

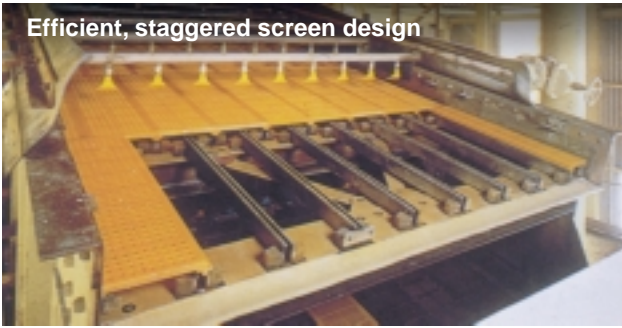


## **WS85™ Polyurethane Systems**

***The “proven” modular system for entire plant applications***

- ◆ *Most popular modular polyurethane screen deck in the U.S.*
- ◆ *The preferred system for “top-to-bottom” use*
- ◆ *Exclusive staggered pattern for increased efficiency*
- ◆ *The standard of 1' x 4' modular panel systems*
- ◆ *Openings available from 0.1 mm to 8"*
- ◆ *Custom panel fabrication available in all materials*
- ◆ *Superior design concept*

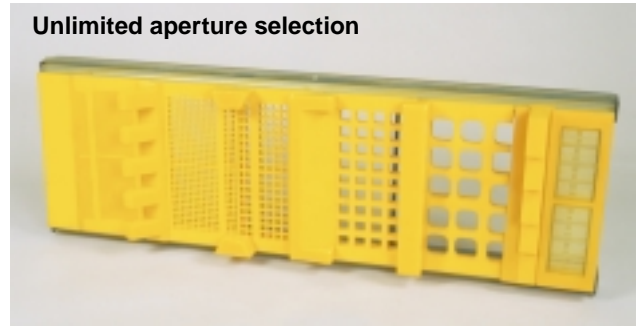
# WS85 Screens



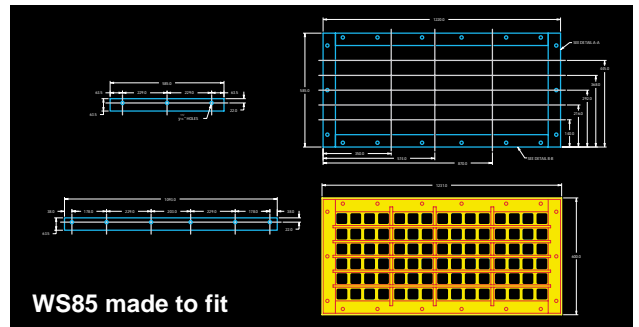
Staggered screens eliminate any continuous seams running the length of your deck. Staggered panels prevent the transportation of fines along a continuous plane. Staggering reduces fines carryover and improves screening efficiency.



A variety of open-cast materials are available where specific polyurethane formulations optimize screening performance and wear life. Options range from soft urethane with excellent impact resistance to higher durometer ideally suited for fine, wet applications.



Custom and standard panel apertures are available in square, round, rectangular and slotted openings from 0.1 mm to 8". Precisely fabricated as open cast, punched membrane or embedded injection-molded segments.



WS85 panels can be custom manufactured for virtually any screening machine worldwide. Maximum screening area is preserved through custom length-and-width panels.

## Application Examples

<b>Product Feed</b>	Fine, wet screening with natural and crushed material on lower decks	Highly abrasive and crushed materials in both wet and dry applications	Excessive near-size or angular material in feed in both wet and dry applications
<b>Problem</b>	High cost of downtime, screening media and replacement labor	Abrasive material and heavier loads accelerate screen wear	Excessive plugging of screen opening
<b>Solution</b>	TEMA Iseemann 90 durometer "A" polyurethane material provides longer wear life while maintaining screening efficiency	TEMA Iseemann "BD" dual durometer design with 60 durometer wear cap offers excellent impact resistance with superior wear properties	"Flexible D" design panel with 60 durometer material throughout the height of the webs reduces near-size plugging by providing a more flexible screening surface

# Guaranteed cost effective

The single focus of our organization is to meet your custom and standard screening needs. We offer a complete line of screening systems, which are made to your specifications. These systems are designed for efficient, productive separation of materials, ranging in size from fine powder to primary scalping. Our patented systems are engineered with simplicity in mind. Higher wear life, more efficient screening and reduced labor result in lower screening cost per ton.

TEMA Iseemann will provide a free, cost-saving proposal for your application upon request.



**TEMA Iseemann, Inc.**

2107 Sandersville Road, Lexington, KY 40511

Phone 859/252-0613, Fax 859/254-9877

E-Mail [sales@temaisenmann.com](mailto:sales@temaisenmann.com)

Web Site [www.temaisenmann.com](http://www.temaisenmann.com)

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