Neuenhauser® 3F Track Starscreen

Technical Specification

Rev 2  01/17
# Neuenhauser® 3F Track Starscreen

## Specification

<table>
<thead>
<tr>
<th>Specification</th>
<th>3F Track</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Weight</strong></td>
<td>53,000 lbs</td>
</tr>
<tr>
<td><strong>Transport</strong></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>44’ 9”</td>
</tr>
<tr>
<td>Width</td>
<td>9’ 5”</td>
</tr>
<tr>
<td>Height</td>
<td>12’ 1”</td>
</tr>
<tr>
<td><strong>Working</strong></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>52’ 5”</td>
</tr>
<tr>
<td>Width</td>
<td>35’ 2”</td>
</tr>
<tr>
<td>Height</td>
<td>14’ 4”</td>
</tr>
<tr>
<td><strong>Screen deck</strong></td>
<td>22’ 6” x 4’ 1”</td>
</tr>
<tr>
<td><strong>Powerunit</strong></td>
<td>Diesel hydraulic drive</td>
</tr>
</tbody>
</table>

## Features

- High capacity (depending on feed size, mesh size and material type)
- Heavy duty tracks
- Emergency-shut off push button at control box and discharge belts
- Electronic engine control and monitoring on LCD display
- Hydraulically foldable discharge conveyors
- Fines conveyor width 36”
- Midsize conveyor width 36”
- Feeding hopper approx. 10 yds3
- Feed hopper is fitted a ripped drive belt to eliminate belt slippage
- Central lubrication points with optional self greaser
- Wireless remote control
- Optional remote start/stop
- Optional: Magnetic head drums, Auto greasing

All specification subject to change without prior notice
Neuenhauser® 3F Track Starscreen
Star Screen

**Hopper**
Capacity: 10yds³
Loading height: 9’ 6”
Belt width: 40”
Feed regulating auger with wear plates

**Screen Unit**

**Fines Star Deck**
Length : 22’ 6”   Width : 4’ 1”
Screen area: 93ft²
Star size : 170, 230, 287, 300mm
(6.8”, 9.1”, 11.3”, 11.8”)
Star options: Rubber, polyurethane & self cleaning stars
Quick change modular deck

**Over Star Deck**
Length : 12’   Width: 4’ 1”
Screen area: 48ft²
Speed : Variable 0 – 230 RPM
Star size : 230, 287, 300mm
(9.1”, 11.3”, 11.8”)
Star options: Rubber stars

**Powerunit**
Engine: John Deere diesel hydraulic drive
Performance: 130 kW/ 173 HP @ 2200rpm Tier 4 final
Cylinders: 4 cylinder water-cooled engine
Turbo-loaded with Air-to-air load cooling
Radiator: Flexaire reversible fan
Air clear: Turbo 2 cleaner

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Star Screen

**Hydraulics:**
- Danfoss hydraulic motors
- Steel hydraulic lines
- Variable speed belts and star deck

**Control Panel**
- Programmable controls
- Recipe optimisation
- Wireless remote control

**Discharge Belts**
- Vulcanized belts

**Fines Conveyor (wide & longer belt as std)**
- Width: 36”
- Discharge height: 11’ 5”
- Speed: Variable

**Midsize Conveyor (wide & longer belt as std)**
- Width: 36”
- Discharge height: 11’ 5”
- Speed: Variable

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Neuenhauser® 3F Track Starscreen

Options

Hopper:
4” Hydraulic tipping grid
4” Vibrating grid
Material spill plate

Hopper:
4” Vibrating grid

Star Deck
3F (additional deck)
Modular quick change fines decks
Star size: 170, 230, 287, 300mm
(6.8”, 9.1”, 11.3”, 11.8”)
Star options: Rubber, polyurethane & self cleaning stars

Windshifter
Used to remove lights such as plastics
Hydraulically folding

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Star Screen

**Dimensions**

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