

PAN FEEDERS

TECHNICAL SPECIFICATION:

Feeder	WxL [m]	Capacity @ 8 deg incline* [t/h]	Max. Particle Size [mm]	Power [kW]	Weight [kg]
PF6515	0.65x1.5	180	200	2 x 1.1	500
PF6525	0.65x2.5	160	200	2 x 1.1	650
PF8017	0.8x1.7	250	250	2 x 1.1	600
PF8025	0.8x2.5	250	250	2 x 1.1	850
PF8030	0.8x3.0	600	250	2 x 4.3	2000
PF10020	1.0x2.0	400	300	2 x 1.5	850
PF10025	1.0x2.5	350	300	2 x 2.2	1200
PF10030	1.0x3.0	370	300	2 x 2.2	1400
PF12520	1.25x2.0	550	400	2 x 2.2	900
PF12525	1.25x2.5	500	400	2 x 2.2	1400
PF14022	1.4x2.2	850	450	2 x 4.3	2000
PF16022	1.6x2.2	600	500	2 x 4.3	2200
PF16030	1.6x3.0	1200	500	2 x 4.3	2800

* Capacity of with particle size of 50mm. Capacity will decrease to 50% at maximum particle size.

Feeder can be modified to accomodate customer requirements. For different size or custom made feeder please contact VIBFEM Pty Ltd.

Vibrating Feeders driven by out-of-balance motors have been used for many years to feed and convey all types of bulk materials. The feeders can be installed below hoppers and silos to feed material continuously or intermittently, or can be used to simply transfer material. Vibrating feeders can be installed at angles of up to 12° above or below the horizontal. These feeders are driven by 2 off counter-rotating out-of-balance motors and are generally referred to as linear motion brute force feeders.

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The stroke of these feeders can be adjusted by changing the out-of-balance setting of the motors. The capacity can be altered during operation by varying the speed of the motors when using a frequency controller.

Construction Materials The feeders are generally made from Carbon Steel plate and are lined with replaceable liners bolted in position. To meet special requirements as may apply to the Food Industry or Chemical Industry the feeder trough and liners may be manufactured from stainless steel or heat resistant steel.

Liner plates are generally made from wear resistant steel or corrosion resistant stainless steel

If very hot material (up to 600°) is being handled thermal insulators are installed between the liners and the feeder trough to reduce the transfer of heat to the feeder body.

Vibratory Motors – option to redesign feeders to use client specified motors.