Great Plains manufactures a wide variety of tillage tools to meet the diverse needs of every farming operation. While vertical tillage is the right match for some farming practices, conventional tillage equipment may offer the best solution for others. At times, a combination of both vertical and conventional tillage tools will deliver the best results.

No matter which tools you choose to achieve your goals, rest assured, Great Plains builds the most dependable, feature-rich, and agronomically sound tillage equipment on the market today.

We are proud to offer you these reputable products, and we want you to know our commitment to you will not stop after your purchase. Through our knowledgeable dealer network, helpful service personnel, educational resources, and informative website, we are committed to helping you make the most of your Great Plains tillage implement.
True vertical tillage has become the standard for yield-boosting seedbed preparation. The industry-leading Turbo-Max offers agronomic benefits of both spring vertical tillage and fall residue management. Turbo-Max blades are spaced 7½" apart on two rows of counter gangs. Rear gangs offset the front gangs, splitting the blade spacing to 3¾" for superior residue sizing in one pass. Gang angle is hydraulically adjustable on-the-go from 0° to 6°, offering greater flexibility to match changing field conditions.

In the fall, run the machine with gangs at an angle to cover more residue. This will accelerate the decaying process and pin the residue to the ground. In the spring, keep the gangs straight to create a uniform, vertically-tilled seedbed perfect for planting.

With available working widths ranging from 8½' to 48', Turbo-Max delivers true vertical tillage to producers of all sizes. For lower horsepower tractors, the compact 8'/850TM and 10'/1000TM models are ideal for manure incorporation, residue management, seedbed preparation, and aerate for grass renovation after hard grazing seasons. Running Turbo-Max can also improve water quality and contribute to conservation efforts on HEL grounds.

For larger operations, the 4800TM Turbo-Max model works with today's high-horsepower tractors to meet growing labor and productivity demands. With a 48' working width, this wider machine will effectively manage residue at a faster pace, addressing rural conservation and water quality issues through a large-scale reduced tillage system.

- **True Vertical Tillage Machine** - With 20' Turbo Coulters spaced 7½" apart, Turbo-Max provides truly vertical cutting without the shearing caused by concave blades. Offset front and rear gangs achieve an effective residue cutting width of 3½" when running at 0°, which is recommended for seedbed preparation.
- **Exclusive Maintenance-Free Bearings** - These 360° self-aligning bearings are never sideloaded. A six-lip seal on each side locks in grease and prevents contamination.
- **Hydraulically-Adjustable Gang Angle from 0–6° On-the-Go** - Sizes and covers residue in the fall at 3° to 6° and prepares the ultimate spring seedbed at 0°.
- **Hydraulic Weight Transfer is Standard (models 18' and larger)**
- **Rolling Spike and Reel Rear Attachment** - Rolling spike harrow trays split Turbo Coulters to ensure thorough mixing of soil and residue and provide a smooth, uniform seedbed for optimum planter performance. The rear reel leaves the surface planter-ready by firming soil, removing air pockets, and eliminating clods.
- **Vertical Tillage System** - True Vertical Tillage has become the standard for yield and water quality issues through a large-scale reduced tillage system.
- **Rolling Spike and Reel Rear Attachment** - Rolling spike harrow trays split Turbo Coulters to ensure thorough mixing of soil and residue and provide a smooth, uniform seedbed for optimum planter performance. The rear reel leaves the surface planter-ready by firming soil, removing air pockets, and eliminating clods.

**STANDARD EQUIPMENT**
- Hydraulic weight transfer
- High-tensile tubing
- 0° to 6° hydraulic gang angle (front and rear)
- 20' x 256" Turbo Blades on 7½" spacing
- PEER® TILLXTREME® Maintenance-Free Bearings
- Heavy-duty C-shanks
- Nickel chrome cylinder rods
- Tractor hydraulic bypass system* (folding models)
- Wing ties: 10° down, unlimited up
- Walking tandem on center transport (2400TM and larger)
- Dual wing lines (2400TM and larger)
- Constant level hitch
- Casting Cat. IV or Cat. V hitch
- Heavy-duty jack
- Single-point depth adjustment
- LED safety lighting
- SMV sign and safety chain
- Color-coded hydraulic hoses

**OPTIONAL EQUIPMENT**
- Turbo-Seeder™ Cover Crop Attachment
- Hydraulic tongue
- Rolling harrow and hydraulic reel
- Rolling harrow and reel
- Rolling harrow
- Weight package
- Outer gauge wheel kits (2400TM–4800TM)

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* These units incorporate the Hydraulic Bypass Kit (OST) for seal-sparing and pressure-compensating tractor systems.
Reap the benefits of both cover crops and true vertical tillage with the Turbo-Seeder™ attachment from Great Plains! Now available in two different sizes, this seeder can be installed on select Turbo-Max®, Turbo-Till®, or Turbo-Chopper® models.

Turbo-Seeder offers a cost-effective, highly productive method for seeding cover crops with a vertical tillage tool. With Turbo-Seeder, you can simultaneously till your soil, size residue, and plant cover crops in one pass, while also reducing labor, fuel, and the maintenance costs of conventional planters.

Produced in partnership with Gandy of Owatonna, Minnesota, Turbo-Seeder is a complete, easy-to-install attachment that will come with either a 24 or 45 cu. ft. hopper. The meter shaft is powered by a 12-volt, 25-amp motor, and an 8-gpm hydraulically-driven fan delivers seed to the diffusers. Four seed rate meter wheels are included to match your seed rate requirements. Turbo-Seeder can place high rates of cover crops and small grains, such as oats, wheat, rice, and rye grass. The Turbo-Seeder kit also includes a ladder and walkboard for easy access to the hopper.

