

STP-30 AND STP-38 STRIP TILL NON-FOLDING THREE POINT HITCH MODELS

The Brillion Three Point Hitch Strip Till units are available in 4, 6 and 8 shank models. Individual row units are set up on 30" or 38" centers. Each of the row units features a double coulters with 20" fluted blades that are designed to cut and size the residue while starting to prepare the soil in the strip. A narrow shank follows the lead coulters at a depth between 7" to 12". This shank can be equipped with fertilizer injection tubes to apply either liquid or dry fertilizer in the "strip" directly under the seed. A pair of adjustable closing coulters follow the shanks to bring loose soil back into the "strip" and help to maintain the integrity of the seeding environment. An optional seedbed firming kit completes the task of preparing the seedbed by firming the "strip" for optimum planting performance. Gauge wheels are not required if you are using lift assist.

To complete a unit: Order the base machine, points and wearstrips, seedbed firming kits and gauge wheels. Row markers and fertilizer tubes are available as optional equipment.

Horsepower Requirements: 25 - 30 HP per shank.
Approximate Set-Up Time: 1.5 hours per shank

Operating Speed: 5-10 MPH
Operating Depth: 7" - 12"

STANDARD EQUIPMENT

Front Toolbar 5" x 7" x 3/8"	Safety Light Bar
Rear Toolbar 4" x 6" x 3/8"	Leading Double 20" Wavy Coulters
Auto-reset Shank or Shear Bolt Shank w/3/4" Straight Leg	Support Arms and 20" Wavy Closing Coulters
Chisel Plow Shank w/18" Strip Till Fertilizer Knife	Lift Assist and Rear Hitch Standard on STP-830 only

Model No.	Description	Number of Shanks	Shank Spacing	Toolbar Length	Approximate Weight	Suggested List Price
AUTO-RESET STRAIGHT LEG MODELS						
STP-430	4 Row - 30" Row Spacing	4	30"	150"	5,360 lbs.	
STP-438	4 Row - 38" Row Spacing	4	38"	176"	5,500 lbs.	
STP-630	6 Row - 30" Row Spacing	6	30"	210"	7,545 lbs.	
STP-638	6 Row - 38" Row Spacing	6	38"	257"	7,900 lbs.	
STP-830	8 Row - 30" Row Spacing	8	30"	270"	9,650 lbs.	
SHEAR BOLT STRAIGHT LEG MODELS						
STPR-430	4 Row - 30" Row Spacing	4	30"	150"	4,480 lbs.	
STPR-438	4 Row - 38" Row Spacing	4	38"	176"	4,620 lbs.	
STPR-630	6 Row - 30" Row Spacing	6	30"	210"	6,225 lbs.	
STPR-638	6 Row - 38" Row Spacing	6	38"	257"	6,580 lbs.	
STPR-830	8 Row - 30" Row Spacing	8	30"	270"	7,890 lbs.	
AUTO-RESET CHISEL PLOW SHANK MODELS						
STPC-430	4 Row - 30" Row Spacing	4	30"	150"	4,144 lbs.	
STPC-438	4 Row - 38" Row Spacing	4	38"	176"	4,284 lbs.	
STPC-630	6 Row - 30" Row Spacing	6	30"	210"	5,721 lbs.	
STPC-638	6 Row - 38" Row Spacing	6	38"	257"	6,076 lbs.	
STPC-830	8 Row - 30" Row Spacing	8	30"	270"	7,218 lbs.	
OPTIONS						
POINTS, WEARSTRIPS & FERTILIZER KNIFE						
9K-076	Flat Point w/hardware for Straight Leg				13 lbs.	
9K-709	Finned Point w/hardware for Straight Leg				16 lbs.	
7K-669	Wearstrip for 3/4" Straight Leg				6 lbs.	
1P-044	18" Fertilizer Knife w/hardware for Chisel Plow Shank				12 lbs.	
SEEDBED FIRING KITS						
7K-874	20" Basket Assembly				130 lbs.	
7K-924	20" Optimizer Wheel Kit				192 lbs.	
7K-925	20" Ductile Wheel Kit				182 lbs.	
FERTILIZER TUBE KITS FOR STRAIGHT LEG (SPOT WELD TO BACK OF SHANK)						
9K-861	Liquid Tube Kit - 1/2" Stainless Steel Tube (order one per row)				3 lbs.	
9K-860	Dry Fertilizer Tube Kit - 1" Tube (order one per row)				4 lbs.	
9K-862	Combination Dry/Liquid Tube Kit (order one per row)				5 lbs.	

