



TILLAGE

VERTICAL | CONVENTIONAL



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.



TABLE OF CONTENTS

| | |
|-------|-------------------|
| 4-5 | Turbo-Max® |
| 6-7 | Turbo-Max® Narrow |
| 8-9 | Max-Chisel™ |
| 10-11 | Sub-Soiler |
| 12-13 | Disk Harrow |
| 14-15 | Short Disk™ |
| 16-17 | Lister Cultivator |
| | Hipper Bedder |
| 18-19 | Company Info |

TURBO-MAX[®]

MODELS: 850TM | 1200TM | 1500TM | 3000TM | 3500TM | 4000TM | 4800TM

VERTICAL TILLAGE

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" (19cm) apart on two rows of coulter gangs. Rear gangs offset the front gangs, splitting the blade spacing to 3¾" (9.5cm) 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 decay-ing process and prevent residue from blowing away. 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', (2.6 to 14.6m) Turbo-Max delivers true vertical tillage to producers of all sizes. For lower horsepower tractors, the compact 8½' (2.6m) 850TM model is ideal for manure incorporation, residue management, seedbed preparation, and aeration for grass renovation after hard grazing seasons. Running Turbo-Max can also improve water quality and contribute to conservation efforts on highly erodible land (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' (14.6m) 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.

Shown with optional Turbo-Seeder™



FEATURES & BENEFITS

- **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°.
- **Exclusive Maintenance-Free Bearings** - Reduce maintenance time and extend life of bearings. These 360° self-aligning bearings are never sideloaded. A six-lip seal on each side locks in grease and prevents contamination.
- **Hydraulic Weight Transfer is Standard (models 30' (9.1m) and larger)** - Creates an even and constant downforce across the entire width of the implement, assuring uniform penetration and eliminating the possibility for wings to float.
- **Rolling Spike and Reel Rear Attachment** - Rolling spike harrow tines 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.
- **True Vertical Tillage Machine** - With 20" (51cm) Turbo Coulters spaced 7½" (19cm) 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 3¾" (89mm) when running at 0°, which is recommended for seedbed preparation.



With the optional hydraulic reel, operators can conveniently adjust down pressure or lift out of the ground with in-cab hydraulic operation. An easy-to-read sight gauge allows for easy position monitoring from the tractor seat! A hydraulic cylinder is used to preload down-pressure springs. When field conditions are not ideal, the harrow can be raised.



STANDARD EQUIPMENT

- Hydraulic weight transfer
- High-tensile tubing
- 0° to 6° hydraulic gang angle (front and rear)
- 20" x .256" (508x6.5mm) Turbo Blades on 7½" (19cm) spacing
- PEER® TILLXTREME® Maintenance-Free Bearings
- Heavy-duty C-shanks
- Nickel chrome cylinder rods
- Tractor hydraulic bypass system* (folding models)
- Wing flex: 10° down; unlimited up
- Walking tandem on center transport (3000TM and larger)
- Dual wing tires (3000TM and larger)
- Constant level hitch
- Cast 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

*These units incorporate the Hydraulic Bypass Kit (STD) for load-sensing and pressure-compensating tractor systems.

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 (3000TM–4800TM)

| Turbo-Max® | 850TM | 1200TM | 1500TM | 3000TM | 3500TM | 4000TM | 4800TM |
|-------------------|---|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| Recommended Use | Primary Tillage, Secondary Tillage, & Seedbed Preparation | | | | | | |
| Blade Spacing | 3¾" (9.5cm) (2 offset gangs at 7½" (19cm) spacing per gang) | | | | | | |
| Tillage Width | 8' 6" (2.6m) | 12' (3.7m) | 15' (4.6m) | 30' (9.1m) | 35' (10.7m) | 40' (12.2m) | 48' (14.6m) |
| Transport Width | 10' (3m) | 13' 6" (4.1m) | 15' 6" (4.7m) | 15' 4" (4.7m) | 16' 9" (5.1m) | 18' (5.5m) | 18' (5.5m) |
| Transport Height | 5' 4" (1.7m) | 5' 4" (1.7m) | 5' 4" (1.7m) | 14' (4.3m) | 14' 4" (4.4m) | 14' 2" (4.3m) | 14' 6" (4.4m) |
| H.P. Requirements | 85+ | 120+ | 150+ | 300+ | 340+ | 380+ | 450+ |
| Weight (lbs)* | 7,500 (3,402 kg) | 11,900 (5,398 kg) | 13,300 (6,033 kg) | 23,300 (10,433 kg) | 26,320 (11,939 kg) | 31,500 (14,288 kg) | 37,900 (17,191 kg) |

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

*Approximate maximum weights with attachments

TURBO-MAX[®] NARROW

MODELS: 3.0TM | 6.0TM | 8.0TM

VERTICAL TILLAGE

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 autumn residue management. Turbo-Max blades are spaced 7½" (19cm) apart on two rows of coulter gangs. Rear gangs offset the front gangs, splitting the blade spacing to 3¾" (9.5cm) 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 decay-ing process and prevent residue from blowing away. In the spring, keep the gangs straight to create a uniform, vertically-tilled seedbed perfect for planting.

