TROMMEL SCREENS
MOBILE ELECTRIC & HYDRAULIC DRUM SCREENS
Komptech’s heavy duty trommel line was born out of the dirt and topsoil market and is designed for economical operation. Each machine is built to withstand the heavy rock and abrasive material found in topsoil. The drum screens rotating action break up the clods of dirt and rock. If necessary, adding the prescreening grizzly option adds further separation of larger material.

Our product portfolio includes 6 models tailored to the requirements of the market. From the entry level Joker to the high throughput of the all-electric Cribus 5000, we have a trommel that can meet any demand.

With many years of experience, Komptech’s drum screens reflect our focus on innovative technology and maximum customer benefit. There are extensive options available to meet a variety of specific needs, including wind sifters or grizzly attachments.

HIGHLIGHTS

- Power options: diesel hydraulic, diesel-electric or all electric operation
- Choice of standard screen drums with fixed hole size or flexible system with quick change screen segments
- Drums built to maximize screening surface area.
- User friendly operation with intuitive controls
- Easy access for screen drum change and maintenance

TROMMEL SCREENS

Komptech’s heavy duty trommel line was born out of the dirt and topsoil market and is designed for economical operation. Each machine is built to withstand the heavy rock and abrasive material found in topsoil. The drum screens rotating action break up the clods of dirt and rock. If necessary, adding the prescreening grizzly option adds further separation of larger material.

Our product portfolio includes 6 models tailored to the requirements of the market. From the entry level Joker to the high throughput of the all-electric Cribus 5000, we have a trommel that can meet any demand.

With many years of experience, Komptech’s drum screens reflect our focus on innovative technology and maximum customer benefit. There are extensive options available to meet a variety of specific needs, including wind sifters or grizzly attachments.

HIGHLIGHTS

- Power options: diesel hydraulic, diesel-electric or all electric operation
- Choice of standard screen drums with fixed hole size or flexible system with quick change screen segments
- Drums built to maximize screening surface area.
- User friendly operation with intuitive controls
- Easy access for screen drum change and maintenance

TROMMEL SCREENS

Komptech’s heavy duty trommel line was born out of the dirt and topsoil market and is designed for economical operation. Each machine is built to withstand the heavy rock and abrasive material found in topsoil. The drum screens rotating action break up the clods of dirt and rock. If necessary, adding the prescreening grizzly option adds further separation of larger material.

Our product portfolio includes 6 models tailored to the requirements of the market. From the entry level Joker to the high throughput of the all-electric Cribus 5000, we have a trommel that can meet any demand.

With many years of experience, Komptech’s drum screens reflect our focus on innovative technology and maximum customer benefit. There are extensive options available to meet a variety of specific needs, including wind sifters or grizzly attachments.

HIGHLIGHTS

- Power options: diesel hydraulic, diesel-electric or all electric operation
- Choice of standard screen drums with fixed hole size or flexible system with quick change screen segments
- Drums built to maximize screening surface area.
- User friendly operation with intuitive controls
- Easy access for screen drum change and maintenance

TROMMEL SCREENS

Komptech’s heavy duty trommel line was born out of the dirt and topsoil market and is designed for economical operation. Each machine is built to withstand the heavy rock and abrasive material found in topsoil. The drum screens rotating action break up the clods of dirt and rock. If necessary, adding the prescreening grizzly option adds further separation of larger material.

Our product portfolio includes 6 models tailored to the requirements of the market. From the entry level Joker to the high throughput of the all-electric Cribus 5000, we have a trommel that can meet any demand.

With many years of experience, Komptech’s drum screens reflect our focus on innovative technology and maximum customer benefit. There are extensive options available to meet a variety of specific needs, including wind sifters or grizzly attachments.

HIGHLIGHTS

- Power options: diesel hydraulic, diesel-electric or all electric operation
- Choice of standard screen drums with fixed hole size or flexible system with quick change screen segments
- Drums built to maximize screening surface area.
- User friendly operation with intuitive controls
- Easy access for screen drum change and maintenance

TROMMEL SCREENS

Komptech’s heavy duty trommel line was born out of the dirt and topsoil market and is designed for economical operation. Each machine is built to withstand the heavy rock and abrasive material found in topsoil. The drum screens rotating action break up the clods of dirt and rock. If necessary, adding the prescreening grizzly option adds further separation of larger material.

Our product portfolio includes 6 models tailored to the requirements of the market. From the entry level Joker to the high throughput of the all-electric Cribus 5000, we have a trommel that can meet any demand.

With many years of experience, Komptech’s drum screens reflect our focus on innovative technology and maximum customer benefit. There are extensive options available to meet a variety of specific needs, including wind sifters or grizzly attachments.

