Brillion™
Farm Equipment
A LANDOLL PRODUCT

ZONE COMMANDER

- In-Line Deep Tillage Machine
- Three to Eight Shank Three-Point Hitch Models Available
- Heavy-Duty Welded Frame
- Maximum Working Depth of 20″ with Minimal Surface Disturbance
- Various Coulter and Shank Options Available

MADE IN THE USA

Brillion™
Farm Equipment

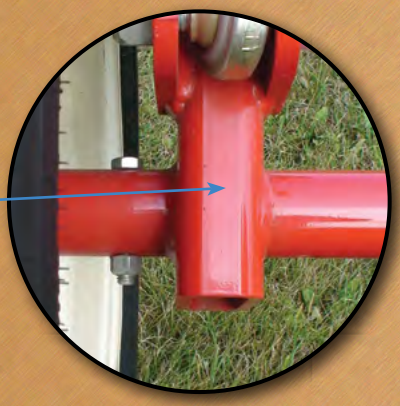
www.brillionfarmeq.com

ZONE COMMANDER

Heavy-Duty Auto-Reset Shanks provide 1,600 lbs. of Point Trip Force.

Replaceable Points and Wearstrips are optional equipment.

Bolt-In Spindles on Gauge Wheels



Turnbuckle Gauge Wheels are standard equipment and are equipped with 11L x 15 8 Ply tires.

AUTO-RESET SHANK OPTION WITH SHEAR BOLT BACK-UP

Pre-Set Dual Coil Reset Springs

16" Auto-Reset Trip Height

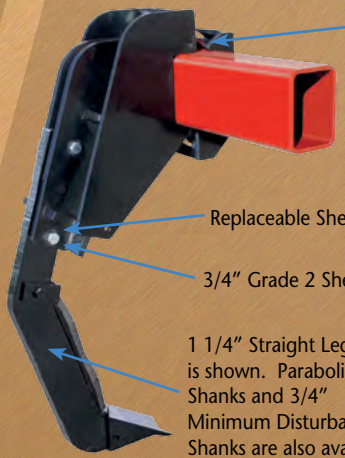
Replaceable Shear Bushings

1 1/4" Straight Leg Shank is shown. Parabolic Shanks and 3/4" Minimum Disturbance Shanks are also available.

3/4" Grade 2 Shear Bolt

RIGID SHANK OPTION WITH SHEAR BOLT PROTECTION

1" Grade 5 Shank Mount Bolts are standard on all models.