The vertical tillage and Turbo-Max concept has been proven around the world in multiple crops and climate conditions and, with the tool now being available in 3-meter transport, even more farmers can benefit from its advantages. Turbo-Max can be used to reduce corn borer infestation in autumn passes by sizing maize residue. In the spring, a last-pass can help warm up damp, cool soils for quicker planting and emergence. It can be used to chit wheat and oilseed rape volunteers or weeds such as black grass. With its ability to size and lace residue, the Turbo-Max also works well in no-till operations where straw and residue bind nitrogen, creating a "carbon penalty."

The Turbo-Max brings many benefits any time of year - all with one machine!



FEATURES & BENEFITS

- **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°.
- **Superb Contour Following** - The wings of the frame can flex down as much as 10° and up as high as you need to go. Coupled with the constant hydraulic down pressure applied to the wings, this feature allows the Turbo-Max to precisely follow undulating ground conditions from side to side. Weight per blade of down pressure is between 114 and 132kg.
- **Hydraulic Weight Transfer is Standard** - Creates an even and constant downforce across the entire width of the implement, assuring uniform penetration and eliminating the possibility for wings to float.
- **Rolling Spike and Reel Rear Attachment** - Rolling spike harrow tines 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.
- **True Vertical Tillage Machine** - With 20" (51cm) Turbo Coulters spaced 7½" (19cm) 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 3¾" (89mm) when running at 0°, which is recommended for seedbed preparation.



The new Turbo-Max folds down to 3 meters wide and 4 meters high for transport.



| Turbo-Max® Narrow Transport | 3.0TM | 6.0TM | 8.0TM |
|-----------------------------|---|---------------------|---------------------|
| Recommended Use | Primary Tillage, Secondary Tillage, & Seedbed Preparation | | |
| Blade Spacing | 3¾" (9.5cm) (2 offset gangs at 7½" (19cm) spacing per gang) | | |
| Tillage Width | 10' (3m) | 20' (6m) | 26' (8m) |
| Transport Width | 10' (3m) | 10' (3m) | 10' (3m) |
| Transport Height | 5' 4" (1.7m) | 10' 2" (3.1m) | 13' 1" (4.0m) |
| H.P. Requirements | 100+ | 200+ | 260+ |
| Weight (lbs)* | 8,250 (3,740 kg) | 17,417 (7,900kg) | 21,605 (9,800kg) |

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*Approximate maximum weights with attachments



STANDARD EQUIPMENT

- Hydraulic weight transfer
- High-tensile tubing
- 0° to 6° hydraulic gang angle (front and rear)
- 20" x .256" (508x6.5mm) Turbo Blades on 7½" (19cm) spacing
- PEER® TILLXTREME® Maintenance-Free Bearings
- Heavy-duty C-shanks
- Nickel chrome cylinder rods
- Tractor hydraulic bypass system* (folding models)
- Wing flex: 10° down; unlimited up
- Dual wing tires (8.0TM)
- Single wing tires (6.0TM)
- Constant level hitch
- Scharmüller Cat. III or Cat. IV hitch
- Heavy-duty jack
- Single-point depth adjustment
- LED safety lighting
- EU light and safety package
- Color-coded hydraulic hoses
- Track removers

*These units incorporate the Hydraulic Bypass Kit (STD) for load-sensing and pressure-compensating tractor systems.

OPTIONAL EQUIPMENT

- Rolling harrow and reel
- Weight package
- Brakes

Turbo-Max® models with transport width greater than 3m available in working widths from 8'6" - 48' (2.6 - 14.6m) in a disc-tire-disc configuration.

MAX-CHISEL™

VERTICAL TILLAGE

MODELS: MC5109 | MC5111 | MC5313 | MC5315

The Great Plains Max-Chisel is an aggressive primary tillage tool that works at a shallower depth and leaves 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 “samurai edge,” the blades aggressively remove root balls while mixing and incorporating residue in the top 4" to 5" (10-13cm) of soil, chopping it to accelerate the decaying process.

