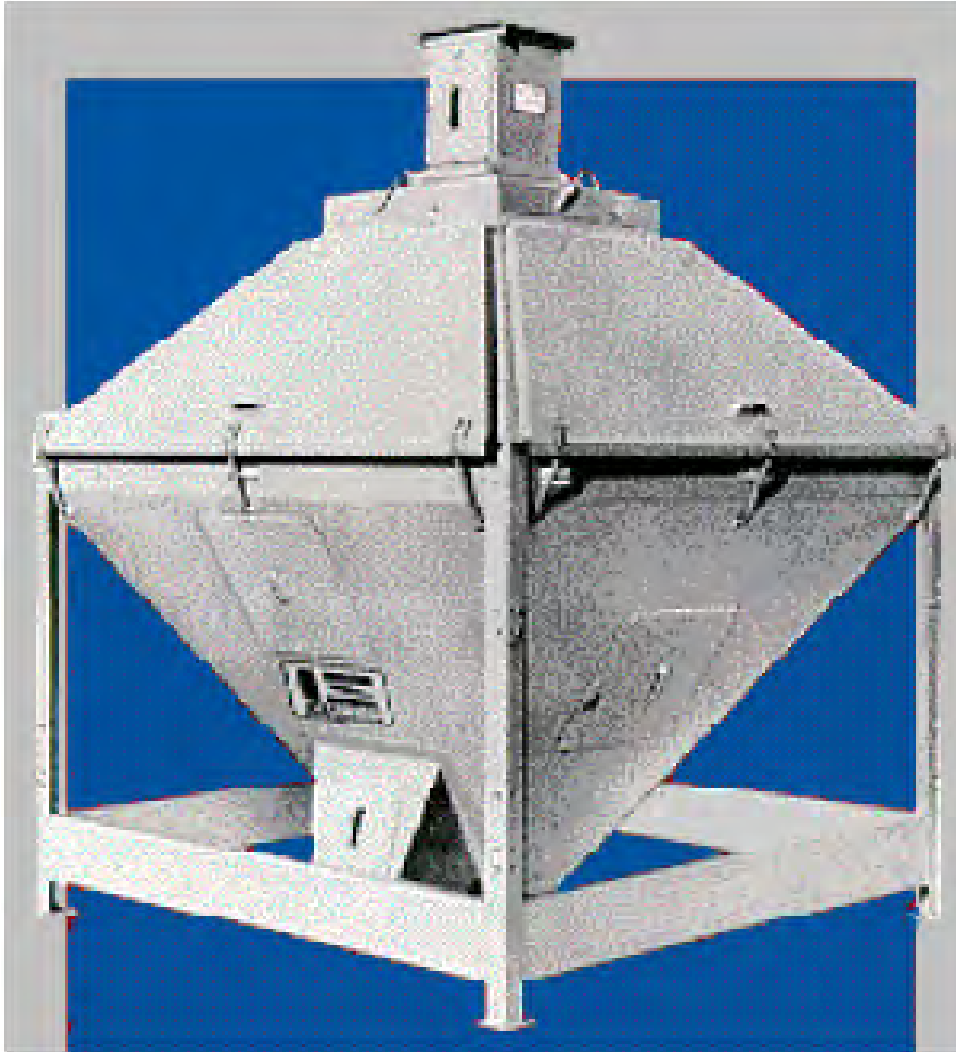


For Bulk Material Handling & Processing Industries



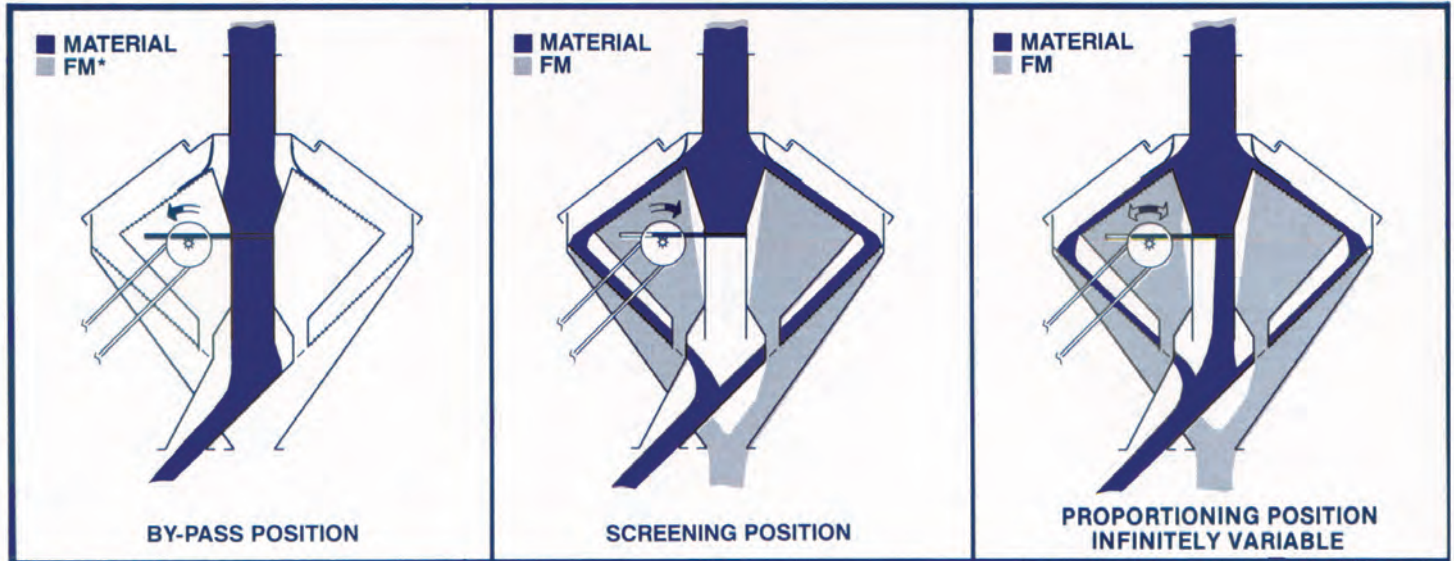
The most rugged, convenient, and controllable gravity screener available!

Built-In Performance:

- Low overall height for lower installation costs.
- "Fine touch" FM control through a rack-and-pinion valve.
- Controlled screening! Proportion of material cleaned to material by-passed can be infinitely varied--even while the screener is operating.
- Remote manual control of proportioning gate is standard. Electric controls are available. Both controls indicate percentage of gate opening.
- Ball bearing supported shafts and nonmetallic sides ensure smooth gate operation.
- Excellent material distribution to all screens due to the vertical inlet tube.
- Simple and convenient screen change--no tools needed!
- Optional service platform bolts directly to stand for stability.

