bin, whether in concrete, metal, or plastic structure.

Discharger unit formed by two elements, joined by a special flexible sleeve; the cylindrical shaped upper element is anchored to the bin hopper bottom, and the vibrating lower element is suspended to the upper ring through a set of spring suspensions, which prevent the transfer of vibrations to the storage bin.

A vibrating motor actuates both the vibrating element and the baffle plate placed over the hopper outlet, which prevents compacting and bridging of product, reduces the downward flow of material and eliminates the segregation of stock that may occur during the loading stage of the bin.

Vibrating bin dischargers of the EVI/N series are suitable for extracting grain, flour, semolina, pellets and screenings, while the extractors of the EVC/N series are specifically designed for unloading bran and by-products.

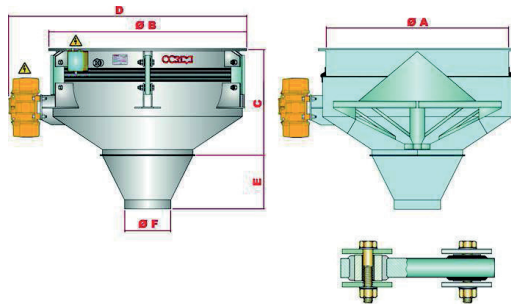
Vibrating bin dischargers type EVI/N are available in stainless steel version (EVI/X)



## Technical Information

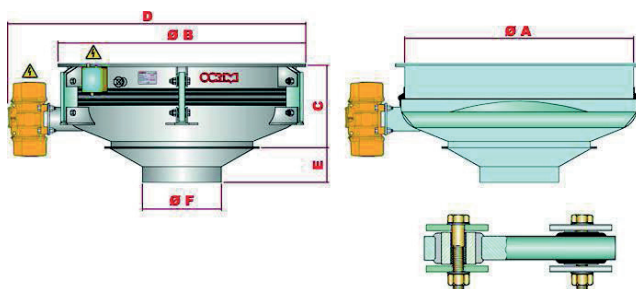
Model	Dimensions (mm)						Maximum capacity ( $\varnothing =$ gravity weight) (T/h)		Vibrating motor Installed power (KW)		Net weight (kg)	Shipping volume (m <sup>3</sup> )
	$\varnothing$	$\varnothing$	C	D	E	$\varnothing$	Bran $\varnothing$ 255 Kg/m <sup>3</sup>	By-products $\varnothing$ 350 Kg/m <sup>3</sup>	50 Hz	60 Hz		
	A	B				F						
EVC/N 1200	1150	1270	695	1535	430	300	5	10	0,62	0,725	345	2,10
					330	400	10	15				
					310	500	15	20				
EVC/N 1500	1450	1570	815	1887	450	300	5	10	0,7	0,84	550	4,70
					365	400	10	15				
					280	500	15	20				
EVC/N 1800	1750	1910	942	2217	530	300	5	10	0,7	0,84	725	5,80
					450	400	10	15				
					360	500	15	20				
EVC/N 2100	2050	2210	1072	2545	550	400	10	15	1,57	1,88	930	6,80
					460	500	15	20				
					375	600	20	25				
EVC/N 2400	2350	2550	1162	2875	720	400	10	15	1,57	1,88	1250	10,50
					630	500	15	20				
					545	600	20	25				

Technical features of the equipment can be modified without any obligation of notice.  
Data may be not fully in accordance with the market versions.



Model	Connecting rods
EVC/N 1200	4
EVC/N 1500	6
EVC/N 1800	8
EVC/N 2100	8
EVC/N 2400	8

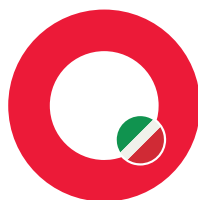
Model	Dimensions (mm)						Maximum capacity ( $\varnothing =$ gravity weight) (T/h)				Vibrating motor Installed power (KW)		Net weight (kg)	Shipping volume (m <sup>3</sup> )
	$\varnothing$	$\varnothing$	C	D	E	$\varnothing$	Flour $\varnothing$ 550 Kg/m <sup>3</sup>	Semolina $\varnothing$ 650 Kg/m <sup>3</sup>	Pellets $\varnothing$ 570 Kg/m <sup>3</sup>	Screenings $\varnothing$ 400 Kg/m <sup>3</sup>	50 Hz	60 Hz		
	A	B				F								
EVI/N 900	850	970	420	1245	210	200	5	10	6	2,5	0,62	0,725	200	1,25
					180	300	10	22,5	14	6				
EVI/N 1200	1150	1270	471	1535	220	300	10	22,5	14	6	0,62	0,725	325	2,40
					190	400	20	40	25	10				
					160	500	30	50	39	20				
EVI/N 1500	1450	1570	521	1877	280	300	10	22,5	14	6	0,7	0,84	530	3,25
					250	400	20	40	25	10				
					220	500	30	50	39	20				
EVI/N 1800	1750	1910	567	2192	340	300	10	22,5	14	6	0,7	1,84	705	4,05
					310	400	20	40	25	10				
					280	500	30	50	39	20				
EVI/N 2100	2050	2210	633	2545	355	400	20	40	25	10	1,57	1,88	910	4,70
					325	500	30	50	39	20				
					295	600	45	70	56	30				
EVI/N 2400	2350	2550	683	2875	400	400	20	40	25	10	1,57	1,88	1230	6,70
					370	500	30	50	39	20				
					340	600	45	70	56	30				



Model	Connecting rods
EVI/N 900	4
EVI/N 1200	4
EVI/N 1500	6
EVI/N 1800	8
EVI/N 2100	8
EVI/N 2400	8



# OCRIM



OCRIM S.p.A. - Via Massarotti, 76 - 26100 Cremona (Italy)



[www.ocrim.com](http://www.ocrim.com)