Mounted to individual C-shanks, 24" (61cm) blades on 15" (38cm) spacing allow plenty of trash clearance. All feature maintenance-free tapered bearings in a cast hub and a six-lip interlocking seal to keep grease in and dirt out.

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" (38cm) 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' (3.51-4.27m), and two folding versions of 16' 6" and 19' (5.03 and 5.79m). All feature hydraulically-adjustable disc gang depth control and heavy-duty toggle-trip reset shanks that can till up to 12" (30.5cm) deep. With 2,450 (1,111kg) 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.



FEATURES & BENEFITS

- **Exclusive Concave Turbo-Wave Blades with Patented “Samurai Edge”** - Mounted to individual C-shanks, 24" (61cm) blades on 15" (38cm) 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" (10 to 13cm) 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" (20.5cm to 30.5cm) range (rather than the 13" to 15" (33cm to 38cm) 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" (38cm) 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.



STANDARD EQUIPMENT

- 24" (61cm) Concave Turbo Blades with Samurai edge
- Heavy-duty C-shanks
- Auto-reset shanks
- 15" (38cm) shank spacing
- Single-point depth adjustment
- Heavy-wall 4"x6" (101x152mm) 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

| Max-Chisel™ | MC5109 | MC5111 | MC5313 | MC5315 |
|-------------------------------|--------------------------|---------------------|---------------------|---------------------|
| Recommended Use | Primary Tillage | | | |
| Blade Spacing Shank Spacing | 7.5" (19cm) 15" (38cm) | | | |
| Tillage Width | 11' 6" (3.51m) | 14' (4.27m) | 16' 6" (5.03m) | 19' (5.79m) |
| Transport Width | 14' 10" (4.52m) | 17' 4" (5.28m) | 14' 6" (4.42m) | 14' 6" (4.42m) |
| Transport Height | N/A | N/A | 10' 6" (3.20m) | 11' 3" (3.43m) |
| H.P. Requirements | 250+ | 300+ | 350+ | 400+ |
| Weight (lbs)* | 10,170 (4,613kg) | 12,430 (5,638kg) | 14,580 (6,613kg) | 16,820 (7,629kg) |

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*Approximate maximum weights with attachments

SUB-SOILER

VERTICAL TILLAGE

MODELS: SS0300 | SS1300 | SS1310 | SS1700 | SS1710 | SS1800 | SS2000

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" (30 to 40cm), 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" (9.53mm) wall tubing for added strength and durability. Units are available in 24", 30", 36", 38", or 40" (60, 76, 91, or 101cm) shank spacings. Shanks range in number from

3 on 30", 36", 38", and 40" (76, 91, 96 and 101cm) spacing up to 12 on 24" (61cm) spacing. Choose from two shank options: 3/4" (19mm) and 1 1/4" (31.75mm). The 3/4" (19mm) no-till shank and no-till point provide maximum shatter with minimum surface disturbance. The 1 1/4" (31.75mm) 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.



FEATURES & BENEFITS

- **24" and 30" (61 and 76cm) Shank Spacing Options** - The industry standard 30" (76cm) shank spacing requires 13" to 15" (33 to 38cm) operating depth to achieve uniform lateral fracture of the soil. Because some producers are limited to 10" to 12" (25 to 30cm) working depth, the 24" (61cm) shank spacing option ensures uniform lateral fracture at shallower working depths.
- **Choice of Auto-Reset or Shear Bolt Shank Mounts** - With 3,000 lb. (1,361 kg) 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" (31.75mm) Straight-Legged Shank or a ¾" (19mm) 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" (31.75mm) Straight-Legged Shanks are available in 2" or 7" (5 or 18cm) widths, and with or without fins (fins maximize blowout). The 2"-wide (5cm) point is the least aggressive, while the 7"-wide (18cm) point is the most aggressive and is used to cover more residue. A no-till point that is approximately 10" (25cm) wide is used with the ¾" (19mm) 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" (25mm) solid rods, the 16"-diameter (41cm) berm conditioners mounted to each shank help provide a level surface, enabling single-pass seedbed preparation.