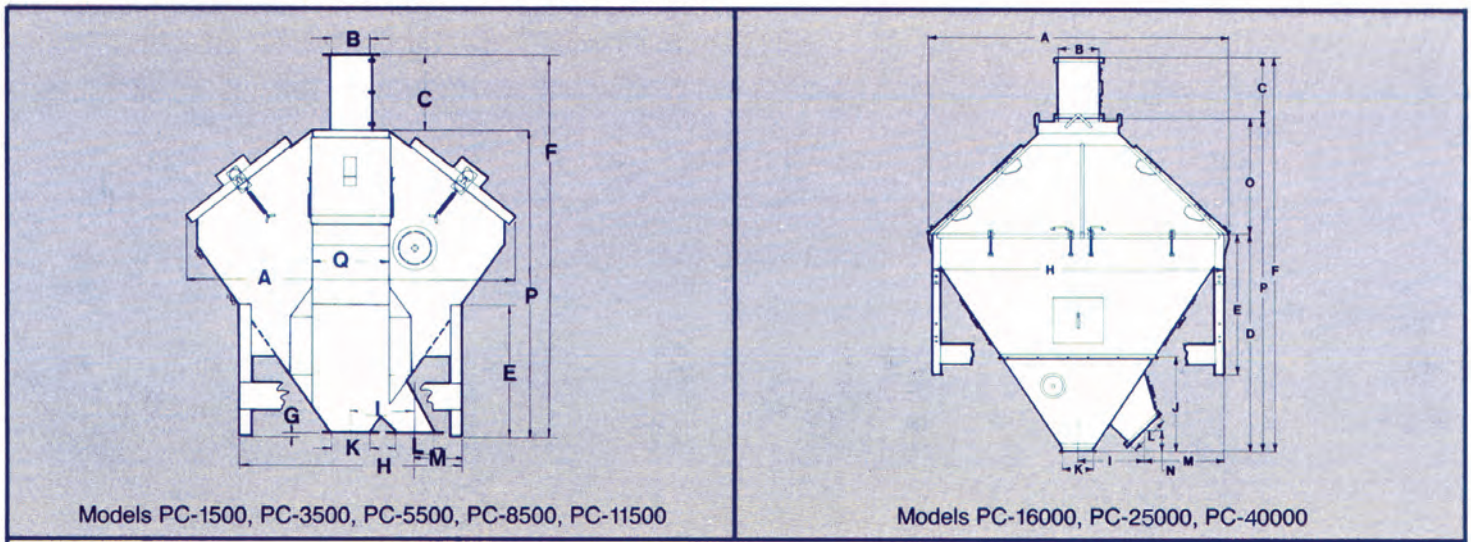


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*FOREIGN MATERIAL/FINES

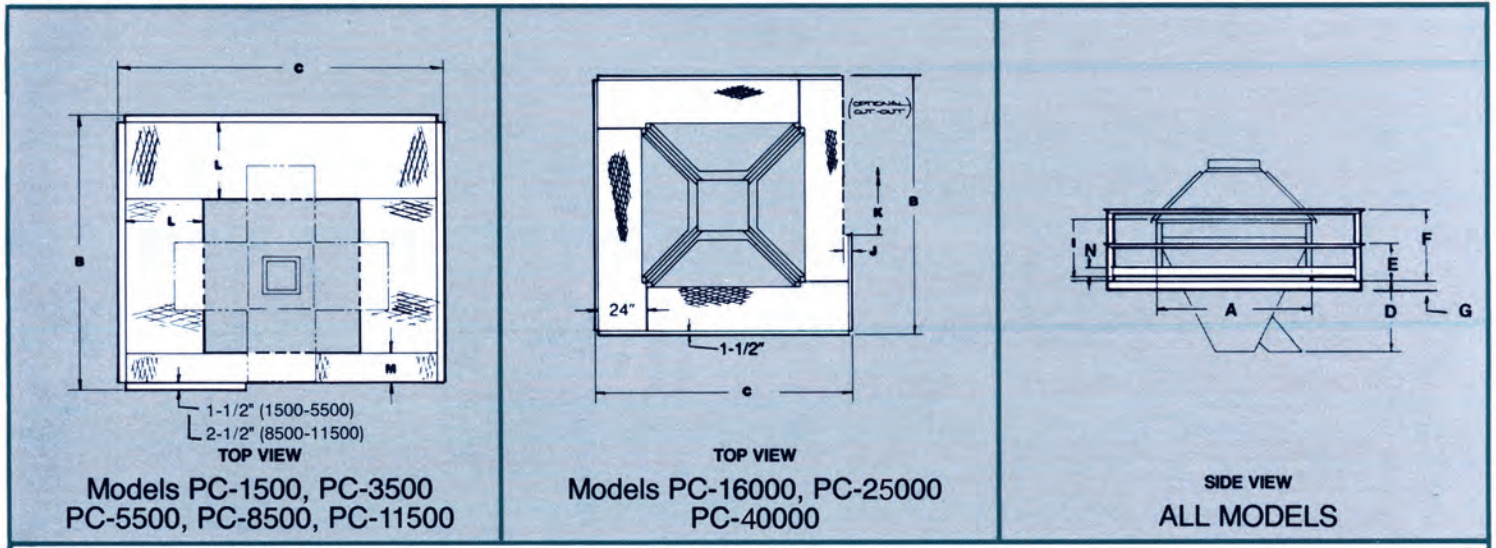
DIMENSIONS - GRAVITY SCREENERS



DIMENSIONS - GRAVITY SCREENERS

Description	PC-1500	PC-3500	PC-5500	PC-8500	PC-11500	PC-16000	PC-25000	PC-40000
A Overall Width	4'-3 3/16"	5'-3 7/16"	6'-0"	7'-9 1/2"	9'-3 3/4"	10'-0"	10'-9 3/8"	11'-6"
B Grain Inlet	6" sq	8" sq	10" sq	12" sq	14" sq	16" sq	19" sq	28" sq
C Inlet Tube Height	12"	16"	18"	18"	18"	24"	30"	35.5"
D Bottom Section Height	---	---	---	---	---	7'-3 1/4"	7'-8 3/4"	8'-1"
E Support Frame Height	2'-11 5/8"	2'-5"	2'-8"	3'-9 1/2"	4'-10"	4'-8 1/2"	4'-8 5/8"	4'-8 1/2"
F Overall Height	5'-4 3/4"	7'-6"	8'-8"	10'-1 3/16"	11'-7 9/16"	13'-1 1/2"	14'-3 1/8"	15'-6"
G Floor Clearance	1"	1"	1"	1"	1"	---	---	---
H Support Frame Width	2'-10 1/2"	3'-11 11/16"	3'-11 3/4"	5'-6"	7'-0"	9'-8"	10'-5 3/8"	11'-2 1/8"
I Outlet Offset	10"	1'-1"	1'-2 1/2"	1'-6"	1'-8"	2'-2 1/2"	2'-2 1/2"	2'-5 3/4"
J Lower Section Height	---	---	---	---	---	3'-0 3/8"	3'-5 7/8"	3'-11 3/4"
K FM Outlet	6" sq	8" sq	10" sq	12" sq	14" sq	12" sq	14" sq	14" sq
L Clean Grain Outlet	6" sq	8" sq	10" sq	12" sq	14" sq	16" sq	19" sq	28" sq
M Outlet To Support Frame	7 1/4"	7 7/8"	9 3/8"	1'-3"	1'-10"	2'-7 1/2"	2'-11 7/8"	3'-0 3/4"
N Outlet Vertical Offset	---	---	---	---	---	9"	10 3/4"	15 1/8"
O Upper Section Height	---	---	---	---	---	3'-10 1/4"	4'-0 3/8"	4'-5 1/2"
P Cleaner Height	4'-4 3/4"	6'-0"	7'-2"	8'-7 3/16"	10'-1 9/16"	11'-1 1/2"	11'-9 1/8"	12'-6 1/2"
Q Section Width	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	---	---	---

DIMENSIONS-SERVICE PLATFORM



