

Osborn IFE Electromagnetic Feeder



Description

Pans of welded steel, driven by IFE electro-magnetic vibrators.

Available as base-mounted or suspended machines.

Connected to the power supply through the IFE Thyristor control for local regulation or remote signal.

Standard design

Pan with flat bottom and under-slung vibrator. Pan material Std 37. Pan dimension per ISO standards.

Special design

- Drive overhead of pan.
- Pan lining of special steel, rubber, plastic or ceramic.
- Pans with multiple discharge ports. (Automatic or manually operated).
- Pans with custom designed deck configurations.
- Pans with sound deadening enclosures.

With one of the largest and most modern manufacturing facilities in South Africa, **Osborn** also offers installation, commissioning, spares, reconditioning and after sales service on all our equipment, plus the capability to supply the right unit for the application.

Osborn IFE Electromagnetic Feeders

let you choose models that best suit your crushing needs. They also compliment Osborn's extended product offering of : Jaw Crushers, Gyrasphere Cone Crushers, Screens, Scrubbers, Classifiers, Rolling Ring Crushers, Rotary Breakers, Idlers, plant capability and conveying systems.

The **Osborn** range of equipment is renowned for ruggedness and represents years of design improvements and field experience gleaned from various installations throughout the world.

For more details and brochures on these products and other services available please contact our Sales Department at the numbers overleaf.

B X L mm	Vibrator Type	Capacity t/h	Weight kg	F mm	G mm	H mm
250 x 750	TS 50	85	62	930	450	100
1000	TS 50	50	65	1100	470	
1500	TS 50	35	84	1500	550	
315 x 750	TS 50	100	70	750	470	100
1000	TS 50	70	76	1100	480	
1500	TS 50	50	90	1400	520	
2000	TS 50	40	105	1700	520	
315 x 1550	TS 100	60	136	1550	600	100
2000	TS 100	50	152	1650	600	100
400 x 750	TS 50	125	80	950	490	125
1000	TS 50	85	85	1130	520	
1500	TS 50	70	100	1420	520	
400 x 1000	TS 100	95	132	1200	570	125
1500	TS 100	85	144	1550	600	
2000	TS 100	75	166	1900	670	
1500	TS 200	100	266	1700	680	
2000	TS 200	95	284	2000	730	
500 x 1000	TS 100	105	146	1230	600	140
1000	TS 200	135	283	1380	630	
1500	TS 200	120	300	1700	730	
2000	TS 200	105	320	1950	750	
2500	TS 200	90	350	2250	750	
500 x 2000	TS 250	180	360	2030	820	140
2500	TS 250	130	390	2400	840	
650 x 1000	TS 100	115	155	1230	600	140
650 x 1000	TS 200	175	280	1400	700	140
1250	TS 200	160	300	1500	700	
1500	TS 200	145	316	1675	730	
2000	TS 200	110	346	1950	730	
650 x 1250	TS 250	320	330	1700	710	140
1500	TS 250	290	345	1800	740	
2000	TS 250	230	385	2030	760	
2500	TS 250	180	420	2380	810	
800 x 1250	TS200	175	350	1630	780	160
1500	TS200	150	360	1670	750	
800 x 1250	TS 250	415	390	1710	810	160
1500	TS 250	340	400	1730	780	
2000	TS 250	240	440	2200	900	
2500	TS 250	205	495	2450	900	
3000	TS 250	155	550	2800	950	
800 x 2000	TS 500	465	770	2320	950	160
2500	TS 500	415	825	2580	950	
1000 x 1500	TS 500	585	755	2230	1000	200
2000	TS 500	485	805	2350	1040	
1250 x 1500	TS 500	700	830	2050	950	200
1750	TS 500	680	910	2200	960	
2000	TS 500	650	995	2350	1000	

Features

Instantly stops flow from hopper when shut off.

High capacities, no rotating parts – no maintenance or wear (on drives).

Capacity is controllable via closed loop or external signals. Low power requirements – no electrical loss.

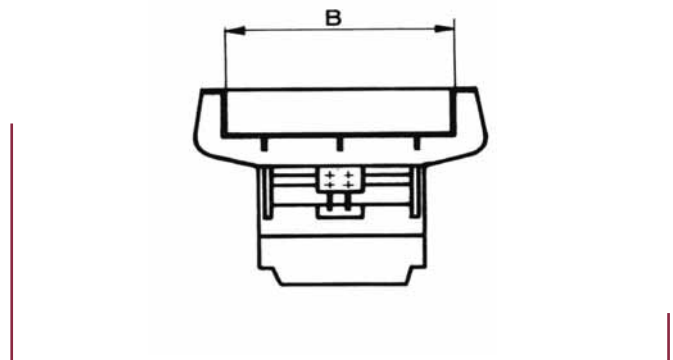
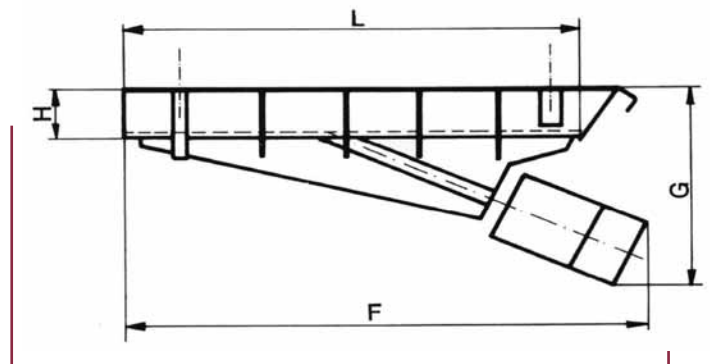
Infinitely variable and volumetrically controlled capacities.

Applications

IFE Electromagnetic feeders serve as dischargers for hoppers containing bulk materials. They are particularly beneficial for blending systems.

Example

Feeding of weigh bins, belt conveyors, screens, grizzlies and magnetic separators. Blending and proportioning of bulk material; feeding crushers, conveyors and elevators. Filling of containers.



Osborn. Designers and manufacturers of bulk materials handling and minerals processing plant and equipment.

OSBORN

Head Office: PO Box 8182, Elandsfontein, 1406, Johannesburg, South Africa

Tel: +27 11 820 7600 • Fax: +27 11 388 1136

E-mail: osborn@osborn.co.za • www.osborn.co.za

Osborn Branches:

Cape Town: +27 21 556 1470

Durban: +27 31 569 4431

Welkom: +27 57 352 3374

Witbank: +27 13 692 3035

Local Agents: Cape Town and Phalaborwa

Export Agents: Samuel Osborn Zimbabwe, Kenya, Zambia, Namibia and Ghana

Ref No: OIEF-07/2006

An Astec Company