STANDARD EQUIPMENT

- 20" (51cm) heavy-duty utility coulters
- Cat. III, Cat. IIIN, or Cat. IV hitch
- Adjustable gauge wheel with jack
- SMV sign
- LED safety lighting
- Replaceable wear shins
- 39" (99cm) of underframe clearance
- High-tensile tubing
- Rigid or Auto-Reset shanks

OPTIONAL EQUIPMENT

- Berm conditioner
- Inline hitch
- Sub-Soiler hitch
- Extension kits (SS1300, SS1310, SS1700, and SS1710 only)

| Sub-Soiler | SS0300 | SS1300 | SS1310 | SS1700 | SS1710 | SS1800 | SS2000 |
|--|---------------------------------------|---|---|---|---|---|--|
| Recommended Use | Primary Tillage | | | | | | |
| Shank Spacing | 27.5", 29.5" (70, 75cm) | 24", 30" (70, 75cm) | 36", 38", 40" (91, 96, 101cm) | 24", 30" (61, 76cm) | 36", 38", 40" (91, 96, 101cm) | 30", 36", 38", 40" (76, 91, 96, 101cm) | 24", 30", 36", 38", 40" (61, 76, 91, 96, 101cm) |
| Tillage Width | 6' 9" - 9' 9" (2.1 - 3.5m) | 7' 6" - 16' (2.3 - 3.01m) | | 15' - 23' 4" (4.57 - 7.13m) | | 17' 6" - 20' (5.36 - 6.09m) | 20' - 25' 4" (6.09 - 7.74m) |
| Transport Width | 9' 10" (3m) | 11' 2" - 16' 5" (3.4 - 4.87m) | | 13' 4" - 21' 2" (4 - 6.46m) | | 12' 9" - 13' 1" (3.9 - 4m) | 12' 9" - 15' 5" (3.9 - 7.72m) |
| Transport Height | N/A | | | | | | |
| H.P. Requirements | 150+ | | | 250+ | | 300+ | 350+ |
| Weight (lbs)* No-Till Shank Auto-Reset | 2,030 - 4,300 lbs (921 - 1,950 kg) | 2,339 - 3,778 lbs (1,061 - 1,714 kg) | 3,140 - 5,914 lbs (1,424 - 2,683 kg) | 2,925 - 4,148 lbs (1,327 - 1,882 kg) | 4,260 - 6,408 lbs (1,932 - 2,906 kg) | 4,850 - 5,125 lbs (2,200 - 2,325 kg) | 5,840 - 7,400 lbs (2,649 - 3,357 kg) |

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*Approximate maximum weights with attachments

DISK HARROW

CONVENTIONAL TILLAGE

MODELS: 7323DH | 7326DH | 7329DH | 7330DH | 7333DH | 7336DH

The 7000 Series Disk Harrow from Great Plains delivers reliable, quality conventional tillage in a highly competitive disk harrow market. Available in 23'-36' (7-11m) 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" (33cm), the 7000 Series Disk Harrow works the top 2-6" (5-15cm) of soil with its 24"- or 26"-diameter (61cm or 66 cm) 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 Speed-Blade aggressively powers through heavy residue, turning 5% faster than competitive notched blades, and it self-sharpens 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.



FEATURES & BENEFITS

- **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 locks 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. (10.7 kg), while welded spools used by competitors weigh only 11.01 lbs. (5 kg) 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" (33cm) allows for 24" or 26" (61cm or 66cm) 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 center frame when folding and unfolding, extending the life of the front and rear hinges and the frame.



STANDARD EQUIPMENT

- Single-point depth control
- Hydraulic leveling fore and aft
- LED safety lighting
- Ductile cast spools
- Heavy-duty 4"x6" (102 x 152mm) gang bars
- Exclusive PEER® Maintenance-Free Bearings
- Manual front gauge wheels (23', 26', and 30') (7, 7.9 and 9.1m)
- Hydraulic front gauge wheels (29', 33', and 36') (8.8, 10.1 and 11m)
- SMV sign and safety chain
- Cast Cat. III, Cat. IV, or Cat. V hitch
- Walking tandems on all centers and wings



DOUBLE OFFSET

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 last longer than blades with larger notches.



