



TARNOS

Electromagnetic Screening Feeders

For a controlled feeding and a precise classification

Tarnos Screening Feeders provide efficient, trouble-free operation for all types of screening applications. The thirteen Screening Feeder models range in size from a 3 inch screen for pharmaceutical and food processing applications to the 4-foot wide trough of the massive Model SF-660 unit used in basic industries.

All models are powered by highly-efficient electromagnetic drives. Unlike motor-driven screening equipment, these units have no moving parts such as eccentrics, bearings, gears or v-belts and, therefore, require no lubrication. The electromagnetic drives combine high-frequency vibration with low amplitude. This permits the handling of delicate materials with minimal product degradation.

The material flow rates of all Screening Feeders are easily regulated and varied. Each unit is furnished with a separate control to set the conveying speed for most effective screening.

Model SF Screening Feeders offer a wide selection of units for sizing, separating, dedusting and dewatering bulk materials. Models SF-TO1, SF-010, SF-152 and SF-212 are designed for efficient screening of fine mesh materials. The nine larger models provide high-tonnage separation, dedusting, desilting and dewatering of materials.

A special Light Capacity Screening Feeder used in the processing of pharmaceutical products, particularly in the dedusting of molded tablets is also available. Using all stainless steel construction, the screen is arranged in steps, providing agitation of the flow of tablets and assisting in dust removal through the screen openings into the trough bottom and discharge through the integral spout.

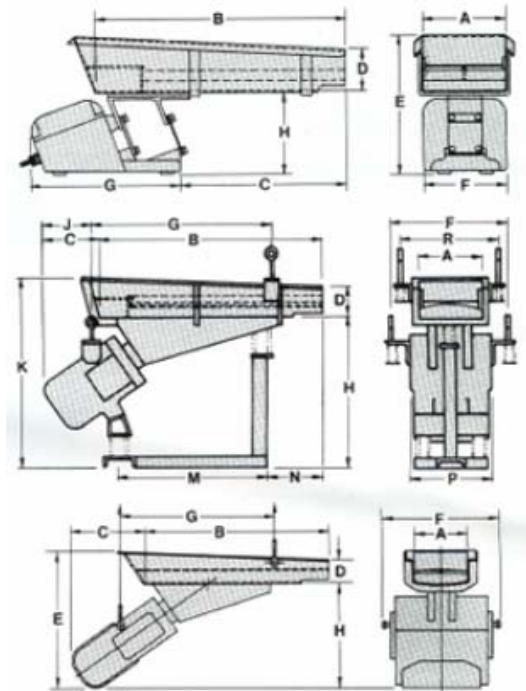
Only whole tablets, with dust and chips removed, pass over the screen to the next step in processing.



Screening feeders

Specifications and dimensions mm..

Model	A	B	C	D	E	F	G	H	J	K	M	N	P
SFT-01	76	381	248	76	229	127	232	152					
	152	254	120	76	229	127	232	152					
SF-010	152	457	317	76	229	152	276	152					
	203	305	171	76	229	152	276	152					
SF-152	152	610	136	76	305	505	330	114	457	406	162	222	273
	203	457	213	76	305	460	330	114	457	406	86	222	305
SF-212	203	914	124	76	381	632	403	143	530	482	356	305	330
	305	610	276	76	381	619	403	143	530	482	200	305	432
SF-220	305	1067	203	127	749	502	781	546					
SF-280	356	1067	203	127	749	502	781	546					
SF-330	457	1067	508	152	908	629	1041	679					
SF-380	610	1067	508	152	908	667	1041	679					
SF-440	610	1372	660	178	1162	965	1257	908					
SF-450	762	1524	565	178	1137	965	1251	883					
SF-480	762	1829	381	254	1232	965	1587	889					
SF-560	914	1829	1041	305	1549	1613	1930	1245					
SF-660	1219	1829	1048	305	1549	1613	1943	1245					
SF-88	1372	1829	1118	305	1581	1613	1994	1276					



Model	Power (W)	Input (Amp.)	Current	Net Weight (Kg)
SFT-01	20	0,8	220 v 50 Hz	15
SF-010	50	2,4		20
SF-152	100	2,4		39
SF-212	125	4		73
SF-280	550	7	380 v 50 Hz	214
SF-330	950	15		436
SF-380	1.250	20		568
SF-440	2.200	22		1068
SF-450	2.350	28	380 v 50 Hz	1500
SF-480	3.300	35		1909
SF-560	2.900	30		3272
SF-660	3.300	35		4182
SF-88	4.600	60		4818



CAUTION: These units are to be installed, operated and maintained in accordance with accompanying service instructions. Failure to follow these instructions may result in harm to people and/or things.

TARNOS

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The characteristics stated in this catalogue may be changed by TARNOS without prior notice.

VIBRATORS - FEEDERS - SCREENS - VIBRATING SIEVES - CONVEYORS - SPIRAL FEEDERS - FOUNDRY SHAKEOUTS - FLOW SWITCHES - BIN
 VIBRATORS - VIBRATING TABLES - AUTOMATIC PARTS FEEDERS - DOSING EQUIPMENT - TRAVELLING WATER SCREENS