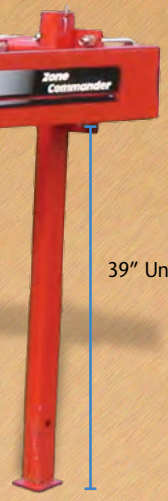


Replaceable Shear Bushings

3/4" Grade 2 Shear Bolt

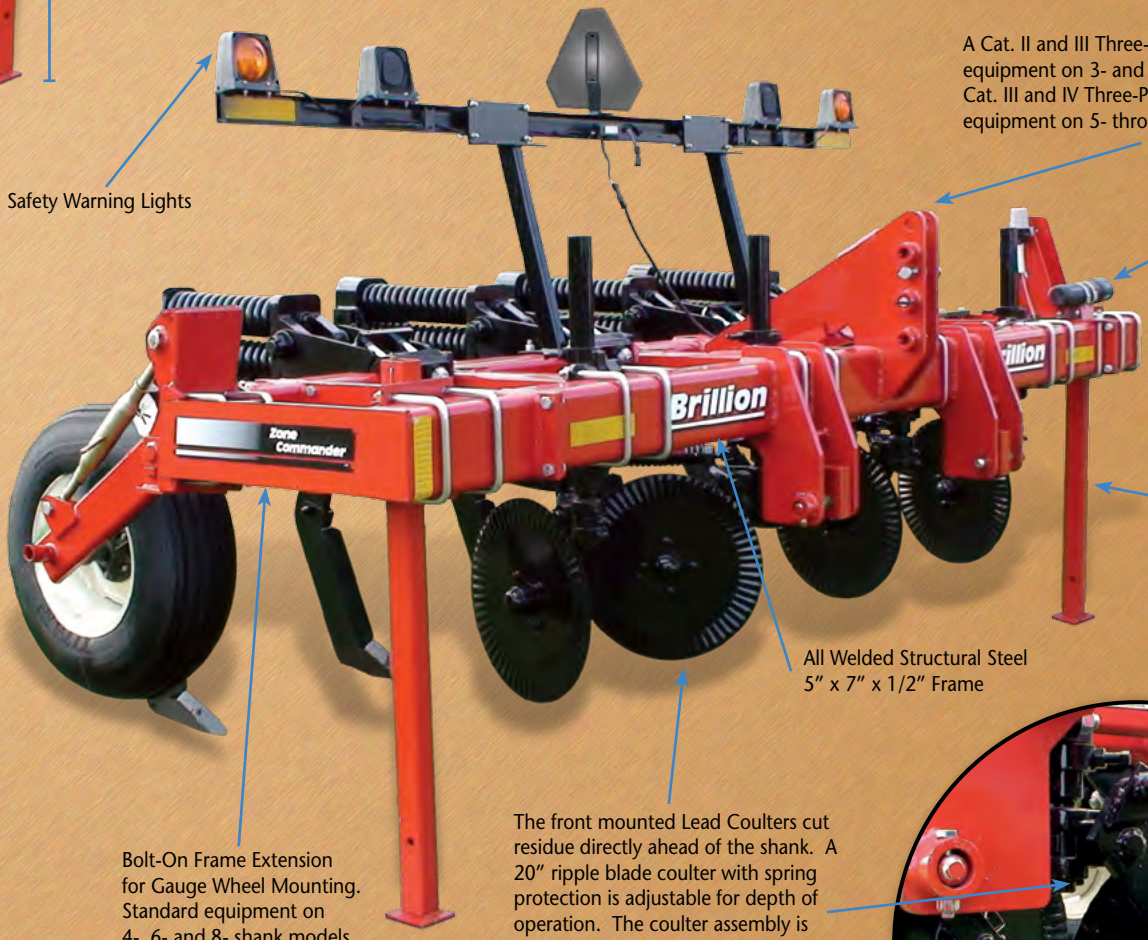
1 1/4" Straight Leg Shank is shown. Parabolic Shanks and 3/4" Minimum Disturbance Shanks are also available.

The Brillion Zone Commander is a compaction management tool designed to address soil compaction issues within the growth profile in a controlled manner and defined area. The heart of the Brillion Zone Commander is the straight leg shank assembly. Whether in a shear bolt or auto-reset configuration, the straight leg shank's design will attack the compaction layers down to a depth of 20" with minimal surface and residue disturbance. When equipped with the C.A.D.I. points and wearstrips, the geometry of the shank and point in relation to the soil layers, provides a lifting and loosening action that opens up multiple avenues for water, oxygen and root systems to infiltrate the profile. The large diameter lead coulters cut the residue directly ahead of the shanks for plug free operation. The thin slice in the soil initiates the opening for the shank to perform its task. This combination will afford a controlled system of compaction management at the row spacing and depth chosen.



39" Under Frame Clearance

Model ZS-4302 Shown with Optional Points and Wearstrips



Safety Warning Lights

A Cat. II and III Three-Point Hitch is standard equipment on 3- and 4- shank models; a Cat. III and IV Three-Point Hitch is standard equipment on 5- through 8- shank models.

Operator's Manual Storage Canister

Self-Storing Integral Parking Stands

All Welded Structural Steel 5" x 7" x 1/2" Frame

Bolt-On Frame Extension for Gauge Wheel Mounting. Standard equipment on 4-, 6- and 8- shank models with 30" spacing; optional on all other models.

The front mounted Lead Coulters cut residue directly ahead of the shank. A 20" ripple blade coulter with spring protection is adjustable for depth of operation. The coulter assembly is mounted to a 2 1/4" standard and will also pivot within its range.