Protect your soil, and the environment, with Turbo-Seeder from Great Plains.
In the fall, vertical tillage should eliminate the soil’s density layers, leaving it ready for a one-pass tool before spring planting. Turbo-Chisel® is engineered to size and incorporate residue in the top 8-12” of soil, while leaving the surface level enough for a single-pass tool in the spring.

Turbo-Chisel starts by slicing residue with exclusive 22” Great Plains Turbo Coulters on 7½” spacing. Blades run on a 1¾” gang bolt with cast spools, putting the weight “in the gang” for outstanding performance and reliability. Gang bearings are field-proven, PEER® Maintenance-Free 211 Bearings with cast housings mounted to heavy-duty 1” x 3” C-shank standards. Plus, Turbo-Chisel’s coulter depth is hydraulically adjustable for on-the-go depth control.

This machine is offered in rigid 7-15 shank models or folding 9-23 shank models, with a recommended horsepower requirement of 30 hp per shank. Units can be equipped with optional chisel shanks, as well as optional Great Plains chopper wheels to crumble clods while leveling soil. While there are other coulter chisels available on the market, there is only one Turbo-Chisel!

• Exclusive 22” Turbo Blades - On 7½” spacing, the 22” Turbo Blades outperform competitive tools by sizing and mixing residue on the surface. While competitive, concave-disc tools simply cut off and roll long, stringy stalks, Turbo Blades size residue to ensure maximized mixing and enhanced decay.

• Maintenance-Free Bearings - All bearings are maintenance-free with six-lip seals to extend field time and reduce maintenance costs.

• Hybrid Machine with Heavy-Duty Toggle-Trip Shanks - When equipped with heavy-duty toggle-trip shanks, this “hybrid” unit works in the 8” to 12” range (rather than the 13” to 15” range required by disk rippers) while horizontally fracturing soil much better than a disk chisel. Toggle-trip shanks can’t float. They either run at the set depth or trip – there is no inbetween.

• Optional Angled Rear Chopper Wheel Attachment - Angled chopper wheels pull dirt back into shank voids, leveling soil while maintaining the vertically-tilled profile left by the shanks.

• Walking Tandem Axles - Maintain consistent mainframe height for accurate, consistent tillage depth control.

Turbo-Chisel® Narrow

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Turbo-Chisel®

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Specifications are subject to change without prior notification. Changes may or may not affect current production models.

*Approximate maximum weights

Images may or not depict current production models.

Specifications are subject to change without prior notification.
Offered in working widths from 21’ to 45’, these heavy-duty chisel plows feature 900 lb. trip force for consistent tillage in the 8” depth range. The Ultra-Chisel’s optional rocking bolster system on the center rockshaft ensures even, steady depth control in undulating field conditions, offering unmatched depth uniformity when compared to other large tillage tools in today’s chisel marketplace.

The Ultra-Chisel does a complete job of tilling the entire 6” to 8” soil profile, often eliminating the need for a follow-up pass prior to the seedbed preparation pass. To create a vertically-tilled soil environment, Ultra-Chisel can be equipped with 7” wing points, which are specifically designed to create total fracture across the entire profile rather than just rip slots in the soil. Alternatively, large 12” or 16” sweeps can be used for deep tillage and weed control. Optional rear-leveling attachments include a five-bar high-residue spike harrow, a three-bar heavy coil tine, or a three-bar heavy coil tine with a finishing reel.

- **Walking Tandem and Rocking Bolster to Hug the Ground** - Front walking tandems caster, and a center-compensating rocking bolster on 5-section models keeps all four sets of center-frame walking tandems firmly on the ground in uneven terrain.
- **Floating Hitch** - The floating hitch pivots with the tractor, independently of the machine’s frame, so all wheels remain on the ground. This enables all transport tires to carry the whole weight of the machine and ensures uniform, even tillage.
- **Shank Spacing Options** - Available in 9” or 12” shank spacing for maximum horizontal fracture, with an 8” maximum working depth and optional 12” or 16” sweeps to undercut weeds.
- **Heavy-Duty Chisel Shank** - The Ultra-Chisel’s spring-loaded shanks have 900 lbs. of trip force and 30” of underframe clearance.
- **Heavy-Duty Spring Tine Harrow with Optional Reel** - With three-position adjustable angling, these longer, heavy-duty spring tines increase trash flow while filling in ruts and leveling fields in one pass.

- **Walking tandem**
- **Single-point depth control**
- **Narrow-profile floating hitch**
- **LED safety lighting**
- **Heat-treated ductile cast tongue**
- **Rephasing lift cylinders**
- **Maintenance-free bearings**
- **Cast Cat. III, Cat. IV, or Cat. V hitch**

- **3-bar heavy coil tine**
- **3-bar heavy coil tine and finishing reel**
- **5-bar high-residue spike harrow**
- **Leveling kit for rocking bolster (21’-29’ models)**

### Ultra-Chisel™

**Models:**
- 6321UC
- 6324UC
- 6327UC
- 6329UC
- 6330UC
- 6333UC
- 6539UC
- 6541UC
- 6543UC
- 6545UC

**Recommended Use:** Primary Tillage

**Shank Spacing:** 9” | 12”

**Tillage Width:**
- 21’ 9” | 21’ 9”
- 24’ 9” | 23’ 9”
- 27’ 9” | 27’ 9”
- 30’ 3” | 29’ 9”
- 33’ 9” | 32’ 9”
- 36’ 3” | 39’ 3”
- 39’ 9” | 41’
- 42’ 9” | 43’
- 45’ 9” | 45’

**Transport Width:**
- 13’ 8”

**Transport Height:**
- 10’ 10”

**H.P. Requirements:**
- 190+
- 200+
- 240+
- 250+
- 260+
- 270+
- 280+
- 290+
- 300+
- 300+

**Height的区别:* (with attachments)

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*Approximate maximum weights with attachments.
The Great Plains Max-Chisel is an aggressive primary tillage tool that is designed to achieve complete fracture at shallower depths, leaving fields smoother and more uniform than most traditional disk rippers. Built on the same rugged platform as the Great Plains Turbo-Chisel®, the Max-Chisel utilizes two opposing rows of exclusive concave turbo-wave blades. With a patented “sамurai edge,” the blades aggressively remove root balls while mixing and incorporating residue in the top 4” to 5” of soil, chopping it to accelerate the decaying process.

