

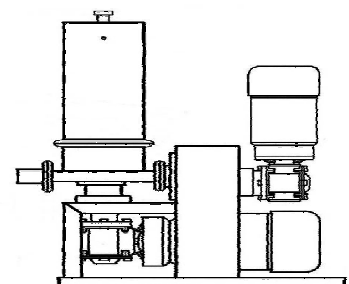
Three-Tec

Flat-Tray Feeders

We have solutions if your bulk material forms similar cones



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Flat-Tray Feeders



ZD 5 FB-C-1M-50

The probably smallest double screw flat-tray feeder of the world with tray wiper is ideally suited for dosing of very poor and non free flowing powder

Feed rate 0.001 up to 1.5 dm³/h



ZD 9 FB-C-2M-80

The volumetric double screw flat-tray feeder ZD 9 FB with tray wiper and safety guard is ideally suited for dosing of very poor and non free flowing powder. With tray wiper to assure gentle and complete discharging of the bulk material.

Feed rate 0.1 up to 20 dm³/h



ZD 12 FB-C-2M-100 or 200

The volumetric double screw flat-tray feeder ZD 12 FB with tray wiper and safety guard is ideally suited for dosing of very poor and non free flowing powder. With tray wiper to assure gentle and complete discharging of the bulk material.

Feed rate 0.1 up to 60 dm³/h.



ZD 22 FB-C-2M-200

The volumetric double screw flat-tray feeder ZD 22 FB with tray wiper and safety guard is ideally suited for dosing of very poor and non free flowing powder. With tray wiper to assure gentle and complete discharging of the bulk material.

Feed rate 0.3 up to 200 dm³/h.

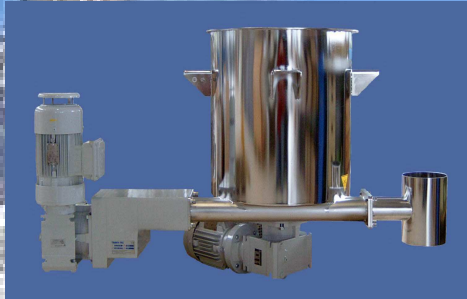


ZD 32 FB-C-2M-200 or 300

The volumetric double screw flat-tray feeder ZD 32 FB with tray wiper and safety guard is ideally suited for dosing of very poor and non free flowing powder. With tray wiper to assure gentle and complete discharging of the bulk material.

Feed rate 0.3 up to 900 dm³/h.

Flat-Tray Feeders



ZD 55 FB-2M-500

The volumetric double screw flat-tray feeder ZD 55 FB with tray wiper and safety guard is ideally suited for dosing of very poor and non free flowing powder. With tray wiper to assure gentle and complete discharging of the bulk material.

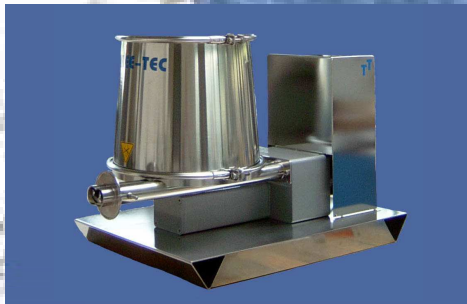
Feed rate 4.0 up to 4800 dm³/h.



ZD 22 FB-C-1M-200 Pharma

Completely made of stainless steel, ground smooth and polished to Ra 0.8/Ra 0.4 µm, radius 3 mm.

The pharma version is available on all feeder models.



ZD 32 FB-1M-300

The volumetric double screw flat-tray feeder ZD 55 FB with tray wiper and safety guard is ideally suited for dosing of very poor and non free flowing powder. With the negative conical hopper the bulk material have better free flowing property and the tray wiper assure gentle and complete discharging of the bulk material.

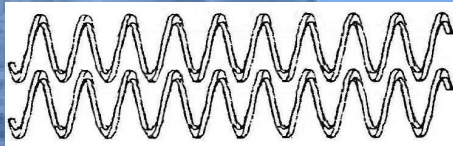
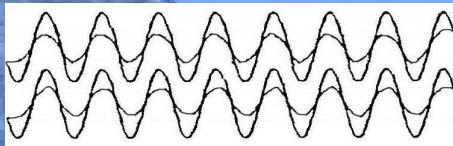
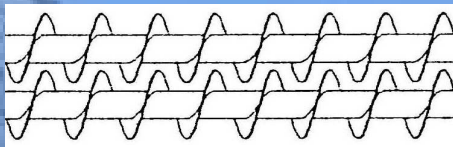
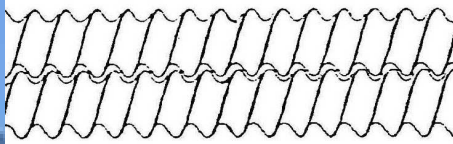


ZD 22 DFB-3M-500

Double screw flat-tray feeders are available in volumetric or gravimetric execution. The pictures beside shows a gravimetric double screw flat-tray feeder ZD 22 DFB with a 150 kg precision scale. The feeder is with and without auxiliary hopper available. Double screw flat-tray feeders are ideally suited for dosing of very poor or non free flowing powder. With tray wiper to assure gentle and complete discharging of the bulk material.