Versatility and Reliability

The investment in a Brillion Zone Commander is more than just another "ripper". Take full advantage of the built-in versatility that the Zone Commander provides by utilizing its full range of shank leg options. The 1 ¼" straight leg shank is the most common. However, the Zone Commander can be transformed into a minimum disturbance tillage machine by installing the minimum disturbance shank, point and wearstrip on the shank mounts. In areas that are relatively o
open the hardpan layers
ment leaving a more tran

Another option that is ava
the Zone Commander int
machine. Some custome

SPECIFICATIONS

	ZS-3302, ZP-3302, ZSR-3302, ZPR-3302	ZS-4302, ZP-4302, ZSR-4302, ZPR-4302	ZS-4362, ZP-4362, ZSR-4362, ZPR-4362	ZS-5302, Z ZSR-5302, Z
Approximate Weight	ZS-3302: 3,701 lbs. (1,679 kg)	ZS-4302: 4,701 lbs. (2,132 kg)	ZS-4362: 4,839 lbs. (2,195 kg)	ZS-5302: 5,930 l
	ZP-3302: 3,653 lbs. (1,657 kg)	ZP-4302: 4,637 lbs. (2,103 kg)	ZP-4362: 4,776 lbs. (2,166 kg)	ZP-5302: 5,850 l
	ZSR-3302: 2,948 lbs. (1,337 kg)	ZSR-4302: 3,697 lbs. (1,677 kg)	ZSR-4362: 3,820 lbs. (1,733 kg)	ZSR-5302: 4,675
	ZPR-3302: 2,888 lbs. (1,310 kg)	ZPR-4302: 3,617 lbs. (1,641 kg)	ZPR-4362: 3,756 lbs. (1,704 kg)	ZPR-5302: 4,575
Working Width	7 ft. 6 in. (2.25 m)	10 ft. 0 in. (3.0 m)	12 ft. 0 in, 12 ft. 9 in., 13 ft. 4 in. (3.6, 3.8, 4.0 m)	12 ft. 6 in. (
Transport Width	9 ft. 9 in. (2.93 m)	12 ft. 6 in. (3.75 m)	14 ft. 9 in. (4.43 m)	14 ft. 9 in. (
Overall Height	6 ft. 2 in. (1.85 m)	6 ft. 2 in. (1.85 m)	6 ft. 2 in. (1.85 m)	6 ft. 2 in. (
Overall Length	ZS-3302/ZP-3302: 6 ft. 11 in. (2.1 m)	ZS-4302/ZP-4302: 6 ft. 11 in. (2.1 m)	ZS-4362/ZP-4362: 6 ft. 11 in. (2.1 m)	ZS-5302/ZP-5302: 6
	ZSR-3302/ZPR-3302: 6 ft. 6 in. (2.0 m)	ZSR-4302/ZPR-4302: 6 ft. 6 in. (2.0 m)	ZSR-4362/ZPR-4362: 6 ft. 6 in. (2.0 m)	ZSR-5302/ZPR-5302:
Coulter Assemblies	Standard	Standard	Standard	Standa
Coulter Blade Diameter	20 in. (500 mm)	20 in. (500 mm)	20 in. (500 mm)	20 in. (50
Coulter Protection	Coil Spring Cushion	Coil Spring Cushion	Coil Spring Cushion	Coil Spring
Number of Shanks	3	4	4	5
Shank Type	ZS-3302/ZP-3302: Auto-Reset with Shear Bolt Backup	ZS-4302/ZP-4302: Auto-Reset with Shear Bolt Backup	ZS-4362/ZP-4362: Auto-Reset with Shear Bolt Backup	ZS-5302/ZP-530 with Shear Bo
	ZSR-3302/ZPR-3302: Rigid Mount with Shear Bolt	ZSR-4302/ZPR-4302: Rigid Mount with Shear Bolt	ZSR-4362/ZPR-4362: Rigid Mount with Shear Bolt	ZSR-5302/ZPR-530 with Shea
Shear Bolt Size	.75 in. x 5 in. (19.05 mm x 125 mm) Gr.2	.75 in. x 5 in. (19.05 mm x 125 mm) Gr.2	.75 in. x 5 in. (19.05 mm x 125 mm) Gr.2	.75 in. x 5 in. (19.05 m
Shank Leg Type (ZS Models)	Straight 1.25 in. x 4.7 in. (31.75 x 119 mm)	Straight 1.25 in. x 4.7 in. (31.75 x 119 mm)	Straight 1.25 in. x 4.7 in. (31.75 x 119 mm)	Straight 1.25 i (31.75 x 1
Shank Leg Type (ZP Models)	Parabolic 1.25 in. x 3 in. (31.75 x 75 mm)	Parabolic 1.25 in. x 3 in. (31.75 x 75 mm)	Parabolic 1.25 in. x 3 in. (31.75 x 75 mm)	Parabolic 1.25 in. x 3 i