Max-Chisel is available in two rigid models, ranging from 11’ 6” to 14’, and two folding versions of 16’ 6” and 19’. All feature hydraulically-adjustable disc gang depth control and heavy-duty toggle-trip reset shanks that can till up to 12” deep. With 2,450 pounds of horizontal trip force, these shanks will not pull out of hard ground like a traditional chisel. Medium-duty chisel shanks are also available.

Max-Chisel works the soil more aggressively than a traditional chisel, but leaves the surface level enough for a single-pass tool, such as Great Plains Disc-O-Vator® or Turbo-Max®, to finish the field ahead of the planter in the spring. Angled chopper wheels combine with 15” shank spacing to pull dirt back into the shank voids, leveling the soil while maintaining the vertically-tilled profile left by the shanks.

Max-Chisel is available in two rigid models, ranging from 11’ 6” to 14’, and two folding versions of 16’ 6” and 19’. All feature hydraulically-adjustable disc gang depth control and heavy-duty toggle-trip reset shanks that can till up to 12” deep. With 2,450 pounds of horizontal trip force, these shanks will not pull out of hard ground like a traditional chisel. Medium-duty chisel shanks are also available.

- **Exclusive Concave Turbo-Wave Blades with Patented “Samurai Edge”** - Mounted to individual C-shanks, 24” blades on 15” spacing allow plenty of trash clearance. Two opposing rows of exclusive concave turbo-wave blades aggressively remove root balls while mixing and incorporating residue in the top 4” to 5” of soil, pinning it to the ground to accelerate the decaying process.
- **Maintenance-Free Bearings** - All blades feature maintenance-free tapered bearings in a cast hub with a six-lip interlocking seal to keep grease in and dirt out.
- **Hybrid Machine with Heavy-Duty Toggle-Trip Shanks** - When equipped with heavy-duty toggle-trip shanks, this “hybrid” unit works in the 8” to 12” range (rather than the 13” to 15” range required by disk rippers) while horizontally fracturing soil much better than a disk chisel. Toggle-trip shanks can’t float. They either run at the set depth or trip – there is no inbetween.
- **Angled Rear Chopper Wheel Attachment** - Angled chopper wheels and 15” shank spacing work together to pull dirt back into shank voids, leveling soil while maintaining the vertically-tilled profile left by the shanks.
- **Walking Tandem Axles** - Maintain consistent mainframe height for accurate, consistent tillage depth control.

Max-Chisel™

**MC5109 | MC5111 | MC5313 | MC5315**

**Features & Benefits**

- **Maintenance-Free Bearings**
- **Exclusive Concave Turbo-Wave Blades**
- **Hybrid Machine with Heavy-Duty Toggle-Trip Shanks**
- **Angled Rear Chopper Wheel Attachment**
- **Walking Tandem Axles**

**Standard Equipment**

- 24” Concave Turbo Blades with Samurai edge
- Heavy-duty C-shanks
- Auto-reset shanks
- 15” shank spacing
- Single-point depth adjustment
- Heavy-wall 4”x6” frame tubing
- LED safety lighting
- Walking tandem on center transport
- PEER® Maintenance-Free Bearings in cast hub

**Optional Equipment**

- Chopper wheel
- Chopper wheel with MaxLift™ roller
- Chisel shank

**Specifications**

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*Approximate maximum weights with attachments. Specifications are subject to change without prior notification. Images may or may not depict current production models.*
FEATURES & BENEFITS

AFTER SUB-SOILER

able in 24", 30", 36", 38", or 40" shank spacings. Shanks

tubing for added strength and durability. Units are avail-

burial.

by horizontal tillage tools such as plows, disks, and sweep

implements. With a working depth of 12" to 16", this fall

tillage tool resets the soil profile and maintains uniform soil

range in number from 3 on 30", 36", 38", and 40" spacing up to 12 on 24" spacing. Choose from two shank options: ¾" and 1¼". The ¾" no-till shank and no-till point provide maximum shatter with minimum surface disturbance. The 1¼" straight leg shank creates more surface disturbance for minimum tillage. To achieve the full benefits of vertical tillage, it is important to select a point design that promotes horizontal fracture without blowout. The Sub-Soiler is offered with several different point options to fit a variety of conditions and needs.

- With 1" solid rods, the 16"-diameter berm conditioners mounted

- With 3000 lb. trip force, the Auto-Reset Shanks.

- The industry standard 30" shank spacing requires 13" to 15" operating depth to achieve uniform lateral fracture of the soil. Because some producers are limited to 10" to 12" working depth, the 24" shank spacing option ensures uniform lateral fracture at shallower working depths.

- Choice of Auto-Reset or Shear Bolt Shank Mounts - With 3000 lb. trip force, the Auto-Reset Shanks provide stop-free operation in areas where sub-surface obstructions exist. Alternatively, the Shear Bolt Mounts provide obstruction protection at a lower purchase cost than the Auto-Reset Shanks.

