

# Brillion

## Soil Builder II



For the past 30 plus years, the **Brillion Soil Builder** and **Super Soil Builder** coulters chisel have helped to convert thousands of farmers from the moldboard plow to a conservation tillage system. The new **Soil Builder II** was designed with today's "Conservation Tillage" farmer in mind. The **Soil Builder II** features larger cutting coulters, heavier shanks, greater trash clearance and stronger frames to handle today's heavier residue conditions and higher horsepower.

The front coulters are 25" in diameter and are located on 7.5" spacing. They do an excellent job of cutting residue in all conditions. The larger coulters will also offer years of service before they wear out. They are mounted on a 1-1/2" square gang bolt which features heavy duty toggle mounted bearings fastened to the frame by a "C-flex" riser. New heavy duty scrapers keep the gangs running trash free. The working depth of the coulters is easily controlled by

hydraulic cylinders which can move the gangs up and down over a 10" range.

The "Super Duty Shank" features a coil spring reset design with 10" of trip height. The shank assembly will hold the 4" twisted shovel in the soil in the toughest of conditions.

The shanks on 15" spacing feature 35" of under frame clearance. 42" between the three rows of shanks provides superior trash flow through the machine.

The heavy duty frame features a rockshaft supported on UHMW-PE axle bearings. These bearings are basically maintenance free over the life of the machine. 12.5L - 15 tires on walking tandem axles provide excellent flotation in the toughest working conditions. The single point depth control valve will allow working depth from 8" to 12". Ask your dealer about the new **Soil Builder II**, the conservation tillage tool for today's high horsepower farmer.

# **Brillion** *Soil Builder II*

SINGLE POINT  
DEPTH CONTROL

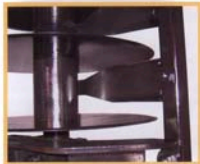


DRAWBAR LEVELING

HEAVY DUTY 96"  
DRAWBAR



7.5" COULTERS  
SPACING



SCRAPER



25" COULTERS WITH C-FLEX  
PROTECTION FROM ROCKS



HYDRA  
ADJUST

ROCK SHAFT WITH  
UHMW-PE AXLE BEARINGS  
MAINTENANCE FREE

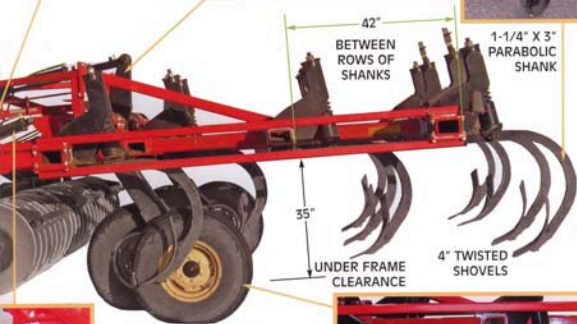


SINGLE POINT DEPTH  
CONTROL VALVE



SUPER  
DUTY  
SHANK

1-1/4" X 3"  
PARABOLIC  
SHANK



HYDRAULIC COUPLER  
COMPONENT



SEAL PROTECTORS



12.5L X 15 TIRES

## Soil Builder II Specifications

### Coulter Gang

25" Coulter Blades  
7.5" Coulter Blade Spacing  
Heavy Duty Scrapers  
C-Shank Spring Cushion Protection  
7-1/2" Solid Cast Iron Spacer Spools

Hydraulic Depth Adjustment  
10" Coulter Adjustment Range  
1-1/2" Square Gang Bolts  
Trunion Mounted Bearings

### Shank Assembly

35" Underframe Clearance  
1-1/4" x 3" Parabolic Shank  
15" Shank Spacings  
Heavy Duty Coil Spring Protection  
10" Trip Height  
8"-12" Operating Depth  
3 Rows of Shanks  
42" Between Rows of Shanks  
One piece 4" Twisted Shovels

### Frame

Walking Tandem Axles  
UHMW-PE Axle Bearings  
12.5L - 15 Tires  
W10 x 15" 6 Bolt Wheels  
A-Frame Drawbar 96"  
Safety Warning Lights  
Single Point Depth Control  
Bridged Frame Design  
Horsepower Requirements

### Benefits

Designed to slice through the toughest residue conditions.  
The best spacing to size the residue for better trash flow.  
Longer lasting.  
Protection from coulter breakage in rocky conditions.  
Provide enough weight (45 lbs. each) to cut through the toughest BT corn residue.  
Easy adjustment of cutting coulters.  
Coulters can be raised when not needed.  
Guarantees that coulters will not slide in wet conditions.  
Greater strength and reliability.

### Benefits

Extra clearance for good trash flow.  
Extra heavy duty shank to prevent breakage.  
Ideal spacing to remove compaction and bury residue.  
Protects the shanks in rocky conditions.  
Protects the shanks in rocky conditions.  
Normal operating depth for primary tillage.  
Extra clearance for good trash flow.  
Better trash flow.  
Standard equipment, the best shovel design for burying residue.

### Benefits

Creates a smooth ride in the field and during transport.  
Maintenance free rockshaft bearings eliminate wear.  
Excellent flotation in all field conditions.  
Rugged 6 bolt hubs for greater reliability.  
Long enough for short turns with dual tires.  
Protection when traveling after dark.  
Easier adjustments in the field.  
Greater strength.  
To pull at maximum depth requires a minimum of 20 - 25 HP per shank.

Model	Width of Cut	Number of Shanks	Number of Coulters	Machine Length	Approximate Weight
SBA209	11'3"	9	19	23'4"	9,372 lbs.
SBA211	13'9"	11	23	23'4"	10,800 lbs.
SBA213	16'3"	13	27	23'4"	11,800 lbs.



**Brillion Farm Equipment**

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FORM NO. SB I SB I

Specifications subject to change without notice

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