Shank Spacing	30 in. (750 mm)	30 in. (750 mm)	36 in. (914 mm)	30 in. (75
Shank Working Depth	Maximum of 20 in. (500 mm)	Maximum of 20 in. (500 mm)	Maximum of 20 in. (500 mm)	Maximum of 20
Shank Trip Height	16 in. (400 mm)	16 in. (400 mm)	16 in. (400 mm)	16 in. (40
Point Trip Force	ZS-3302/ZP-3302: 1,600 lbs. (726 kg)	ZS-4302/ZP-4302: 1,600 lbs. (726 kg)	ZS-4362/ZP-4362: 1,600 lbs. (726 kg)	ZS-5302/ZP-5302: 1
	ZSR-3302/ZPR-3302: NA	ZSR-4302/ZPR-4302: NA	ZSR-4362/ZPR-4362: NA	ZSR-5302/ZPR
Under Frame Clearance	39 in. (975 mm)	39 in. (975 mm)	39 in. (975 mm)	39 in. (97
Frame Structure	5 in. x 7 in. x .5 in. (125 x 175 x 12.7 mm)	5 in. x 7 in. x .5 in. (125 x 175 x 12.7 mm)	5 in. x 7 in. x .5 in. (125 x 175 x 12.7 mm)	5 in. x 7 in. (125 x 175 x
Points Available				
	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point	2 in. (50.8 mm) V C.A.D.I.
	2.5 in. (62.5 mm) Flat Steel Point	2.5 in. (62.5 mm) Flat Steel Point	2.5 in. (62.5 mm) Flat Steel Point	2.5 in. (62.5 mm)
	2.5 in. (62.5 mm) Cast Alloy Steel Capped Point	2.5 in. (62.5 mm) Cast Alloy Steel Capped Point	2.5 in. (62.5 mm) Cast Alloy Steel Capped Point	2.5 in. (62.5 mm) Capped
	7 in. (178 mm) Winged Alloy Steel Capped Point	7 in. (178 mm) Winged Alloy Steel Capped Point	7 in. (178 mm) Winged Alloy Steel Capped Point	7 in. (178 mm) Wi Capped
	10 in. (250 mm) Winged Alloy Steel Capped Point	10 in. (250 mm) Winged Alloy Steel Capped Point	10 in. (250 mm) Winged Alloy Steel Capped Point	10 in. (250 mm) W Capped
Wearstrips Available				
For Straight Leg Shanks	Reversible Cast C.A.D.I. Wearstrip*	Reversible Cast C.A.D.I. Wearstrip*	Reversible Cast C.A.D.I. Wearstrip*	Reversible Cast C.A
For Parabolic Shanks	Flat Wearstrip	Flat Wearstrip	Flat Wearstrip	Flat Wea
For Parabolic Shanks	V-Shaped Alloy Wearstrip	V-Shaped Alloy Wearstrip	V-Shaped Alloy Wearstrip	V-Shaped Alloy
Three-Point Hitch	Cat. II and III	Cat. II and III	Cat. II and III	Cat. III a
Safety Warning Lights & SMV Emblem	Standard	Standard	Standard	Standa
Coverboard Kit	Optional	Optional	Optional	Optio
3/4 in. (25 Degree) Shank Leg (Point & Wearstrip Available)	Optional	Optional	Optional	Optio
Turnbuckle Gauge Wheels	Standard	Standard	Standard	Standa
Tire Size	11L x 15 8 Ply	11L x 15 8 Ply	11L x 15 8 Ply	11L x 15
22 in. (550 mm) Single Coulter	Optional	Optional	Optional	Optio
20 in. (500 mm) Dual Coulter Kit	Optional	Optional	Optional	Optio
Offset Coulter Bracket Kit	NA	NA	Optional	NA
Frame Extension Kit	Optional, For Gauge Wheel Mounting Only	Standard, For Gauge Wheel Mounting Only	Optional, For Gauge Wheel Mounting Only	Optio For Gauge Wheel
Horsepower Requirements	50 to 80 HP (37 kW to 60 kW) Per Shank	50 to 80 HP (37 kW to 60 kW) Per Shank	50 to 80 HP (37 kW to 60 kW) Per Shank	50 to 80 HP (37 kW to
Recommended Operating Speed	3.5 to 4.5 MPH (5.63 to 7.24 km/h)	3.5 to 4.5 MPH (5.63 to 7.24 km/h)	3.5 to 4.5 MPH (5.63 to 7.24 km/h)	3.5 to 4.5 MPH (5.6

Tang of wearstrip may need to be modified for use with 2.5 in., 7 in., and 10 in. points.