- 2 Different Shank Options - Options include a 1¼" Straight-Legged Shank or a ½" No-Till Shank. The no-till shank is not as aggressive as the straight-legged shank in turning the soil over and covering residue. In most soil conditions, the no-till shank only leaves a shank slot exposed on the soil surface and shows a gentle uplifting of the earth between shanks. Therefore, it should be used where less ground disturbance is desired. Replaceable wear shins are standard for either shank option.

- Point Options - Points for the 1¼" Straight-Legged Shanks are available in 2" or 7" widths, and with or without fins (fins maximize blowout). The 2"-wide point is the least aggressive, while the 7"-wide point is the most aggressive and is used to cover more residue. A no-till point that is approximately 10" wide is used with the ½" No-Till Shank. The no-till point minimizes surface disturbance and maximizes soil-structure-shatter below the surface. It also increases the amount of exposed surface residue and buries very little trash.

- Optional Berm Conditioners - With 1" solid rods, the 16"-diameter berm conditioners mounted to each shank help provide a level surface, enabling single-pass seedbed preparation.

Designed for deep vertical tillage, the Great Plains Inline Sub-Soiler shatters yield-robbing compaction layers created by horizontal tillage tools such as plows, disks, and sweep implements. With a working depth of 12" to 16", this fall tillage tool resets the soil profile and maintains uniform soil density with minimal topsoil disturbance and no residue burial.

The Sub-Soiler’s frame features high-tensile, 3/8” wall tubing for added strength and durability. Units are available in 24", 30", 36", 38", or 40" shank spacings. Shanks

- With 1¼" Straight-Legged Shank or a ½" No-Till Shank.

- 2"-wide point is the least aggressive, while

- 7"-wide point is the most aggressive and is used to cover more residue. A no-till point that is approximately 10" wide is used with the ½" No-Till Shank. The no-till point minimizes surface disturbance and maximizes soil-structure-shatter below the surface. It also increases the amount of exposed surface residue and buries very little trash.

- The 7"-wide point is the most aggressive and is used to cover more residue. A no-till point that is approximately 10" wide is used with the ½" No-Till Shank. The no-till point minimizes surface disturbance and maximizes soil-structure-shatter below the surface. It also increases the amount of exposed surface residue and buries very little trash.

- Optional Berm Conditioners - With 1" solid rods, the 16"-diameter berm conditioners mounted to each shank help provide a level surface, enabling single-pass seedbed preparation.

- With 1¼" Straight-Legged Shank or a ½" No-Till Shank.

- 2"-wide point is the least aggressive, while

- 7"-wide point is the most aggressive and is used to cover more residue. A no-till point that is approximately 10" wide is used with the ½" No-Till Shank. The no-till point minimizes surface disturbance and maximizes soil-structure-shatter below the surface. It also increases the amount of exposed surface residue and buries very little trash.

- Optional Berm Conditioners - With 1" solid rods, the 16"-diameter berm conditioners mounted to each shank help provide a level surface, enabling single-pass seedbed preparation.

- With 1¼" Straight-Legged Shank or a ½" No-Till Shank.

- 2"-wide point is the least aggressive, while

- 7"-wide point is the most aggressive and is used to cover more residue. A no-till point that is approximately 10" wide is used with the ½" No-Till Shank. The no-till point minimizes surface disturbance and maximizes soil-structure-shatter below the surface. It also increases the amount of exposed surface residue and buries very little trash.

- Optional Berm Conditioners - With 1" solid rods, the 16"-diameter berm conditioners mounted to each shank help provide a level surface, enabling single-pass seedbed preparation.
DISK HARROW

The 7000 Series Disk Harrow from Great Plains delivers reliable, quality conventional tillage in a highly competitive disk harrow market. Available in 23'-36' working widths, its double offset gang configuration remains one of the most effective methods for mechanically eliminating weeds while re-leveling rutted fields.

Featuring transport ground clearance of 13”, the 7000 Series Disk Harrow works the top 2-6” of soil with its 24”- or 26”-diameter blade options. In the field, a low-profile, t-style hitch allows for a tighter turning radius, and, on larger units, the outside wings are equipped with hydraulic gauge wheels that actively raise and lower with the main lift wheels. This “grease-zerk-free” machine reduces maintenance time and costs with its maintenance-free bearings and pivot points. Additionally, the Disk Harrow’s heavy, ductile cast spools place weight “in” the gang, ensuring reliability of the C-shanks and bearings. For quick, easy maintenance, arbor bolt nuts are conveniently located on each end of the gang. Additionally, exclusive SpeedBlades™ are optional on all Disk Harrow models. The low-concavity, serrated SpeedBlade aggressively powers through heavy residue, turning 5% faster than competitive notched blades, and it self-sharpeners for longer blade life.

Engineered for easy transportation, reliable field performance, and minimal maintenance, the 7000 Series Disk Harrow is ready to take on all conventional tillage contenders and deliver superior results.

• Maintenance-Free Bearings, Walking Axles, and Drop Axles - Reduce maintenance time and extend life of bearings. 360° self-aligning bearings are never sideloaded. A six-lip seal on each side lacks in grease and prevents contamination. Additionally, the walking beam pivots utilize Teflon™-coated bushings, eliminating the need for tapered bearings and grease in pivot points. Drop axles pivot on anti-rotational pins, requiring no maintenance.

• Heavy, Ductile Cast Spools - Our heavy, ductile cast spools each weigh 23.55 lbs., while welded spools used by competitors weigh only 11.01 lbs. each. Putting weight “in” the gang versus “over” the gang increases reliability in the C-shank and bearings. Nuts on each end of the disk gangs provide easy, quick maintenance.

