TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Working Width (m)</th>
<th>No. of Tines</th>
<th>Tine Spacing (cm)</th>
<th>Power Req (hp)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS300</td>
<td>3.0</td>
<td>3</td>
<td>70 or 75</td>
<td>150 – 240</td>
</tr>
<tr>
<td></td>
<td>3.0</td>
<td>4</td>
<td>70 or 75</td>
<td>200 – 320</td>
</tr>
<tr>
<td></td>
<td>3.0</td>
<td>5</td>
<td>68 or 70</td>
<td>250 – 400</td>
</tr>
<tr>
<td></td>
<td>3.0</td>
<td>6</td>
<td>54 or 56</td>
<td>300 – 480</td>
</tr>
</tbody>
</table>

STANDARD FEATURES
- Auto Reset or Rigid Tine
- 50cm Utility Coulter
- Tillage depth from 20 to 45cm
- 97cm under frame tine clearance
- Adjustable Gauge Wheel with jack
- High Tensile Tubing

OPTIONAL EXTRAS
- No-Till Point with Straight Leg
- Berm Conditioner to break up clods, level and seal the soil behind the tines

The vertical tillage tool that eliminates compaction layers
The Great Plains Sub-Soiler is a vertical tillage tool that can be used in conventional, min-till or no-till farming systems. In conventional tillage regimes it can eliminate the compaction layers created by the plough, disc harrow or cultivator, which can adversely affect yields and form a barrier to essential moisture. In a no-till environment, the Sub-Soiler can first be used as a preparatory tool and then as a maintenance tool. Prior to phasing-in no-till, repairing the soil structure with the Sub-Soiler can help to protect yields. As well as maintaining a uniform soil structure, sub-soiling helps to keep soil organisms, such as worms, alive and reduces surface compaction from tractors and combines.

The Sub-Soiler works deep to maintain healthy soil structure with minimal surface disturbance. The 50cm utility coulters run ahead of each tine to cut residue and reduce plugging. The auto-reset tine is a 1.9cm thick spring steel tine, with its exclusive 25cm no-till point, provides maximum soil shatter with minimum surface disturbance. It will leave more than 90% of crop residue on the surface. The auto-reset version has a 1360kg horizontal trip force. The straight tine is a shear bolt protected tine with either 5cm or 17.5cm point provides good fracture under the surface but will give more surface disturbance. A no-till point is available with the straight tine where minimal surface disturbance is required. Once the working depth has been determined, the gauge wheel is set to prevent the Sub-Soiler from losing its pre-set depth. It runs ahead of the tip to control the depth even in undulating conditions.

150 - 480HP

3.0m

DOWN TO 450mm

The Sub-Soiler shatters the soil over the full width of the machine through lifting and resetting of the entire profile. The tines, arranged in a straight line to shatter horizontally between them, should be set 3-5cm below the plough pan to achieve best results.

A screw jack makes adjusting the gauge wheel a quick and simple task. The adjustable gauge wheel is set to prevent the Sub-Soiler from losing its pre-set depth. It runs ahead of the tip to control the depth even in undulating conditions.

www.greatplainsmfg.com