

# **TAPER-SLOT®** Screen

Will-Sal

### "ALL SCREENS ARE NOT CREATED EQUAL!"



### SCREENING PERFORMANCE

The secret to gaining a competitive edge is to place separation technology in first place – as a primary solution. The innovative TAPER-SLOT<sup>®</sup> Screen is designed to excel in challenging applications that conventional screens can not handle. The TAPER-SLOT<sup>®</sup> has a proven track record of superior reliability and consistent performance.





### TAPER-SLOT<sup>®</sup> SCREEN APPLICATIONS

- Construction & Demolition (C&D)
- Scrap Tires
- Wood Waste
- Landfill Reclamation
- Compost
- Auto Shredder Residue (ASR)
- Aggregate & Dirt
- Commingled Recyclables
- Municipal Solid Waste (MSW)
- Commercial Waste
- Metal from Bottom Ash
- Glass, Plastics, & Metal
- Refuse Derived Fuel (RDF)
- Electronic Waste (E-Scrap)
- And many other materials





## LATERAL WEDGE ELEMENTS

Unlike conventional finger screens, the highly efficient TAPER-SLOT<sup>®</sup> Screen, with patented lateral wedge members, offers the following benefits for superior screening performance:

#### 1. HANG-UP ELIMINATION

Lateral wedge deflectors prevent material from shifting laterally and catching under or wrapping around finger tips, thus allowing the screen to remain clean for maximum screening efficiency.

#### 2. ACCURATE SIZING

Lateral wedge deflectors prevent longer, often oversized materials from shifting sideways under a finger tip and falling into the accepts.

#### 3. ULTRA-RIGID

Lateral wedge deflectors prevent undesirable "finger–bending" and function as gussets under each finger to provide the ultimate in rigidity for long screen life.

#### 4. SELF-RELIEVING

Staggered fingers and divergent openings allow particles the opportunity to self-relieve / cam-out.







# TAPER-SLOT<sup>®</sup> SCREEN ADVANTAGES





- No plugging, blinding, or hang-ups common to conventional perforated or wire mesh screens
- Accurate Sizing
- Screen multiple sizes per unit
- High throughput performance
- Easy to install, maintain, and operate
- Screen sections are modular and easily changeable
- Eliminates belt conveyors
- Does not "fluff" or increase material volumes of lightweight materials such as paper
- No periodic stops or re-tunes due to material wrapping around fingers, discs, shafts, gears, chains or sprockets
- SAFE. Unlike trommels (rotating perforated cylinders), the TAPER-SLOT® Screen isn't dangerous to fix and maintain
- Minimum horsepower and operating costs
- Distributes material flow at a regulated rate to downstream equipment such as a sort line or grinder
- Each TAPER-SLOT® Screen is customized to meet application requirements including apertures with optimized open area



### UNCOMPROMISED EXCELLENCE

Since inception in 1972, Action Equipment Company, Inc. (ACTION) has been dedicated to the design, manufacture, and installation of vibratory equipment for the efficient processing of bulk materials. Sawmills, foundries, quarries, power plants, downstream metal processing, and recycling facilities worldwide rely on ACTION expertise and equipment. We have earned a reputation as vibratory specialists with common-sense engineering solutions, technological ingenuity, unwavering equipment reliability, and responsive customer service. We invite you to discover ACTION's uncompromised commitment to excellence.



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