• Improved Ground Clearance - Transport clearance of 13” allows for 24” or 26” diameter blade options, and a low-profile, t-style hitch tightens the turning radius in the field. Hydraulic gauge wheels, which actively raise and lower with main lift wheels, have also been added to the outside wings on larger units.

• Improved Lift and Leveling System - The leveling mechanism and single torque tube across the center frame help maintain uniformity from right to left across the unit, making it easier to level the center and the wings. Hydraulic fore-and-aft leveling allows for easy field adjustments and a smooth finish in any soil condition.

• Heavy-Duty Fold System - Dual fold cylinders on each wing ease stress on the wings and extend life of the front and rear hinges and the center frame when folding and unfolding, extending the life of the front and rear hinges and the center frame.

• Improved Forward-Mounted Bar - Forward-mounted tine roll bar provides better weight distribution. This design is especially beneficial on larger units.

• Improved Ground Clearance - Transport clearance of 13” allows for 24” or 26” diameter blade options, and a low-profile, t-style hitch tightens the turning radius in the field. Hydraulic gauge wheels, which actively raise and lower with main lift wheels, have also been added to the outside wings on larger units.

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Features & Benefits

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- Heavy-Duty Fold System - Dual fold cylinders on each wing ease stress on the wings and extend life of the front and rear hinges and the center frame.

With a 5% faster turning speed than regular concavity blades, the exclusive SpeedBlade aggressively powers through heavy residue and thoroughly mixes soil at higher speeds without ridging. This self-sharpening serrated blade works like a regular notched blade, but its shallower blade cutout allows for shallower working depth. Unlike competitive blades, the low-concavity SpeedBlade stays sharper longer and maintains its shape as it wears. With more blade surface, the SpeedBlade wears better and lasts longer than blades with larger notches.

Specifications are subject to change without prior notification. Images may or may not depict current production models.

CONVENTIONAL TILLAGE

Features & Benefits

- Dual fold cylinders on each wing ease stress on the wings and extend life of the front and rear hinges and the center frame.
- Transport clearance of 13” allows for 24” or 26” diameter blade options, and a low-profile, t-style hitch tightens the turning radius in the field.
- Hydraulic gauge wheels, which actively raise and lower with main lift wheels, have also been added to the outside wings on larger units.
- Improved Lift and Leveling System - The leveling mechanism and single torque tube across the center frame help maintain uniformity from right to left across the unit, making it easier to level the center and the wings. Hydraulic fore-and-aft leveling allows for easy field adjustments and a smooth finish in any soil condition.
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OPTIONAL EQUIPMENT

- SpeedBlade™
- 3-bar heavy coil tine
- 3-bar high-residue spike
- Finishing reel
- Rear mounting bar
FARM-TO-PLATE 

In today’s farming economy, it’s all about getting more done in a day. Recognized as one of the most productive tillage tools in the industry, the Great Plains Disc-O-Vator® can disk, cultivate, harrow, and incorporate herbicide—all in a single pass.

Known for its robust strength, the Disc-O-Vator’s rugged frame is engineered to flex and hug rolling terrain. The Disc-O-Vator also features the Max-Mix™ shank pattern, which increases chemical incorporation, reduces wind-rowing, and helps eliminate banding. Shanks are spaced at 7” with 9” sweeps to ensure good cutout, and a rugged front gang design is offered with a choice of concave or Turbo blades on 8” spacing. This versatile secondary tillage implement works well behind a fall chisel pass because the front discs chop residue and smooth the field before sweeps run through the soil, which reduces plugging and bunching of trash.

The 8000 Series Disc-O-Vator® line is comprised of 13 models, with working widths ranging from 15’ to 52’. Four of the models (DVN) are specifically designed for narrow transport and can be purchased in 15’ to 24’ versions. With a full line of options and finishing attachments, the Disc-O-Vator can be custom built to fit a diverse range of needs.

- **Max-Mix™ Shank Pattern** - With a true four-bar design, shanks on the first and second bars are split by the third and fourth bars. On an effective 7” spacing, no shank is closer than 28” on any bar. The Max-Mix Shank design evenly spreads residue and uniformly incorporates fertilizer or manure for even distribution. True, one-pass tillage eliminates the cost of owning several tillage tools.

- **Hydraulic Crawler/Disc Gang Option** - Adjust residue coverage levels on-the-go to meet government requirements on HEL ground. Choose from either the crawler option, exclusive to Great Plains units, to run at faster ground speeds or a shallow concave disc option, used to feather worked soil into tractor track impressions left in softer soils. Accomplish excellent penetration and soil movement with 8” blade spacing.

- **Choice of Rear Finishing Attachments** - Add finishing touches to the ultimate seedbed with 5- to 7-bar spike or coil line and reel combinations. Higher tillage speeds make levelling a bigger task. With the heavy-duty 3-bar spike and reel, front rigid tines aggressively attack the ridge formed by the last row of shanks. Then, two rows of heavy-duty, high-residue spikes follow to feather out the residue and soil. The reel finishes by firming loose soil, providing an outstanding finishing touch for a one-pass tool.

- **Rebound Valve and Single-Point Depth Control** - The highly efficient hydraulic rebound valve provides precise operating depth and keeps the machine running level, which extends the life of the entire hydraulic system. The pressure-reducing valve limits hydraulic cylinder pressure, and the counter-balance valve prevents air from passing through seals and into the system. This valve shines in fields where the machine needs to be raised and lowered numerous times.

- **13 Sizes to Fit Customer Needs** - The Disc-O-Vator® line is comprised of 13 models with working widths ranging from 15’ to 52’. Four models are specifically designed for narrow transport, ranging from 15’ to 24’ versions. Great Plains is the only company offering 48” and 52” models with 18’ 3” transport width.

