Welcome to the World of Simplicity®

Simply put, with Simplicity® we are leading the way in the design and manufacture of vibrating equipment across an exceptionally wide range of applications.

By harnessing leading-edge engineering resources and innovative technologies, we’re delivering the next generation of screens and feeders – offering you unparalleled levels of performance and reliability.

The Simplicity® portfolio is broad enough for multiple applications, yet flexible enough to be fully customized.

We have the proven, in-depth experience and expertise in screening technology plus a reputation founded on superior design and premium components – which means you can count on cost-effective, long-term solutions that deliver the high performance solutions you need – every day.

Key Benefits
- Customized solutions which include
- Different space between decks
- Different inclinations
- Positioning of spring locations
- Multiple media options
- Different widths & heights
- Different widths
- Feed box options
Simplicity® Incline Screens
SM Series


The screen is critical to your plant production and your profitability. The Simplicity® SM Series is a two-bearing inclined screen designed for heavy-duty scalping, intermediate sizing as well as finished screening of virtually any material. And it delivers. The two bearing offered has a wide variety of models, sizes and deck styles to accommodate virtually any application. Sizes range from 3’ x 6’ (914mm x 1828mm) to 8’ x 24’ (2438mm x 6096mm) in one, two, three and four-deck units.

Single-piece, continuously welded decks are Huck® bolt fastened to extra-deep corner supports, and rugged steel side plates for a box-type structural strength that is highly resistant to cracking. In the side plate area, extended height for extra rigidity.

Advantages/Key Features
- Heavy Duty rigid construction with Huck® bolt.
- Application versatility
- Models customized for size, deck styles and media
- Capable of producing a variety of material.

Simplicity® Incline Screens
DM Series

High Production Meets Low Maintenance

Our twin shafted inclined screens deliver the rugged reliability for those heavy jobs. The dual mechanism is an alternative to the single shaft mechanism.

This tough design extends bearing life in heavy-duty applications and handles increased speeds in fine screening applications.

DM screens are available in 2, 3 and 4 deck models in sizes ranging from 7’ x 20’ (2134mm x 6096mm) to 8’ x 24’ (2438mm x 7315mm).

Advantages/Key Features
- Carry more load with increased bearing life
- Easy to retro-fit into existing structures
- Adjustable speed and stroke
- Available with heavy decks for urethane media.
Advantages/Key Features
• Single shaft, four bearing assembly
• Positive stroke machine which handles surge loads
• Improved wear with 6” discharge lips with liners, abrasion resistant steel lip liners, feed box with replaceable bottom liner
• Cable or coil mounted installation
• Ready to work immediately due to full length I-beam main frame.
**Simplicity® Incline Screens**

**ES Series**

**Reliable and Adaptable**

The revolutionary ES Series increases production and handles applications not possible with traditional horizontal screens because it combines the efficient, high g-force El-Jay® oval stroke motion with variable slope operation to handle larger deck loads. The new design also features more steel in the “rock zone” for industry leading durability. The screen has multiple new patent-pending features to boost production. The screen adjusts up to 10° in 2.5° increments to best fit the application and optional bottom deck deflector plates increase efficiency.

The ES Series with its variable slope operation gives customers a product that handles more applications than other screens on the market. The increased capabilities, higher production, enhanced durability and ease of maintenance of the ES series make it an industry leader.

**Advantages/Key Features**

- Screen installs from 0° up to 10° in 2.5° increments to handle larger deck loads and bigger screen openings
- More steel in “rock zone” for industry leading durability; 5/16” (8 mm)
- Rugged computer-optimized decks with full-length bracing
- Optional bottom deck deflector plates boost screen efficiency
- High G-force, high efficiency El-Jay® oval stroke motion adjusts 3-ways to optimize performance
- Patented “flow-through” lubrication system and “sealed-for-life” double O-ring assembly extend equipment life

**Simplicity® Horizontal Screens**

**OH Series**

**Reliable and Adaptable**

Designed for stationary and portable plants where load height and travel height need to be held to a minimum, our Over-Head Drive horizontal screens are used in a variety of applications and work particularly well for intermediate sizing and finish screening. OH Series horizontal screens are available in a wide variety of sizes and deck styles to accommodate virtually any application. Sizes range from 4’ x 8’ single deck units to 8’ x 20’ two deck units.

**Advantages/Key Features**

- Huck® bolted screen box construction (no welds)
- Liner Stroke
- Bolt-on feed box with replaceable bottom liner
- 6” discharge lips with liners
- Abrasion-resistant steel lip liners
- Single crown decks
- Coil suspension springs
- Rubber friction checks
- Right-hand drive standard; left-hand also available.
Simplicity® Vibrating Feeder

GF Series

Flexible. Reliable. Durable.

The Simplicity® range features heavy-duty pan feeders with grizzly sections added to the pan surface. They perform both scalping and feeding in a single unit, and are designed for impact loading and heavy burdens in the toughest applications.

Standard grizzly feeder sizes range from 39” x 10’ (990mm x 3048mm) to 86” x 30’ (2184mm x 9144mm). The grizzly feeder reduces maintenance and capital costs by scalping only large material to your crusher or rip rap pile, while fines pass through the grizzlies to be screened or discarded.

Simplicity® VGF units can be customized for your specific needs with a wide range of options.

