Neuenhauser® NH6020H Trommel

Technical Specification

Rev 2 01/2017
# Neuenhauser® NH6020H XL Trommel Screen

## Specification

<table>
<thead>
<tr>
<th></th>
<th>NH6020H</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Weight</strong></td>
<td>42,000 lbs</td>
</tr>
<tr>
<td><strong>Transport</strong></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>43’</td>
</tr>
<tr>
<td>Width</td>
<td>8’ 4”</td>
</tr>
<tr>
<td>Height</td>
<td>13’ 1”</td>
</tr>
<tr>
<td><strong>Working</strong></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>53’</td>
</tr>
<tr>
<td>Width</td>
<td>20’</td>
</tr>
<tr>
<td>Height</td>
<td>13’ 1”</td>
</tr>
<tr>
<td><strong>Screen drum</strong></td>
<td>18’ x 6’ 7”</td>
</tr>
<tr>
<td><strong>Powerunit</strong></td>
<td>Diesel hydraulic drive</td>
</tr>
</tbody>
</table>

## Features

- Maximum feed size 6”
- High capacity 350yds/hr (depending on feed size, mesh size and material type)
- Wheel mounted unit with twin axle, 5th wheel tow
- Emergency-shut off push button at control box and discharge belts
- Electronic engine control and monitoring on LCD display
- Hydraulically foldable discharge conveyors
- Extra wide fines collecting conveyor belt, width 4’ 7”
- Side conveyor 16’ 4” long, width 40”, max. output 360 yds³/h
- Rear conveyor 16’ 4” long, width 40”, max. output 360 yds³/h
- Feeding hopper approx. 15 yds3
- Feed hopper is fitted a ripped drive belt no avoid belt slippage

All specification subject to change without prior notice
Neuenhauser® NH6020H XL
Trommel Screen

**Hopper**
- Capacity: 15 yd³ *(with 1 side extension)*
- Loading height: 10’
- Width: 16’ 4”
- Depth: 5’ 6”
- Belt width: 48”
- Performance: up to 350 yds *(depending on the material)*

**Trommel Drum**
- Length: 18’
- Height: 6’ 7”
- Screen area: 440ft²
- Construction: Punch Plate Spiral
- Drive: Chain & Sprocket
- Speed: Variable 0 – 21 RPM
- Type: Punch Plate and mesh drums

**Powerunit**
- Engine: John Deere diesel hydraulic drive
- Performance: 74 kW/ 100 HP @ 2200rpm
- Emissions: Tier 4 final
- Cylinders: 4 cylinder water-cooled engine Turbo-loaded with Air-to-air load cooling
- Capacity: 4.4 Liter
- Operating volts: 24V DC
- Radiator: Flexair reversible fan
- Air clear: Turbo pre cleaner

*All specifications subject to change without prior notice*
Neuenhauser® NH6020H XL
Trommel Screen

**Hydraulics:**
Danfoss hydraulic motors
Steel hydraulic lines
Variable speed belts and drum

**Discharge Belts**

**Over Size Conveyor**
- Width: 40”
- Length: 17’
- Discharge height: 13”
- Speed: 1.4 m/s
- Belt Specs: L75 EP400/3 3+1.5

**Fines Conveyor**
- Width: 40”
- Length: 17’
- Handover height: 11’ 4”
- Speed: 2.8 m/s
- Belt Specs: L75 EP 400/3 3+1.5 L30

1 piece belt to prevent spillage

All specification subject to change without prior notice
# Neuenhauser® NH6020H XL Trommel Screen

## Dimensions

<table>
<thead>
<tr>
<th>Description</th>
<th>NH6020H</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Weight</strong></td>
<td>42,000 lbs</td>
</tr>
<tr>
<td><strong>Transport</strong></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>43’</td>
</tr>
<tr>
<td>Width</td>
<td>8’ 4”</td>
</tr>
<tr>
<td>Height</td>
<td>13’ 1”</td>
</tr>
<tr>
<td><strong>Working</strong></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>53’</td>
</tr>
<tr>
<td>Width</td>
<td>20’</td>
</tr>
<tr>
<td>Height</td>
<td>13’ 1”</td>
</tr>
</tbody>
</table>

All specifications subject to change without prior notice.