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<th>Model</th>
<th>Narrow</th>
<th>52’</th>
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<th>17’</th>
<th>21’</th>
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<td>18,320</td>
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- **3-bar coil line with reel**
- **Heavy-duty 3-bar spike with reel**
- **4-bar coil line**
- **5-bar high-residue spike**
- **7-bar spike tooth**

**Standard Equipment**
- Constant level hitch
- Single-point depth control
- Hydraulic gang adjustment
- Spring-loaded disc or crawler gangs
- Cast Cat. III, Cat. IV, or Cat. V hitch
- Walking tandems on centers (excluding narrow models)
- Double-fold cylinder (5-section only)
- LED safety lighting
- SMV sign and safety chain

**Optional Equipment**

- **MAINTENANCE-FREE BEARINGS**
- **MAX-MIX™ SHANK PATTERN**

When ordering, specify the model year. Great Plains reserves the right to change specifications without notice. Ask your Great Plains dealer for a complete list of the standard, optional and replacement parts available for your tillage equipment.

**SHANK OPTIONS**

- 7-bar spike tooth
- 5-bar high-residue spike
- 4-bar coil line
- 3-bar coil line with reel

**HITCH OPTIONS**

- Cast Cat. III, Cat. IV, or Cat. V hitch
- Walking tandems on centers (excluding narrow models)
- Double-fold cylinder (5-section only)
- LED safety lighting
- SMV sign and safety chain

www.GreatPlainsAg.com
With the exclusive Max-Mix™ shank pattern, heavy-duty shank options, and five choices of rear finishing attachments, the 8000 Series Field Cultivator from Great Plains is equipped to create a level seedbed that promotes moisture conservation and seed germination.

Featuring a full 24” of underframe clearance, the Field Cultivator has a single-pole tongue on floating hitch models for better balance and tighter turns. The constant-level hitch design is ideal for flatter ground, while the floating hitch option enhances the unit’s overall flexibility, resulting in consistent cultivation regardless of the field’s terrain. The Max-Mix shank pattern enhances fertilizer and manure incorporation, spreads residue evenly, reduces windrowing, and helps eliminate chemical streaking. For better soil movement, shank spacing throughout the machine, especially around tires, has been improved so that no shanks are closer than 28” in any of the four rows. For enhanced durability, heavy wheel hubs are used in all locations on all models. Heavy hinges on both the inside and outside wings ensure that the folding system is both smooth and reliable.

**Features & Benefits**

- **Max-Mix™ Pattern of Shanks** - With the Max-Mix™ pattern, no shank is closer than 28” on the same bar. The underframe clearance is 24”, and the shanks are spaced 7” apart. The Max-Mix™ pattern is a true four-bar design, and shanks exactly split the previous row of shanks. This evenly spreads residue and uniformly incorporates fertilizer and chemicals.
- **Constant-Level or Floating Hitch Options** - The standard, constant-level hitch is ideal for farms with relatively flat fields. The single-pole design on floating hitch models allows for tight turns without interference with the tractor’s 3-point hitch. For more challenging field conditions, choose the floating hitch option. It adds maintenance-free caster wheels to the front of the implement and a horizontal pivot at the base of the tongue, enhancing the unit’s flexibility for consistent cultivation, regardless of terrain.
- **Heavy-Duty K-Flex or Heavy-Duty Magnum Shank Options** - The standard heavy-duty K-Flex shank provides 185 lbs. of point pressure. The optional heavy-duty Magnum shank offers 205 lbs. of point pressure and is ideal for conditions where the shank needs to clear obstructions. All shank combinations feature the Max-Mix pattern for unmatched residue flow.
- **Five Choices of Rear Finishing Attachments** - Match field conditions with either a high-residue spike tooth or coil tine with a rolling basket. Clod-shattering high-residue spikes work well in heavy residue conditions while the coil tine and reel is a better choice in lighter soils and sandy conditions. All options provide a level seedbed to conserve moisture, incorporate chemicals and accelerate seed germination.
- **Narrow Transport Width** - The 8000 Series Field Cultivator folds to a narrow 14’ transport width on the smallest units and an amazing 16’10” width on the 60’ model. All 5-section models feature dual-fold cylinders for additional frame strength.

**Conventional Tillage**

- Narrow profile hitch
- Constant level hitch
- Cast Cat. III, Cat. IV, or Cat. V hitch
- Single-point depth control
- Walking tandems on all sections
- Double-fold cylinders (5-section models only)
- Hydraulic or mechanical front gauge wheels
- SMV sign and safety chain
- LED safety lighting
- Heavy-duty jack
- Max-Mix™ shank pattern
- Greaseless working beams and hubs

**Recommended Use**

- Secondary Tillage, Seedbed Preparation

**H.P. Requirements**

- 210+ (8332FC)
- 250+ (8336FC)
- 300+ (8539FC)
- 325+ (8544FC)
- 400+ (8548FC)
- 450+ (8551FC)
- 500+ (8556FC)
- 550+ (8560FC)

**Transport Width**

- 14’1” (8323FC)
- 16’1” (8328FC)
- 18’1” (8332FC)
- 20’1” (8336FC)
- 24’1” (8539FC)
- 26’1” (8544FC)
- 28’1” (8548FC)
- 30’1” (8551FC)
- 32’1” (8556FC)
- 36’0” (8560FC)

**Shank Spacing**

- 28” on each rank for an effective 7” spacing

**Tillage Width**

- 16’ (8332FC)
- 18’ (8328FC)
- 20’ (8332FC)
- 22’ (8336FC)
- 24’ (8539FC)
- 26’ (8544FC)
- 28’ (8548FC)
- 30’ (8551FC)
- 32’ (8556FC)
- 36’ (8560FC)

