

Screens

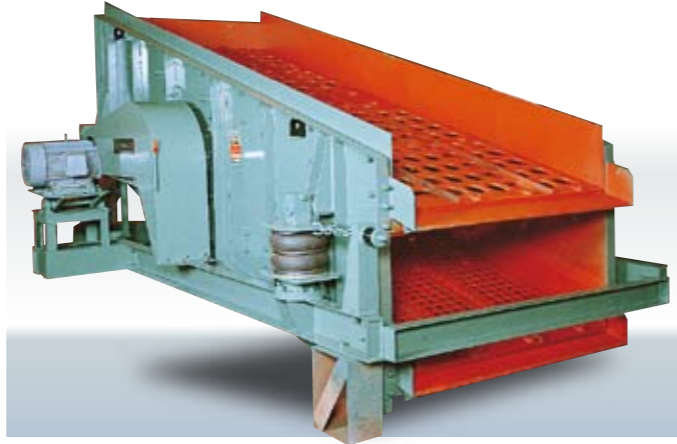
GS Vibrating Grizzly Screens

- Rigid steel plate construction
- Shock and abrasion resistant screen deck
- Rubber/coil suspension for 5' and large screens

Best suited for the production of rubble, these screens receive primary crushed (rather coarse) rocks from the primary crusher and process the undersized aggregates. The oversizes are delivered to the secondary crusher.

The frame is constructed of steel plates with channels of tough angular steel. The screen deck, constructed of perforated steel plate, is resistant to shock and abrasion.

Screens of 1.5m (5ft.) or more in width are rubber/coil spring mounted.



Model	Screen Size, W x L (mm)	Type of Motion	Slope Angle	Motor Power (kW)	Net Weight (t)	Max. Feed Size (mm)
GS382	900x2400	Circular	15°	5.5	2.1	120 & under
GS482	1200x2400	Circular	15°	7.5	2.6	150 & under
GS4102	1200x3000	Circular	15°	7.5	3.0	150 & under
GS5102	1500x3000	Circular	15°	11.0	4.8	200 & under
GS5122	1500x3600	Circular	15°	11.0	5.6	200 & under
GS5142	1500x4200	Circular	15°	15.0	6.0	200 & under
GS6122	1800x3600	Circular	15°	18.5	7.0	250 & under

NSR Inclined Vibrating Screens

- Smooth circular motion
- Minimal stress on the frame
- High resistance to mechanical failure

The centrifugal force is generated by the rotation of a single eccentric shaft with counter weights. The vibration with the centrifugal force is smooth and places no extra stress on the machine body, thus, these screens are unusually resistant to mechanical failure.



Model	Screen Size, W x L (mm)	No. of Decks	Type of Motion	Slope Angle	Motor Power (kW)	Net Weight (t)	Max. Feed Size (mm)	Capacity (TPH)
NSR362/3	900x1800	2/3	Circular	15°	3.7	1.3 / 1.5	80	30~ 50
NSR382/3	900x2400	2/3	Circular	15°	3.7/5.5	1.55 / 1.9	80	40~ 60
NSR482/3	1200x2400	2/3	Circular	15°	5.5	1.85 / 2.05	80	50~ 75
NSR4102/3	1200x3000	2/3	Circular	15°	7.5	2.0 / 2.3	80	75~100
NSR5102/3	1500x3000	2/3	Circular	15°	11	3.2 / 3.6	80	95~130
NSR5122/3	1500x3600	2/3	Circular	15°	11	3.6 / 4.0	80	115~150
NSR5142/3	1500x4200	2/3	Circular	15°	15	4.1 / 4.6	80	130~180
NSR5162/3	1500x4800	2/3	Circular	15°	15	5.0 / 5.6	80	150~200
NSR6142/3	1800x4200	2/3	Circular	15°	18.5	5.5 / 6.5	80	160~210
NSR6162/3	1800x4800	2/3	Circular	15°	18.5	6.1 / 7.3	80	180~245
NSR6202	1800x6000	2	Circular	18°	22	8.5	80	225~305

Feeders and Grizzly Screens

PFS Reciprocating Plate Feeders

- Regular, forced delivery for increased efficiency
- Adjustable feed rate

The reciprocating motion of the plate is maintained by the arm that is connected to a crank shaft, rotated by a geared motor. Regular, forced delivery of a constant amount of material increases the efficiency of the primary crusher. The feed rate is adjustable by changing the stroke of the reciprocating motion (optional).



Model	Plate Size, WxL (mm)	Max. Feed Size, TxWxL (mm)	Capacity (TPH)	C.P.M.	Stroke L (mm)	Motor Power (kW)	Net Weight (t)
PFS 616	600x1600	265x 340x 610	60	25	150	3.7x4Px1/30	1.5
PFS 820	800x2000	320x 415x 760	100	25	180	5.5x4Px1/30	2.0
PFS 824	800x2400	320x 415x 760	110	25	180	5.5x4Px1/30	2.3
PFS1024	1000x2400	430x 550x 915	150	20	220	7.5x4Px1/30	2.5
PFS1030	1000x3000	430x 550x 915	150	20	220	11x4Px1/30	3.0
PFS1224	1250x2400	640x 825x1170	200	22.5	220	11x4Px1/30	3.5
PFS1236	1200x3600	640x 828x1170	200	22.5	220	15x4Px1/30	5.0
PFS1436	1400x3600	735x 945x1250	300	22.5	220	18.5x4Px1/30	7.0
PFS1440	1400x4000	735x 945x1250	300	22.5	220	22x4Px1/30	8.0
PFS1750	1700x5000	855x1100x1520	400	21.25	220	37x1/30	13.0

GVF Grizzly Vibrating Feeders

- Positive scalping of dirt before primary crusher
- Minimum clogging or adhesion of dirt and soil
- Adjustable feed rate

These units are similar to a combination of a PFS Reciprocating Plate Feeder and a GSS Grizzly Scalping Screen. GVF Feeders offer a big advantage - Minimum clogging or dirt and soil adhesion. The amount of feed is controlled by changing the vibration amplitude or RPM.



Model	Trough Size, WxL (mm)	Max. Feed Size, TxWxL (mm)	Capacity (TPH)	C.P.M.	No. of Grizzly Bars	Motor Power (kW)	Net Weight (t)	Remarks
GVF718	700x1800	265x340x 610	80	1500/1800	3	0.85x2	1.3	Vibro motorx2
GVF820	800x2000	320x415x 760	100	1500/1800	3	1.5x2	1.7	Vibro motorx2
GVF926	900x2600	445x570x 810	120	900	4	11	2.5	Mechanical Vibrator
GVF1030	1000x3000	430x550x 915	150	900	4	11	3.7	Mechanical Vibrator
GVF1230	1200x3000	640x825x1170	200	900	1	15	4.0	Mechanical Vibrator
GVF1236	1200x3600	640x828x1170	200	900	4	15	5.0	Mechanical Vibrator
GVF1440	1400x4000	735x945x1250	250	900	6	22	6.5	Mechanical Vibrator