HIGHLIGHTS

- Power options: diesel hydraulic, diesel-electric or all electric operation
- Choice of standard screen drums with fixed hole size or flexible system with quick change screen segments
- Drums built to maximize screening surface area.
- User friendly operation with intuitive controls
- Easy access for screen drum change and maintenance

TROMMEL SCREENS

Komptech’s heavy duty trommel line was born out of the dirt and topsoil market and is designed for economical operation. Each machine is built to withstand the heavy rock and abrasive material found in topsoil. The drum screens rotating action break up the clods of dirt and rock. If necessary, adding the prescreening grizzly option adds further separation of larger material.

Our product portfolio includes 6 models tailored to the requirements of the market. From the entry level Joker to the high throughput of the all-electric Cribus 5000, we have a trommel that can meet any demand.

With many years of experience, Komptech’s drum screens reflect our focus on innovative technology and maximum customer benefit. There are extensive options available to meet a variety of specific needs, including wind sifters or grizzly attachments.

HIGHLIGHTS

- Power options: diesel hydraulic, diesel-electric or all electric operation
- Choice of standard screen drums with fixed hole size or flexible system with quick change screen segments
- Drums built to maximize screening surface area.
- User friendly operation with intuitive controls
- Easy access for screen drum change and maintenance

TROMMEL SCREENS

Komptech’s heavy duty trommel line was born out of the dirt and topsoil market and is designed for economical operation. Each machine is built to withstand the heavy rock and abrasive material found in topsoil. The drum screens rotating action break up the clods of dirt and rock. If necessary, adding the prescreening grizzly option adds further separation of larger material.

Our product portfolio includes 6 models tailored to the requirements of the market. From the entry level Joker to the high throughput of the all-electric Cribus 5000, we have a trommel that can meet any demand.

With many years of experience, Komptech’s drum screens reflect our focus on innovative technology and maximum customer benefit. There are extensive options available to meet a variety of specific needs, including wind sifters or grizzly attachments.

HIGHLIGHTS

- Power options: diesel hydraulic, diesel-electric or all electric operation
- Choice of standard screen drums with fixed hole size or flexible system with quick change screen segments
- Drums built to maximize screening surface area.
- User friendly operation with intuitive controls
- Easy access for screen drum change and maintenance

TROMMEL SCREENS

Komptech’s heavy duty trommel line was born out of the dirt and topsoil market and is designed for economical operation. Each machine is built to withstand the heavy rock and abrasive material found in topsoil. The drum screens rotating action break up the clods of dirt and rock. If necessary, adding the prescreening grizzly option adds further separation of larger material.

Our product portfolio includes 6 models tailored to the requirements of the market. From the entry level Joker to the high throughput of the all-electric Cribus 5000, we have a trommel that can meet any demand.

With many years of experience, Komptech’s drum screens reflect our focus on innovative technology and maximum customer benefit. There are extensive options available to meet a variety of specific needs, including wind sifters or grizzly attachments.

HIGHLIGHTS

- Power options: diesel hydraulic, diesel-electric or all electric operation
- Choice of standard screen drums with fixed hole size or flexible system with quick change screen segments
- Drums built to maximize screening surface area.
- User friendly operation with intuitive controls
- Easy access for screen drum change and maintenance

TROMMEL SCREENS

Komptech’s heavy duty trommel line was born out of the dirt and topsoil market and is designed for economical operation. Each machine is built to withstand the heavy rock and abrasive material found in topsoil. The drum screens rotating action break up the clods of dirt and rock. If necessary, adding the prescreening grizzly option adds further separation of larger material.

Our product portfolio includes 6 models tailored to the requirements of the market. From the entry level Joker to the high throughput of the all-electric Cribus 5000, we have a trommel that can meet any demand.

With many years of experience, Komptech’s drum screens reflect our focus on innovative technology and maximum customer benefit. There are extensive options available to meet a variety of specific needs, including wind sifters or grizzly attachments.
More than 6.5 yd³/5 m³ hopper for constant operation
Efficient, low-wear hopper belt drive on the drum intake side
323 ft² / 30 m² screening area for higher throughput and more efficiency per ft² / m² screening area
DRUMGRIP drive, combining the toughness of a chain and the smoothness of a friction drive
One-piece corrugated edge fines discharge belt eliminates transfer loss (option)
New control design for easier, self-explanatory operation

THE NEMUS 2700

The Nemus 2700, a mobile hydraulic drum screen, is the result of customer feedback and a combination of features from past and current product offerings by Komptech. The large 6.5 yd³ hopper and unique drum design to push material through, ensures the operator is never waiting on the trommel. The Nemus can go from transport to working mode in a matter of minutes, saving the user the time and hassle associated with other complicated machines.