**H.R. Requirements**

- 200+ (8323FC)
- 200+ (8328FC)
- 200+ (8332FC)
- 225+ (8336FC)
- 250+ (8539FC)
- 275+ (8544FC)
- 300+ (8548FC)
- 300+ (8551FC)
- 325+ (8556FC)
- 350+ (8560FC)

**Weight Loss**

- 7’5’’ (8323FC)
- 7’5’’ (8328FC)
- 8’8’’ (8332FC)
- 9’0’’ (8336FC)
- 10’0’’ (8539FC)
- 10’0’’ (8544FC)
- 11’0’’ (8548FC)
- 11’0’’ (8551FC)
- 12’0’’ (8556FC)
- 12’0’’ (8560FC)

Specifications are subject to change without prior notification. Changes may or may not affect current production models.

www.GreatPlainsAg.com
The Lister Cultivator and Hipper Bedder from Great Plains are built with a focus on innovation, functionality, and toughness. The LC25 and LCA0 Lister Cultivators are designed to provide precise, reliable performance in building, maintaining, and cultivating bedded ground. Each model combines a stack-fold toolbar with versatile parallel linkage row units. The parallel linkage and depth band coulters allow for precise depth gauging on individual rows. The machine can be configured as a lister or turned into a row-crop cultivator with rear sweeps. Row spacing includes 30”, 36”, 38”, and 40”, with 20” and 22” blade combinations.

The Hipper Bedder, a variation of the Lister Cultivator, is designed to work in the heavy soils of the Delta, creating beds with rolling blades rather than lister bottoms. Built on the Lister Cultivator’s robust, time-proven frame, the Hipper Bedder is ideal for working in heavy, sticky soils where listers are unable to properly roll soil. In contrast to competitive machines, Hipper Bedder’s blade-angle adjustment bolt is easily accessible between the blades for quick angle adjustments. Additionally, operators can easily change working depth with the convenient gauge wheel adjustment handle.

Durable, farmer-friendly, and field-proven, the Hipper Bedder is offered in wide row spacings (36”, 38”, or 40”), with 22” and 24” blade combinations, or narrow row spacing (30”), with 20” and 22” blade combinations.

The Hipper Bedder is ideal for working in heavy, sticky soils where listers are unable to properly roll soil. In contrast to competitive machines, Hipper Bedder’s blade-angle adjustment bolt is easily accessible between the blades for quick adjustments.

• Multiple Row Unit Configurations - Choices on Lister Cultivators include short or long lister bodies, or short or long cultivator bodies with sweeps and optional barrowing-off discs. Depth coulters or depth tires are available on either configuration, and side shields can be added.
• Depth-Gauging Coulter - Lister Cultivators utilize an open yoke gauge wheel design that places bracing where strength is needed but out of the way for trash flow. A steel depth gauge and positive lock ensure the set depth remains consistent.
• Blade-Angle Adjustment - The blade-angle adjustment bolt on the Hipper Bedder is easily accessible between the blades for quick adjustments.
• 3-Point Hitch - The 3-point lift frame extends the length of the center section, creating a fully trussed mainframe. Available in category 3N, 3, 4N, and 4 hitch configurations.
• Stack-Fold Toolbar (LC40 & HB40) - Ideal for quick folding and transportation, with thicker mainframe walls for long-term durability. LC25 and HB25 models utilize a rigid frame design.
• Triple Beam Ladder-Frame Design - Gives extra strength to the entire mainframe of the unit for longer wear, especially on larger, folding units.

Features & Benefits

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When it comes to busting clods, the Great Plains Heavy-Duty Flex Harrow is the toughest finishing tool on the market! Known for strength and simplicity, it utilizes a ladder-frame full-length tongue and a height-adjustable hitch. Flex Harrow’s center frame is made entirely of ¼” wall steel, making it perfect for nearly any terrain, and the wings are constructed of 6” square tubing with reinforced corners. For longer life and wear, the machine features 1½” pivot pins on the main pivot and wing corners. Extra large cylinders with single valve control provide lifting and folding power. Automatic cable lift means there’s no need to get off the tractor to adjust. Non-puncture aircraft tires on the wings ensure longer stability and reliability. The Flex Harrow is available in widths from 24’-51’ with an optional 8-, 12-, or 16-bar harrow.

For more information, visit www.GreatPlainsAg.com.
Combine a Precision Seedbed Conditioner with a Great Plains Field Cultivator to firm the soil, reduce air pockets, incorporate chemicals, break up surface clods, knock soil off root crowns, and prevent wind and water erosion—all in one pass. It places the finer particles of soil in the planting zone, allowing perfect seed-to-soil contact to boost crop emergence. A heavy-duty design offers up to 150 pounds of weight per foot for increased clod and root ball breakage.

All of the Seedbed Conditioner’s reel sections overlap for superior finish with no streaking. Wings flex up and down 15° for superior ground-following abilities, and hitch length and width adjust to match the host machine for optimal turning radius and edge feathering. Optional hydraulic weight transfer assures even weight across all sections in rolling terrain. For ease of operation, one hydraulic circuit controls lifting, folding, and weight transfer.

