



HIGH FREQUENCY SCREENS

MACMIN
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FROM CONCEPTS TO REALITY



ENGINEERED FOR EFFICIENCY
DESIGNED TO YOUR SPECS
BUILT FOR DURABILITY

www.tcimfg.com - 815.379.2090

TCI

Manufacturing & Equipment Sales

Various Configurations and Customizable Options Available

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TCI High-Frequency Screens have the highest screen capacity in the industry for dry, fine material separation.



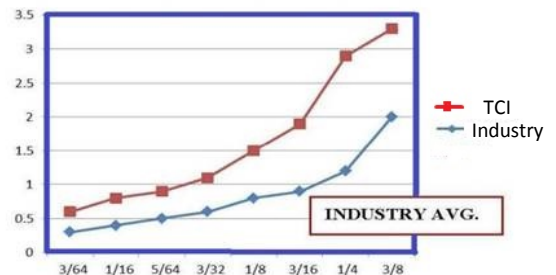
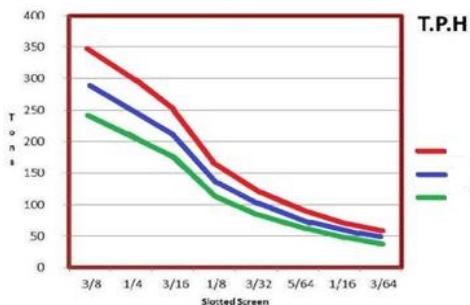
TCI high frequency screens, commonly referred to as "PEP screens", come in a variety of sizes, frequency levels and configurations. Fine material is best separated with high speed and a small stroke. They are available in single or double deck configurations, and are equipped with either electric or hydraulic vibration. The ratchet-type screen tensioning makes for easy screen panel changes

Note: Figures calculated on the use of slotted screens material to be screened contains overs to stimulate production and provide scouring.

- Assumes material weight 100 lbs per cubic foot
- This chart is to be used for estimation Purposes only. All application variables should be considered when evaluating tonnages

Basic Capacity Table

Through Deck	Dry Material		
	6x12	6x18	6x24
Slotted Screen			
3/8	240 TON	288	345
1/4	210 TON	252	302
3/16 (4M)	175 TON	210	252
1/8 (6M)	115 TON	138	165
3/32 (8M)	85 TON	102	122
5/64 (10M)	65 TON	78	93
1/16 (12M)	50 TON	60	73
3/64 (16M)	40 TON	48	58



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Stationary or Skid-Mount



6x18 PSB Plant

- TCI High-Frequency Screens are engineered to provide the highest production capabilities in the market. Aggressive vibration (3600RPM) applied directly to screen media allows for higher capacity and more efficient sizing, compared with conventional screens
- Standard separations range from ½" to 20M
- Faster screen media changes with a tool-free ratchet system
- Designed to increase production by removing fines in both pre-screening and post-screening applications

Standard sizes include: 6x12, 6x18, & 6x24

Applications include:

Fractionated / Recycled Asphalt (FRAP/RAP),
Chip sizing, Fines removal, Ag-lime,
Manufactured sand

6x18 PTSC



6x24 PTSC XL



6x12 PTF



THE TCI DIFFERENCE

- In-house engineering
- Custom design & fabrication
- Precision shop-welded and bolted
- Anything from standard enamel to custom paint formulations
- Rigorous product testing & fitting



From our humble beginning in 2000, TCI has grown significantly due to our high quality product line, our attention to detail, and our loyal and growing dealers and customer base. Our on-site facility has over **100,000 sq ft of manufacturing space**. Our in-house engineering and CNC equipment allows us to efficiently and accurately custom design and build almost anything imaginable.



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28524 1250 East Street
PO Box 306, Walnut, IL 61376
815-379-2090
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