Developed with user ease in mind; features such as an easy-to-clean radiator screen, larger support wheels, self-adjusting hopper belt and low-wear conveyor scrapers make the Nemus the right choice for first-time trommel buyer. And, when looking to upgrade from a current trommel, the Nemus 2700 also has the added flexibility of accepting the competitor’s drums.
THE NEMUS

Flexible drum choices

Clean discharge

Maintenance made easy

1. Hopper belt is driven on the screen intake side
2. Electronic control panel with a visual display
3. Discharge of fines with corrugated belt conveyor (option)
4. Low wear DRUMGRIP-drum drive
5. Steep hopper walls with extensions that can be fitted on the right or left

* extended discharge belts

Dimensions:
- Hopper: >13'1" or >4000 mm
- Belt conveyors: 18'1" or 5500 mm
- Drum: 49'1" or 14950 mm
- Extensions: *50'4" or *15350 mm
- Discharge belts: 10'6" or 3200 mm
- Hopper belt drive: 32°
- Extended discharge belts: *35°
- Drum drive: *6415 mm
THE PRIMUS

HIGHLIGHTS

» Steep hopper walls prevent bridging
» Easy accessibility and simple drum change system
» Solid punch plate drum or quick change screen segments available

For higher throughput needs, the Primus is the next step. Designed as a tandem, central axle trailer, the Primus not only has 172 ft² / 16 m² of effective screening area, it can also be equipped with a grizzly or wind sifter option for specific customer needs.

Heavy duty components, manually folding discharge belts, and a fuel efficient hydraulic drive gives this machine an excellent price to performance ratio.
## TROMMEL SCREEN PRODUCT COMPARISON

<table>
<thead>
<tr>
<th></th>
<th>Primus</th>
<th>Nemus 2700</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Drive</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diesel generator / engine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(kVA / HP)</td>
<td>51</td>
<td>90</td>
</tr>
<tr>
<td><strong>Material feeding - feed hopper</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hopper volume:</td>
<td>&gt; 4.0 yd³</td>
<td>&gt; 6.5 yd³</td>
</tr>
<tr>
<td>Filling length:</td>
<td>&gt; 13’1&quot;</td>
<td>&gt; 13’1&quot;</td>
</tr>
<tr>
<td>Filling height:</td>
<td>&gt; 8’8&quot;</td>
<td>9’4&quot;</td>
</tr>
<tr>
<td><strong>Screening drum</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diameter:</td>
<td>4’9”</td>
<td>6’7”</td>
</tr>
<tr>
<td>Length:</td>
<td>13’1”</td>
<td>18’1”</td>
</tr>
<tr>
<td>Effective screening area:</td>
<td>172 ft²</td>
<td>323 ft²</td>
</tr>
<tr>
<td>Drum rpm:</td>
<td>max. 21</td>
<td>max. 23</td>
</tr>
<tr>
<td><strong>Material discharge - max discharge height</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coarse fraction:</td>
<td>7’7”</td>
<td>11’8”</td>
</tr>
<tr>
<td>Fine fraction:</td>
<td>6’10”</td>
<td>11’8”</td>
</tr>
<tr>
<td><strong>Transport dimensions L x W x H</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transport dimensions Pintle:</td>
<td>32’0” x 8’4” x 13’1”</td>
<td>39’4” x 8’4” x 13’1”</td>
</tr>
<tr>
<td>Transport dimensions King-Pin:</td>
<td>9750 x 2550 x 4000 mm</td>
<td>12000 x 2550 x 4000 mm</td>
</tr>
<tr>
<td>Working dimensions Pintle:</td>
<td>38’1” x 19’11” x 9’10”</td>
<td>51’9” x 21’1” x 12’6”</td>
</tr>
<tr>
<td>Working dimensions King-Pin:</td>
<td>11613 x 6073 x 3001 mm</td>
<td>15762 x 6415 x 3797 mm</td>
</tr>
<tr>
<td>Weight:</td>
<td>~ 19,800 lbs</td>
<td>~ 38,000 lbs</td>
</tr>
<tr>
<td><strong>Throughput (dependent on material)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Throughput performance:</td>
<td>to 90 yd³/h</td>
<td>to 230 yd³/h</td>
</tr>
<tr>
<td></td>
<td>to 70 m³/h</td>
<td>to 175 m³/h</td>
</tr>
</tbody>
</table>

**Options**
- Conveyor extension
- Magnet drum
- Scraper for round brush
- Central lubrication
- Hopper pre-screening
- Hopper sensor controller
- Remote control
- Air suspension
- Feed device
- Attachment shoe
- Adjustable belt speed
- Noise insulation package
- Wind sifter

We reserve the right to make technical changes due to ongoing development. USA2018