Specifications subject to change w

bstruction free, the minimum disturbance shank will with very little surface disturbance or residue move- quil environment to plant into.

ilable is the parabolic style shank. This shank converts to a more conventional style of an in-line deep tillage rs prefer to have the capability of deep tilling with the rolling and boiling action of the soil structure to suit their needs. This type of tillage is sometimes preferred when incorporating manure into the soil profile or breaking sod. When the parabolic shanks are equipped with optional adjustable coverboards, additional coverage of the residue is possible.

The Brillion Zone Commander…one machine…three distinctly different tools. Versatility and reliability you can count on.

ZP-5302, ZPR-5302	ZS-6302, ZP-6302, ZSR-6302, ZPR-6302	ZS-6362, ZP-6362, ZSR-6362, ZPR-6362	ZS-7302, ZP-7302, ZSR-7302, ZPR-7302	ZS-8302, ZP-8302, ZSR-8302, ZPR-8302
bs. (2,690 kg)	ZS-6302: 6,388 lbs. (2,898 kg)	ZS-6362: 6,640 lbs. (3,012 kg)	ZS-7302: 7,244 lbs. (3,286 kg)	ZS-8302: 8,194 lbs. (3,717 kg)
bs. (2,654 kg)	ZP-6302: 6,292 lbs. (2,854 kg)	ZP-6362: 6,544 lbs. (2,968 kg)	ZP-7302: 7,132 lbs. (3,235 kg)	ZP-8302: 8,066 lbs. (3,659 kg)
lbs. (2,121 kg)	ZSR-6302: 4,882 lbs. (2,214 kg)	ZSR-6362: 5,134 lbs. (2,329 kg)	ZSR-7302: 5,487 lbs. (2,489 kg)	ZSR-8302: 6,186 lbs. (2,806 kg)
lbs. (2,075 kg)	ZPR-6302: 4,762 lbs. (2,160 kg)	ZPR-6362: 5,014 lbs. (2,274 kg)	ZPR-7302: 5,347 lbs. (2,425 kg)	ZPR-8302: 6,026 lbs. (2,733 kg)
(3.75 m)	15 ft. 0 in. (4.5 m)	18 ft. 0 in., 19 ft. 0 in., 20 ft. 0 in. (5.4, 5.7, 6.0 m)	17 ft. 6 in. (5.25 m)	20 ft. 0 in. (6.0 m)
(4.43 m)	17 ft. 6 in. (5.25 m)	19 ft. 9 in. (5.93 m)	19 ft. 9 in. (5.93 m)	22 ft. 6 in. (6.75 m)
1.85 m)	6 ft. 2 in. (1.85 m)	6 ft. 2 in. (1.85 m)	6 ft. 2 in. (1.85 m)	6 ft. 2 in. (1.85 m)
ft. 11 in. (2.1 m)	ZS-6302/ZP-6302: 6 ft. 11 in. (2.1 m)	ZS-6362/ZP-6362: 6 ft. 11 in. (2.1 m)	ZS-7302/ZP-7302: 6 ft. 11 in. (2.1 m)	ZS-8302/ZP-8302: 6 ft. 11 in. (2.1 m)
6 ft. 6 in. (2.0 m)	ZSR-6302/ZPR-6302: 6 ft. 6 in. (2.0 m)	ZSR-6362/ZPR-6362: 6 ft. 6 in. (2.0 m)	ZSR-7302/ZPR-7302: 6 ft. 6 in. (2.0 m)	ZSR-8302/ZPR-8302: 6 ft. 6 in. (2.0 m)
ard	Standard	Standard	Standard	Standard
0 mm)	20 in. (500 mm)	20 in. (500 mm)	20 in. (500 mm)	20 in. (500 mm)
Cushion	Coil Spring Cushion	Coil Spring Cushion	Coil Spring Cushion	Coil Spring Cushion
	6	6	7	8
2: Auto-Reset olt Backup	ZS-6302/ZP-6302: Auto-Reset with Shear Bolt Backup	ZS-6362/ZP-6362: Auto-Reset with Shear Bolt Backup	ZS-7302/ZP-7302: Auto-Reset with Shear Bolt Backup	ZS-8302/ZP-8302: Auto-Reset with Shear Bolt Backup
02: Rigid Mount ar Bolt	ZSR-6302/ZPR-6302: Rigid Mount with Shear Bolt	ZSR-6362/ZPR-6362: Rigid Mount with Shear Bolt	ZSR-7302/ZPR-7302: Rigid Mount with Shear Bolt	ZSR-8302/ZPR-8302: Rigid Mount with Shear Bolt
mm x 125 mm) Gr.2	.75 in. x 5 in. (19.05 mm x 125 mm) Gr.2	.75 in. x 5 in. (19.05 mm x 125 mm) Gr.2	.75 in. x 5 in. (19.05 mm x 125 mm) Gr.2	.75 in. x 5 in. (19.05 mm x 125 mm) Gr.2
in. x 4.7 in. 19 mm)	Straight 1.25 in. x 4.7 in. (31.75 x 119 mm)	Straight 1.25 in. x 4.7 in. (31.75 x 119 mm)	Straight 1.25 in. x 4.7 in. (31.75 x 119 mm)	Straight 1.25 in. x 4.7 in. (31.75 x 119 mm)