DIMENSIONS - SERVICE PLATFORM

Description	PC-1500	PC-3500	PC-5500	PC-8500	PC-11500	PC-16000	PC-25000	PC-40000
A Cleaner Width	2'-10 1/2"	3'-5 3/4"	3'-11 3/4"	5'-6"	7'-0"	9'-8 1/4"	10'-5 1/4"	11'-2 1/4"
B Platform Width	6'-5"	7'-3/4"	7'-6 3/4"	9'-4"	10'-6 1/4"	14'-1/2"	14'-9 1/2"	15'-6 1/2"
C Platform Length	7'-3"	7'-10 1/2"	8'-4 1/2"	9'-10 3/4"	11'-4 1/2"	14'-1/2"	14'-9 1/2"	15'-6 1/2"
D Outlet To Floor	3"	3"	11"	27 1/4"	36"	50 1/2"	56"	60 1/4"
E Rail Height	22"	22"	22"	22"	22"	23"	23"	23"
F Post Height	42"	42"	42"	42"	42"	42 5/8"	42 5/8"	42 5/8"
G Floor Channel	4"	4"	4"	4"	4"	2"	2"	2"
H Toe-Board Height	4"	4"	4"	4"	4"	5"	5"	5"
I Floor To Access Door	35 1/2"	47 1/4"	47"	43 3/4"	47 1/2"	37"	37"	37"
L Floor Width	24"	24"	24"	24"	24"	-	-	-
M Floor Width (short side)	14"	14"	14"	14"	14"	-	-	-
Cleaner Empty Weight lb.	510	884	1275	2075	2812	3950	4500	5300
Cleaner Live Loads, lb. (est)	880	1782	2893	4744	7103	13022	16082	20660
Platform Weight lb. (est.)	750	822	922	1117	1398	1783	1897	1990
SCREENING CAPACITY								
BPH	1500	3500	5500	8500	11500	16000	25000	40000
CFH	1867	4356	6845	1078	14312	19912	31113	49780
*based on 48 pcf								
TPH	44.8	104.5	164.2	253.7	343.3	477.6	746.3	1194.0
MTPH	40.6	95.8	148.9	230.1	311.4	433.2	676.9	1083.0
BYPASS CAPACITY								
BPH	1500	3500	5500	8500	11500	20000	30000	60000
CFH	1867	4356	6845	1078	14312	24890	37335	74670
*based on 48 pcf								
TPH	44.8	104.5	164.2	253.7	343.3	597.0	895.5	1791.0
MTPH	40.6	95.8	148.9	230.1	311.4	541.5	821.2	1324.5
SCREENING AREA (Sq. In)	1607	2717	4406	6615	9933	25101	39629	34466

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