- **Heavy-Duty Reels** - Heavy-duty 16” diameter reels with 1” rods are designed to stand up to even the largest rocks while still busting clods and leaving a perfect seedbed.
- **Adjustable Rollers to Change Width** - Allow the conditioner to be widened beyond the width of the leading tillage implement without leaving a streak between reels.
- **Optional Hydraulic Weight Transfer** - Allows weight to be transferred from the center of the machine to the wings, providing an even, level finish over rolling terrain.
- **Heavy-Duty Frame** - Heavy-duty design allows for up to 150 lbs. per ft. of weight for increased clod and root ball breakage.
- **Single Hydraulic Circuit** - Unit can be lifted and folded with one SCV control. Allows for unit to be pulled behind other tillage implements.
- **Triple-Lip Sealed Bearings** - Two heavy-duty, triple-lip-sealed bearings on every reel.

**STANDARD EQUIPMENT**
- LED safety lighting
- SMV sign and safety chain
- Spring-cushioned reel
- Telescoping hitch tongue

**OPTIONAL EQUIPMENT**
- Hydraulic weight transfer
- Hose extension package

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www.GreatPlainsAg.com
Time is short and moisture is limited. Today’s farming operations require tillage systems that can cover hundreds of acres while carefully managing residue conditions. The 3-, 5-, and 7-section Plains Plows from Great Plains are engineered to withstand the punishment of demanding field conditions while effectively managing surface residue to help retain moisture and prevent erosion.

Plains Plow takes field efficiency to the next level with optional hard pan ripper shanks, which allow for multiple field operations in a single pass. With 48” sweeps, this undercutter tillage implement uses narrower-than-standard V-blades that provide consistent depth in rolling conditions and better cleaning in sticky soils. Hard-faced for long life, treader wheels are spaced 7” apart. This spacing is ideal for breaking up clods, uprooting weeds, and preparing a seedbed.

Select models are available with optional 250-pound wing weights.

**FEATURES & BENEFITS**

- **Two Hard-Faced Sweeps per 7½’ Section** - Effectively follow undulations and feature 4” of blade overlap.
- **Effective Frame Design** - Heavy-duty I-beam hitch pulls from a true center section, providing unmatched strength that eliminates the center buckling often seen in hinged center frame designs. Two-blade wing sections reduce buckling and stay in the ground better than single 72” blade designs.
- **Greater Under-Frame Clearance** - Thirty-inches of vertical under-frame clearance and pusher rockshaft axles maximize shank clearance when operating in the field.
- **V-Blades Offered in Both Low and High Lift** - Narrower, 4½-inch-wide low-lift blades work at shallower depths, require less horsepower, and conserve valuable soil moisture by reducing the tillage depth needed for effective weed control. The low-lift design also leaves the field smoother than traditional 72” configurations and, in many cases, allow planting directly behind the Plains Plow. The 6½-inch-wide blades are for working deeper. This high-lift design provides more soil separation from weed roots.
- **Pilot-Operated Check Valve and Rephasing Cylinders** - Lock the cylinders in place and provide consistent depth control across the entire width of the unit.

**STANDARD EQUIPMENT**

- Heavy wall tubing
- Walking tandems on center frames
- Heavy-duty coulters
- Single-point depth control
- Rebound valve kit
- LED safety lighting
- SMV sign and safety chain
- Greaseable hinge points
- Cast Cat. III, Cat. IV, or Cat. V hitch

**OPTIONAL EQUIPMENT**

- Wing weight kit (on select sizes)
- Treader attachment
- Hard pan ripper

**CONVENTIONAL TILLAGE PLAINS PLOW**

Models: 9322PP | 9326PP | 9533PP | 9540PP | 9744PP | 9748PP | 9752PP | 9756PP

- Two Hard-Faced Sweeps per 7½’ Section - Effectively follow undulations and feature 4” of blade overlap.
- Effective Frame Design - Heavy-duty I-beam hitch pulls from a true center section, providing unmatched strength that eliminates the center buckling often seen in hinged center frame designs. Two-blade wing sections reduce buckling and stay in the ground better than single 72” blade designs.
- Greater Under-Frame Clearance - Thirty-inches of vertical under-frame clearance and pusher rockshaft axles maximize shank clearance when operating in the field.
- V-Blades Offered in Both Low and High Lift - Narrower, 4½-inch-wide low-lift blades work at shallower depths, require less horsepower, and conserve valuable soil moisture by reducing the tillage depth needed for effective weed control. The low-lift design also leaves the field smoother than traditional 72” configurations and, in many cases, allow planting directly behind the Plains Plow. The 6½-inch-wide blades are for working deeper. This high-lift design provides more soil separation from weed roots.
- Pilot-Operated Check Valve and Rephasing Cylinders - Lock the cylinders in place and provide consistent depth control across the entire width of the unit.

**STANDARD EQUIPMENT**

- Heavy wall tubing
- Walking tandems on center frames
- Heavy-duty coulters
- Single-point depth control
- Rebound valve kit
- LED safety lighting
- SMV sign and safety chain
- Greaseable hinge points
- Cast Cat. III, Cat. IV, or Cat. V hitch

**OPTIONAL EQUIPMENT**

- Wing weight kit (on select sizes)
- Treader attachment
- Hard pan ripper

**Specifications are subject to change without prior notification. Images may or may not depict current production models.**
Our Mission

To be a company where innovation, teamwork and a desire to improve combine to:

1. Delight our customers
2. Provide a rewarding workplace for our employees
3. Generate profits for stability and growth

Great Plains

Great Plains Manufacturing, Inc., was established on April 1, 1976 by company founder Roy Applequist. Since our inception, Great Plains has become a leader in the manufacturing of agricultural implements for tillage, seeding, and planting in the United States, as well as a leading producer of dirtworking, turf maintenance, and landscaping equipment. Now a Kubota Company, Great Plains Manufacturing is comprised of Great Plains Ag, Great Plains International, Land Pride, Great Plains Acceptance Corporation (GPAC), and Great Plains Trucking.

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