n. (31.75 x 75 mm)	Parabolic 1.25 in. x 3 in. (31.75 x 75 mm)	Parabolic 1.25 in. x 3 in. (31.75 x 75 mm)	Parabolic 1.25 in. x 3 in. (31.75 x 75 mm)	Parabolic 1.25 in. x 3 in. (31.75 x 75 mm)
0 mm)	30 in. (750 mm)	36 in. (914 mm)	30 in. (750 mm)	30 in. (750 mm)
in. (500 mm)	Maximum of 20 in. (500 mm)	Maximum of 20 in. (500 mm)	Maximum of 20 in. (500 mm)	Maximum of 20 in. (500 mm)
0 mm)	16 in. (400 mm)	16 in. (400 mm)	16 in. (400 mm)	16 in. (400 mm)
,600 lbs. (726 kg)	ZS-6302/ZP-6302: 1,600 lbs. (726 kg)	ZS-6362/ZP-6362: 1,600 lbs. (726 kg)	ZS-7302/ZP-7302: 1,600 lbs. (726 kg)	ZS-8302/ZP-8302: 1,600 lbs. (726 kg)
R-5302: NA	ZSR-6302/ZPR-6302: NA	ZSR-6362/ZPR-6362: NA	ZSR-7302/ZPR-7302: NA	ZSR-8302/ZPR-8302: NA
5 mm)	39 in. (975 mm)	39 in. (975 mm)	39 in. (975 mm)	39 in. (975 mm)
. x .5 in. 12.7 mm)	5 in. x 7 in. x .5 in. (125 x 175 x 12.7 mm)	5 in. x 7 in. x .5 in. (125 x 175 x 12.7 mm)	5 in. x 7 in. x .5 in. (125 x 175 x 12.7 mm)	5 in. x 7 in. x .5 in. (125 x 175 x 12.7 mm)
V-Shaped Cast Point	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point
Flat Steel Point	2.5 in. (62.5 mm) Flat Steel Point	2.5 in. (62.5 mm) Flat Steel Point	2.5 in. (62.5 mm) Flat Steel Point	2.5 in. (62.5 mm) Flat Steel Point
Cast Alloy Steel Point	2.5 in. (62.5 mm) Cast Alloy Steel Capped Point	2.5 in. (62.5 mm) Cast Alloy Steel Capped Point	2.5 in. (62.5 mm) Cast Alloy Steel Capped Point	2.5 in. (62.5 mm) Cast Alloy Steel Capped Point
nged Alloy Steel Point	7 in. (178 mm) Winged Alloy Steel Capped Point	7 in. (178 mm) Winged Alloy Steel Capped Point	7 in. (178 mm) Winged Alloy Steel Capped Point	7 in. (178 mm) Winged Alloy Steel Capped Point
inged Alloy Steel Point	10 in. (250 mm) Winged Alloy Steel Capped Point	10 in. (250 mm) Winged Alloy Steel Capped Point	10 in. (250 mm) Winged Alloy Steel Capped Point	10 in. (250 mm) Winged Alloy Steel Capped Point
A.D.I. Wearstrip*	Reversible Cast C.A.D.I. Wearstrip*	Reversible Cast C.A.D.I. Wearstrip*	Reversible Cast C.A.D.I. Wearstrip*	Reversible Cast C.A.D.I. Wearstrip*
rstrip	Flat Wearstrip	Flat Wearstrip	Flat Wearstrip	Flat Wearstrip
y Wearstrip	V-Shaped Alloy Wearstrip	V-Shaped Alloy Wearstrip	V-Shaped Alloy Wearstrip	V-Shaped Alloy Wearstrip
nd IV	Cat. III and IV	Cat. III and IV	Cat. III and IV	Cat. III and IV
ard	Standard	Standard	Standard	Standard
nal	Optional	Optional	Optional	Optional
nal	Optional	Optional	Optional	Optional
ard	Standard	Standard	Standard	Standard
8 Ply	11L x 15 8 Ply	11L x 15 8 Ply	11L x 15 8 Ply	11L x 15 8 Ply
nal	Optional	Optional	Optional	Optional
nal	Optional	Optional	Optional	Optional
	NA	Optional	NA	NA
nal, Mounting Only	Standard, For Gauge Wheel Mounting Only	Optional, For Gauge Wheel Mounting Only	Optional, For Gauge Wheel Mounting Only	Standard, For Gauge Wheel Mounting Only
o 60 kW) Per Shank	50 to 80 HP (37 kW to 60 kW) Per Shank	50 to 80 HP (37 kW to 60 kW) Per Shank	50 to 80 HP (37 kW to 60 kW) Per Shank	50 to 80 HP (37 kW to 60 kW) Per Shank
63 to 7.24 km/h)	3.5 to 4.5 MPH (5.63 to 7.24 km/h)	3.5 to 4.5 MPH (5.63 to 7.24 km/h)	3.5 to 4.5 MPH (5.63 to 7.24 km/h)	3.5 to 4.5 MPH (5.63 to 7.24 km/h)