Feed rate 0.3 up to 200 dm³/h.

Feeding Tools



We also manufacture special screws designed to meet customer's requirements, from diameter 5 mm up to diameter 130 mm. Single-, double- or multi-threaded, linear conical, progressive and relief ground.

	ZD 5 FB	Feed rate	ZD 9 FB	Feed rate
	Ø 5 x Pitch 2.5 mm	0.005-0.4 dm ³ /h	Ø 9 x Pitch 4.5 mm	0.05-7.0 dm ³ /h
	Ø 5 x Pitch 5 mm	0.01-0.8 dm ³ /h	Ø 9 x Pitch 13.5 mm	0.1-14.0 dm ³ /h
	Ø 5 x Pitch 5 mm	0.01-1.0 dm ³ /h	Ø 9 x Pitch 4.5 mm	0.1-8.0 dm ³ /h
	Ø 5 x Pitch 7.5 mm	0.015-1.25 dm ³ /h	Ø 9 x Pitch 13.5 mm	0.2-16.0 dm ³ /h
	Ø 5 x Pitch 5 mm	0.020-1.0 dm ³ /h	Ø 9 x Pitch 4.5 mm	0.1-10.0 dm ³ /h
	Ø 5 x Pitch 7.5 mm	0.030-1.5 dm ³ /h	Ø 9 x Pitch 13.5 mm	0.3-20.0 dm ³ /h
	Ø 5 x Pitch 5 mm	0.020-0.65 dm ³ /h	Ø 9 x Pitch 4.5 mm	0.1-9.0 dm ³ /h
	Ø 5 x Pitch 10 mm	0.030-1.3 dm ³ /h	Ø 9 x Pitch 13.5 mm	0.2-18.0 dm ³ /h

	ZD 12 FB	Feed rate	ZD 22 FB	Feed rate
	Ø 12 x Pitch 6 mm	0.05-26.0 dm ³ /h	Ø 22 x Pitch 11 mm	0.6-80.0 dm ³ /h
	Ø 12 x Pitch 18 mm	0.1-32.0 dm ³ /h	Ø 22 x Pitch 33 mm	1.2-160.0 dm ³ /h
	Ø 12 x Pitch 6 mm	0.1-26.0 dm ³ /h	Ø 20 x Pitch 10 mm	1.0-90.0 dm ³ /h
	Ø 12 x Pitch 18 mm	0.2-52.0 dm ³ /h	Ø 20 x Pitch 30 mm	1.5-180.0 dm ³ /h
	Ø 12 x Pitch 6 mm	0.2-30.0 dm ³ /h	Ø 20 x Pitch 10 mm	1.3-100.0 dm ³ /h
	Ø 12 x Pitch 18 mm	0.4-60.0 dm ³ /h	Ø 20 x Pitch 30 mm	2.6-200.0 dm ³ /h
	Ø 12 x Pitch 6 mm	0.2-28.0 dm ³ /h	Ø 20 x Pitch 10 mm	1.7-80.0 dm ³ /h
	Ø 12 x Pitch 18 mm	0.3-56.0 dm ³ /h	Ø 20 x Pitch 30 mm	3.4-160.0 dm ³ /h

	ZD 32 FB	Feed rate	ZD 55 FB	Feed rate
	Ø 32 x Pitch 16 mm	1.5-260 dm ³ /h	Ø 55 x Pitch 27.5 mm	2.0-2000 dm ³ /h
	Ø 32 x Pitch 32 mm	4.5-780 dm ³ /h	Ø 55 x Pitch 50 mm	4.0-4000 dm ³ /h
	Ø 30 x Pitch 15 mm	5.0-420 dm ³ /h	Ø 55 x Pitch 25 mm	10-1150 dm ³ /h
	Ø 30 x Pitch 30 mm	10.0-840 dm ³ /h	Ø 55 x Pitch 50 mm	20-2300 dm ³ /h
	Ø 30 x Pitch 15 mm	7.5-450 dm ³ /h	Ø 55 x Pitch 25 mm	15-2400 dm ³ /h
	Ø 30 x Pitch 30 mm	15.0-900 dm ³ /h	Ø 55 x Pitch 50 mm	30-4800 dm ³ /h
	Ø 30 x Pitch 15 mm	2.5-380 dm ³ /h	Ø 55 x Pitch 25 mm	15-1000 dm ³ /h
	Ø 30 x Pitch 30 mm	5.0-760 dm ³ /h	Ø 55 x Pitch 50 mm	30-2000 dm ³ /h

Feed rates strongly depend on bulk materials and are to be considered as theoretical values.