Advantages/Key Features

- Extra-heavy construction, deep side channels, extra-heavy cross member and filler bar sub-deck for long, reliable life
- Increased scalping capabilities with adjustable grizzly openings
- Increased component life with heavy coil spring support system and powerful oscillating twin shaft assembly
- Thick abrasion-resistant steel liners.
- 5 Different design configurations available for application use
- Heavy duty weight for static applications
- Robust Egg Crate design in the impact section to handle heavy surge loads

Simplicity® Vibrating Feeder

PF Series

Flexible. Reliable. Durable.

The Simplicity® range of heavy duty pan feeders perform by feeding in a single unit. They are designed for impact loading and heavy burdens in the toughest of applications.

Simplicity® pan feeder units can be customized for your specific needs with a wide range of options.

Advantages/Key Features

- Completely customizable.
- Extra-heavy construction, deep side channels, extra-heavy cross member and filler bar sub-deck for long, reliable life
- Increased scalping capabilities with adjustable grizzly openings
- Increased component life with heavy coil spring support system and powerful oscillating twin shaft assembly
- Thick abrasion-resistant steel pan liners and side liners.
Simplicity® Vibrating Feeder
VM Series

Flexible. Reliable. Durable.
The Simplicity® Low Profile Vibratory Motor Pan Feeders have been specifically designed for continuous operation under the harshest conditions. The Simplicity VM range provides durable, reliable, low maintenance machines for the mining, aggregates, demolition and recycling, industrial minerals, and agriculture and food industries.

Advantages/Key Features
- Capacity based maximum stroke setting of 3/8 inch (10 mm)
- 900 rpm operating speed
- 8 degree standard slope
- 5 inch bed depth
- Low moisture sand weighing 100 lbs per cubic foot
- Tough & Durable
- Ease of maintenance
- Wide range
- Flexible Configurations

Simplicity® Vibrating Feeder
VM Series

Advantages/Key Features
- Capacity based maximum stroke setting of 3/8 inch (10 mm)
- 900 rpm operating speed
- 8 degree standard slope
- 5 inch bed depth
- Low moisture sand weighing 100 lbs per cubic foot
- Tough & Durable
- Ease of maintenance
- Wide range
- Flexible Configurations

<table>
<thead>
<tr>
<th>Feeder Model</th>
<th>Feeder Size W x L</th>
<th>Capacity * TPH (MTPH)</th>
<th>Motors</th>
<th>Stroke and Speed</th>
<th>Total Weight</th>
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<tbody>
<tr>
<td>VM2472</td>
<td>24” X 72” (610mm x 1829mm)</td>
<td>330 (300)</td>
<td>Twin 2.41 HP 8 Poles, 406 in-lbs</td>
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<tr>
<td>VM3672</td>
<td>36” x 72” (914mm x 1829mm)</td>
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<td>VM4872</td>
<td>36” x 96” (914mm X 2438mm)</td>
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<td>VM5696</td>
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<td>VM4896</td>
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</tbody>
</table>

*Capacity based maximum stroke setting of 3/8” (10mm) 900 rpm operating speed, 8 degree standard slope, 5” bed depth, low moisture sand weighing 100lbs per cubic foot. Capacities and factors listed based properly designed hopper and skirts

Capacity Adjustment factors:
- Factory stroke setting 3/16” stroke (5mm) - multiply by 0.75
- Wet material - multiply by 0.8
- Clay contaminated material - multiply by 0.6
- Crushed stone up to 6” (150mm) with 12” bed depth - multiply by 1.2 (adjust gate and throat for larger material and higher bed depth)
- Crushed stone up to 6” (150mm) with 20” bed depth - multiply by 1.5 (adjust gate and throat for larger material and higher bed depth)
Simplicity® Services

Proven Success, Global Reach
A complete range of services. Original spare and wear parts. Customizable solutions to meet your exact needs. Outstanding technical expertise and support.
This is what Simplicity® delivers to businesses – and what it delivers to businesses throughout the world via our global distribution network, service and distribution facilities and regional warehouses.

A Shared Focus
We understand your key focus is delivering your operational and financial goals. We share that focus: it’s how we both measure success.
By combining our global service network and proven, in-depth industry knowledge with your operational expertise we’re able to provide you with the right solution to deliver a quality end product – with increased productivity.

Field Services
We offer a comprehensive set of field services to meet your maintenance, repair and refurbishment needs – which means you get a cost-effective alternative to purchasing new or replacement equipment.
Our experienced field service and distribution network are available to you on site or at our global service facilities. We can repair broken or damaged equipment to like-new condition and restore worn or irreplaceable equipment to perfect operating condition – which minimizes costly downtime for you.

Spare and Wear Part Support
Our OEM parts help maintain and enhance the performance of your equipment - and you can count on us to get you the spare and wear parts you need, when you need them.
Simplicity® parts are manufactured according to exacting specifications, using high-quality materials, tools and techniques. By using genuine parts you are helping to ensure the maximum performance and longevity of your machines.

Terex Financial Services
At Simplicity® we not only offer a strong and broad product portfolio. We also offer the means for customers to purchase the equipment they need in order to meet their operational and profitability goals.
Terex Financial Services (TFS) is a globally trusted resource that is able to leverage its knowledge of Terex equipment plus its marketplace expertise to provide a unique tailored solution for customers.

Terex Financial Services at a Glance
• Providing cost-effective financial solutions to thousands of customers across the globe
• A comprehensive suite of financial solutions tailored to fit individual needs
• Dedicated and knowledgeable team with global reach, focused on customer solutions.
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