ithout notice.

ACCESSORIES & OPTIONAL EQUIPMENT
Zone Commander

POINTS & WEARSTRIPS FOR 1 1/4" STRAIGHT LEG SHANKS

2P791 2" V-Shaped Cast C.A.D.I. Point 12.0 lbs.

2P792 Reversible Cast C.A.D.I. Wearstrip
14.0 lbs.

9K873 Coverboard Kit Provides Additional Residue Management. 12.2 lbs. *Cannot be used with wearstrip.*

POINTS & WEARSTRIPS FOR 1 1/4" PARABOLIC SHANKS

2P791 2" V-Shaped Cast C.A.D.I. Point 12.0 lbs.

3K820 2.5" Wide Economy Flat Steel Point 6.5 lbs.

7K365 2.5" Cast Alloy Steel Capped Point 11.1 lbs.

7K366 7" Winged Alloy Steel Capped Point 13.1 lbs.

7K367 10" Winged Alloy Steel Capped Point
15.1 lbs.

3K580 V-Shaped Alloy Wearstrip
18.4 lbs.

6K587 Flat Profile Economy Wearstrip
6.4 lbs.

2K118 Coverboard Kit Provides Additional Residue Management. 10.4lbs. *Use with 6K587 wearstrip.*

POINTS & WEARSTRIPS FOR 3/4" MINIMUM DISTURBANCE SHANKS

1P840 1 1/2" Flat Steel Point 5.3 lbs.

1P859 Narrow Wearstrip
6.4 lbs.

FRONT CUTTING COULTERS

20" Single Coulter Assembly
118.0 lbs.
Standard Equipment

Dual Coulter Assembly with 20" 13 Wave Coulters
200.0 lbs.

Single Coulter Assembly with 22" Ripple Coulter
119.0 lbs.

