

SUB-SOILER™



Shown with Optional Pull Hitch

Vertical Tillage Tools

130" and 170" in-line SubSoiler.

The Sub-Soiler is another step in the evolution of Great Plains' vertical tillage family, designed to eliminate the compaction created by horizontal tillage tools such as discs and shovel equipped implements.

The simplest form of implements used today to loosen and destroy yield robbing and moisture rejecting compaction layers is the in-line subsoilers. Don't let this simplicity lead you to think that the Great Plains 1300 and 1700 In-line subsoilers are just another "me too" product.

We've "raised the bar" for the competition by using high tensile strength tubing with thicker walls. We've also developed our own unique no-till point, shank, and wear shin, which is equipped with a 3/4" wide spring steel shank that

minimizes surface disturbance while shattering more of the subsoil structure. Great Plains also offers a 1 1/4" width straight legged shank with 2", 5", and 7" winged points that are very aggressive on the topsoil structure, as well as, deep below the surface. Both shanks are available in spring reset or shear bolt versions. The various points will bury various amount of crop residue depending on how black you choose to turn your soil. Gauge wheels are stan-

dard equipment and do a great job of keeping your ripper points level at your pre-determined depth. Frame extensions can also be added to the base frame if your horsepower requirements change and you choose to add more shanks.



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Great Plains Sub-Soiler has unique features not found on any other machine.



Additional Features

Heavy Duty Gauge Wheels

Simple yet strong design allows for multiple depth settings. Wide, multiply tires help the subsoiler stay at the depth you set.



Shanks and Points

1 1/4" Straight



3/4" No-Till



The 1 1/4" Straight Leg Shanks offer minimal residue disturbance when equipped with 7" winged points you will see 45% residue.

3/4" No--Till Straight Leg Shanks offer shattering of the least amount of surface disturbance. With 8" no--till points only 21% residue mixing occurs.

Optional 3-Point Hitch

Our 3-point hitch is designed to change the subsoiler into a pull type unit. It ties into the frame of the subsoiler to act as one piece. Use it with any other 3-point implement to create a pull type machine.



Point Options

No-Till Point



All shank options offer a replaceable wear shin.

2" Wide Raised Fin 5" Winged Raised Fin 7" Winged Fin



Features

Features:

- Safety Lighting Kit
- High Tensile Tubing
- Multi-ply Gauge Wheel Tire
- Heavy Duty Gauge Wheel
- Safety Stand
- Field Proven Coulters

Options

Options:

- 2 Shank Options:**
 - 1 1/4" Straight Leg Shank
 - 3/4" Spring Steel Straight Shank
- 2 Trip Options:**
 - Spring Rest
 - Shear Bolt
 - 3-Point Hitch

Point Options

Point Options:

- 2" Raised Point (1 1/4" Shank Only)
- 2" Fin Point (1 1/4" Shank Only)
- 5" Raised Point (1 1/4" Shank Only)
- 5" Fin Point (1 1/4" Shank Only)
- 7" Raised Point (1 1/4" Shank Only)
- 7" Fin Point (1 1/4" Shank Only)
- No-Till Point (3/4" Shank Only)

Rigid 5 Shank & 7 Shank Verti-Till Specifications

Model Name	SS1300	SS1700
Number of Shanks	3, 4, 5*, 6*, 7*	5, 6*, 7*, 8*
Shank Spacing	30", 36", 38", 40"	30", 36", 38", 40"
Weight	3170lbs. (3 shank auto rest)	5509lbs. (7 shank auto reset)
Transport Width	11' - 18'	14' - 19' 5"
Transport Height	NA	NA
Length	39"	39"
Frame Clearance to tip of Shank	39"	39"
Drawbar HP Requirement	50 - 80 H.P. per shank depending on soil, moisture, depth, etc.	
Max. Working Depth	18"	18"

* Frame extension may be needed depending on shank spacing
 Note1: 7 Shank SS1300 Available in 30" spacing only
 Note2: 8 Shank SS1700 Available in 30" spacing only