More options and components on following page.

Model No.	Description	Approximate Weight	Suggested List Price
ROW MARKERS			
9K-950	Row Marker for STP-430	800 lbs.	
9K-953	Row Marker for STP-438	800 lbs.	
9K-951	Row Marker for STP-630	800 lbs.	
9K-952	Row Marker for STP-638 & STP-830	900 lbs.	
GAUGE WHEEL KITS			
9K-933	Turnbuckle Adjust Gauge Wheel Kit with 2 – 11L x 15 Tires	662 lbs.	
7K-944	Manual Adjust Gauge Wheel Kit with 2 – 9.5L Tires	355 lbs.	
PULL-TYPE CARRIERS			
300	Carrier to Convert 3-point to Pull-Type (300 HP Rating)	2,200 lbs.	
450	HD Carrier to Convert 3-point to Pull-Type (450 HP Rating) *Call for availability.	2,650 lbs.	
LIFT ASSIST KITS AND MAST KIT			
9K-999	Lift Assist Kit for 30" Row Spacing with 2 – 12.5L x 16 Tires (includes rear hitch) (9K-999 kit is standard on STP-830)	2,370 lbs.	
9K-871	Lift Assist Kit for 38" Row Spacing with 2 – 12.5L x 16 Tires	2,377 lbs.	
9K-934	Mast Kit w/hardware (Deduct from 4 and 6 shank if you are ordering lift assist wheels)	260 lbs.	
REAR HITCH KITS			
9K-865	Rear Hitch for 30" Row Spacing	415 lbs.	
9K-869	Rear Hitch for 38" Row Spacing	425 lbs.	
COMPONENTS			
SHANK ASSEMBLIES FOR 4" X 6" TOOLBARS			
9K-900	Spring Reset Assembly (order 9K-547 shank, point & wearstrip to complete)	330 lbs.	
9K-547	3/4" Straight Leg – for 9K-900 Spring Reset Assembly (less points & wearstrip)	59 lbs.	
9K-940	Shear-bolt Assembly (order 1P-050 shank, point & wearstrip to complete)	112 lbs.	
1P-050	3/4" Straight Leg – for 9K-940 Shear-bolt Assembly (less point & wearstrip)	60 lbs.	
1P-046	Double Spring Chisel Plow Shank Assembly (includes shank & fertilizer knife)	75 lbs.	
1P-041	Chisel Shank (less fertilizer knife)	23 lbs.	
LEAD COULTER KITS			
9K-721	20" 13 Wave Double Coultter Kit (standard)	198 lbs.	
9K-325	22" Single Lead Coultter Kit	119 lbs.	
CLOSING COULTER KITS			
7K-873	20" 13 Wave Coultter Kit (standard)	131 lbs.	
7K-928	Concave Disc Kit with 20" Plain Disc Blade	132 lbs.	
OPTIONAL COMPONENTS FOR CLOSING COULTERS			
6K-135	20" Plain Concave Disc Blade	15 lbs.	Order as Repair Parts
6K-136	20" Notched Concave Disc Blade	14 lbs.	
7K-852	20" 13 Wave Straight Coultter	15 lbs.	
9K-407	20" Notched Straight Coultter (3/16" Abrasion Resistant Steel)	12 lbs.	

ST-30 STRIP TILL SYSTEM

The Brillion Strip Till ST-30 is available in 12 row and 16 row sizes. Individual row units are set up on 30" centers. Each of the row units includes a double coulter with 20" fluted blades that are designed to cut and size the residue while starting to prepare the "strip." A 3/4" narrow disturbance shank on an automatic reset mount follows the lead coulters at a depth of between 6" and 10". This shank can be equipped with fertilizer injection equipment to apply either liquid or dry fertilizer in the "strip" directly under the seed. A pair of adjustable closing coulters, follow the shanks to bring loose soil back into the "strip" and help to maintain the integrity of the seeding environment. The optional 20" rolling basket completes the task of preparing the seed bed by firming the "strip" for optimum planting performance. The ST-30 is built on a massive frame that folds hydraulically and is carried by (12) 16.5L-16.1 tires. A 1000 gallon liquid tank is standard equipment and is mounted on the frame. The ST-30 system is capable of performing in nearly all types of tillage from no-till to conventional and everything in between. The ST-30 Series of Strip Tillage machines are designed from the ground up for high capacity, high efficiency operations that demand commercial quality durability from their tillage equipment.