OFFSET BRACKET ASSEMBLY FOR FRONT COULTER

For models with shank spacings other than 30". 61.0 lbs.

FRAME EXTENSION KIT

Allows a three shank machine to be converted to a four shank unit, a five shank machine to a six shank machine, or a seven shank machine to an eight shank machine. The Extension Kit is only intended for mounting of the gauge wheels as the additional shank is added to the main frame of the machine. 278.0 lbs.

Part numbers referenced above include mounting hardware.

Ask the Deep Tillage Experts at Brillion

bfesales@landoll.com

Zone Tillage...

- Addresses compaction in a controlled manner
- Normally should be done in fall
- Depth of operation should be 1" to 2" under the natural hard pan layer that is usually found in the 16" to 20" depth range
- Allows infiltration of oxygen into the soil profile
- Permits water to soak in where it falls
- Keeps residue on the surface between slots for erosion and moisture control
- Creates an avenue for roots to reach deep into the profile for additional growth performance
- Enhances the biological and organic environment of the soil profile
- Can be the ideal foundation for nearly all tillage and planting systems

When is the best time to use the Brillion Zone Commander?

Fall use has proven to be the most beneficial time to implement the management practices available with a Zone Commander. Fall use provides time for the deep tilled soil profiles to regenerate before the next growing cycle starts. The slots open the surface to allow good water management. The subtle surface disturbance with the residue cover provides for very good erosion control. The same slots reach deep through the compaction layers to allow moisture to soak deep into the profile. The gentle lifting and horizontal shattering increases the moisture holding capacity of the profile. Good moisture retention properties of the sub-soil will stimulate excellent root growth deep into the growth environment during the next growing cycle.

Who uses the Brillion Zone Commander?

The Brillion Zone Commander is used in many different venues in the agricultural industry. Offered in sizes from three to eight shank models, growers from all across the country have discovered the benefits of controlled deep tillage. The row crop producers attempting to push the yields to new limits have seen the greatest level of success. However, specialty crop growers, hay producers, grain farms and many others have used the Brillion Zone Commander as another tool to contend with compaction.

Why should I use a Brillion Zone Commander?

If you have determined that you have a compaction problem on your farm, you owe it to yourself to look into the benefits of controlled compaction management. By addressing the compaction issues, you open up many different avenues for increased profits. The bottom line is profitability.

One Pass
Brillion Zone Commander
Corn Residue • 17" Deep
Southwest Wisconsin

One Pass
Brillion Zone Commander
Soybean Residue • 18" Deep
West Central Iowa

Photo by Bill Darrington

COMPACTION LAYERS... How to Locate Them

The best method to determine where your compaction layers are located is with the knife test. This is best done using a knife with a stout handle and a 3" blade.

Dig a test hole in a suspected area of the field. The hole should be approximately two feet long by one foot wide by at least two feet deep. It is important not to cheat on the two feet deep portion as a lot of compaction layers are found at 16" to 20" or deeper.

One side of the hole should be smooth and free of shovel marks. Press a knife blade into the smooth side of the hole at 24" and draw the knife upward. When resistance is met, mark this as the bottom of your compaction pan. Repeat the same procedure starting from the top and push the knife downward. Once again, when resistance is met, this is the top of your compaction layer.


Photo by Bill Darrington

Do not be surprised if you find several compaction layers in the soil profile. You may find a compacted layer at 4" to 6" caused by a disc or field cultivator sweep. You may also find a man-made layer at the 8" to 12" depth caused by tillage, tractors and combines. In the majority of soils tested, we also find a natural compaction layer located in the 16" to 20" depth range. The key to reaping the complete benefits of a Zone Tillage system is the ability to cut a slot through all of these compaction layers. That vertical slot will in turn provide an unobstructed avenue for water, air and roots to penetrate deep into the soil profile. This slot is the foundation for the Zone Tillage system!

Also available from
Brillion Farm Equipment


Pulverizers


Agricultural & Landscape Seeders


Pulvi-Mulchers


Compaction Commanders

Brillion™
Farm Equipment

220 N. Francis Street
P.O. Box 8
Brillion, WI 54110
Phone: 920.524.2220
Toll Free: 855.320.0373
Fax: 888.761.8568

LANDOLL®