STANDARD EQUIPMENT

Double Coulters (13 wave 20")	Transport Height 14'3" (12 shank) 15' (16 shank)
ST30 Auto Reset Shank	(8) 16.5 L-16.1 Tires on Center Frame
11" ST Shank Trip Height	(4) 16.5 L-16.1 Tires on Wing Frame
Additional Shear Bolt Protection	8 Bolt 6,000 # Wheels
3/4" Straight Leg Shank	Hydraulic Lift Cylinders (2) 5" x 48"
33" Underframe Shank Clearance	Hydraulic Fold Cylinders (4) 4" x 30"
Adjustable Closing Coulters (13 wave 20")	Road Clearance 7"
Safety Light Kit	Overall Length Transport 27' Operation 35'9"
Down Pressure Kit on Wings	1000 Gallon Tank w/Saddle
10" x 10" Drawbar	(Does not include plumbing beyond the tank outlet)
Adjustable Shank Penetration Angle	(Points and Wearstrips not included)
Transport Width 20'	

Operating Speed: 5-10 mph **Horsepower Requirements: 20-30 HP Per Shank** **Operating Depth: 6-10"**
 (Set Up Time: 12 Row - 36 Hours; 16 Row - 40 Hours. Note: Some set up operations require 2 persons)

Model No.	Description	Approx. Weight	Suggested List Price
AUTO-RESET SHANKS			
ST-1230	12 Row – 30" Row Spacing	25,234 lbs.	
ST-1630	16 Row – 30" Row Spacing	30,065 lbs.	
SHEAR BOLT SHANKS			
STR-1230	12 Row – 30" Row Spacing	23,434 lbs.	
STR-1630	16 Row – 30" Row Spacing	27,665 lbs.	
OPTIONS			
POINTS & WEARSTRIPS			
9K-076	Flat Point w/hardware for 3/4" Straight Leg (recommended for fall tillage)	13 lbs.	
9K-709	Finned Point w/hardware for 3/4" Straight Leg (recommended for less soil disturbance)	16 lbs.	
7K-669	Wearstrip for 3/4" Straight Leg	6 lbs.	
SEEDBED FIRING KITS			
7K-874	20" Basket Assembly	130 lbs.	
7K-924	20" Optimizer Wheel Kit	192 lbs.	
7K-925	20" Ductile Wheel Kit	182 lbs.	
FERTILIZER TUBE KITS FOR STRAIGHT LEG (SPOT WELD TO BACK OF SHANK)			
9K-861	Liquid Tube Kit – 1/2" Stainless Steel Tube (order one per row)	3 lbs.	
9K-860	Dry Fertilizer Tube Kit – 1" Tube (order one per row)	4 lbs.	
9K-862	Combination Dry/Liquid Tube Kit (order one per row)	5 lbs.	
REAR HITCH KIT			
9K-544	Rear Hitch Kit	233 lbs.	

Model No.	Description	Approx. Weight	Suggested List Price
COMPONENTS			
SHANK ASSEMBLIES FOR 4" X 4" TOOLBARS			
9K-667	Spring Reset Assembly (order 9K-547 shank, point & wearstrip to complete)	320 lbs.	
9K-547	3/4" Straight Leg (less point & wearstrip)	59 lbs.	
1P-049	Shear-bolt Assembly (order 1P-050 shank, point & wearstrip to complete)	107 lbs.	
1P-050	3/4" Straight Leg (less point & wearstrip)	60 lbs.	
LEAD COULTER KITS			
9K-721	20" 13 Wave Double Coulter Kit (standard)	198 lbs.	
9K-325	22" Single Lead Coulter Kit	119 lbs.	
CLOSING COULTER KITS			
7K-873	20" 13 Wave Coulter Kit (standard)	131 lbs.	
7K-928	Concave Disc Kit with 20" Plain Disc Blade	132 lbs.	
OPTIONAL COMPONENTS FOR CLOSING COULTERS			
6K-135	20" Plain Concave Disc Blade	15 lbs.	Order as Repair Parts
6K-136	20" Notched Concave Disc Blade	14 lbs.	
7K-852	20" 13 Wave Straight Coulter	15 lbs.	
9K-407	20" Notched Straight Coulter (3/16" Abrasion Resistant Steel)	12 lbs.	
FERTILIZER TANK			
9K-551	1000 Gallon Tank	150 lbs.	
9K-552	Tank Saddle	200 lbs.	