OPTIONAL EQUIPMENT

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

| Disk Harrow | 7323DH | 7326DH | 7329DH | 7330DH | 7333DH | 7336DH |
|-------------------|------------------------------------|-------------------------------|-------------------------------|----------------------------------|-----------------------------------|-----------------------------------|
| Recommended Use | Primary Tillage, Secondary Tillage | | | | | |
| Blade Spacing | 7.5" (19cm) 9" (23cm) | | | | | |
| Tillage Width | 22' 11" 23' 1" (6.9m 7.0m) | 25' 4" 26' (7.7m 7.9m) | 27' 8" 29' (8.4m 8.8m) | 30' 2" 30' 2" (9.2m 9.2m) | 32' 7" 33' 1" (9.9m 10.1m) | 36' 2" 35' 11" (11m 10.9m) |
| Transport Width | 14' (4.27m) | 14' (4.27m) | 14' (4.27m) | 18' 2" (5.55m) | 18' 2" (5.55m) | 18' 2" (5.55m) |
| Transport Height | 11' 6" (3.5m) | 12' 10" (3.91m) | 14' 2" (4.32m) | 12' 8" (3.86m) | 14' (4.27m) | 15' 3" (4.65m) |
| H.P. Requirements | 160+ | 182+ | 203+ | 210+ | 231+ | 252+ |
| Weight (lbs)* | 14,200 (6,441 kg) | 15,900 (7,212 kg) | 17,600 (7,983 kg) | 18,000 (8,165 kg) | 19,900 (9,026 kg) | 21,350 (9,684 kg) |

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*Approximate maximum weights with attachments

SHORT DISK™

MODELS: SD2600 | SD3000 | SD3300

CONVENTIONAL TILLAGE

To meet the demands of rugged North American terrain, the innovative Great Plains Short Disk™ employs parallel gangs for consistent, primary tillage. While traditional European short disks utilize 18-20" (46-51cm) diameter disc blades, the aggressive Short Disk is designed to endure high-residue field conditions with 24" (61cm) diameter discs that cut the ground up to 5" (13cm) deep, maximizing trash flow and leaving a smooth finish.

With the maneuverability of European disks, the American Short Disk from Great Plains accurately follows uneven ground contours and performs consistently in varying field conditions. In contrast to other parallel gang machines, the Short Disk's blades split center, throwing out from the front and in from the back to prevent "dog tracking" and

ensure a consistent cutout throughout the field.

All Short Disk models are equipped with the exclusive SpeedBlade™, which turns 5% faster than competitive concave blades in like field conditions. The aggressive, self-sharpening blade acts like a conventional notched blade by pulling itself through soil and residue, but its shallower notches allow for better residue cutting and longer blade life.

Short Disk also features exclusive PEER® Maintenance-Free Tapered-Roller Bearing Hubs with six-lip seals, as well as PEER® Maintenance-Free Bearings in the rolling attachments, extending the life of the bearings and reducing maintenance time and costs.



FEATURES & BENEFITS

- **Heavy-Duty Maintenance-Free Bearings** - Cast hubs with “preset” tapered roller bearings handle sidelading more reliably than competitive ball bearings. These maintenance-free bearings have a six-lip seal to lock in grease and prevent contamination.
- **Individual C-Shanks** - The 24" (61cm) blades are mounted on individual, heavy-duty C-shanks. These run at 18° on the front gangs and 14° on the back gangs, with 10" (25cm) spacing for excellent residue flow with effective cutout.
- **Buries More Residue** - The low-concavity SpeedBlade™ sizes and buries residue better than the industry-standard concave blades, with excellent cutout up to 5" (13cm) working depths.
- **Finishing Attachments** - The roller (consolidator) creates a uniform seedbed by breaking up clods and consolidating soil for uniform density. Other options include a rear basket or a coil tine harrow and basket.



Self-sharpens, so it stays sharper longer and maintains shape as it wears.

Turns 5% faster than competitive concave blades in like field conditions, which means less blade sliding and reduced compaction.

Can be equipped with optional scraper so blade stays clean in wet working conditions.

Pulls itself through soil and residue without the uneven cutout of a notched blade, allowing a shallower, more effective cut than most conventional notched blades.

Penetrates the ground better than a conventional blade, cutting heavy residue more effectively and efficiently with an improved blade edge.



STANDARD EQUIPMENT

- Hydraulic weight transfer
- 24" (61cm) concave SpeedBlade™
- 10" (25cm) blade spacing
- PEER® Maintenance-Free Tapered Bearings
- Cast Cat. III or Cat. IV hitch
- SMV sign and safety chain
- LED safety lighting

OPTIONAL EQUIPMENT

- Rolling basket with single spike
- Rolling basket
- Cast roller
- Hydraulic or rigid leveling
- Weight kit
- Blade scraper
- Gauge wheel kit

| Short Disk™ | SD2600 | SD3000 | SD3300 |
|-------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Recommended Use | Primary Tillage, Secondary Tillage | | |
| Blade Spacing | 10" (25cm) | | |
| Tillage Width | 26' 5" (8m) | 29' 6" (9m) | 33' 3" (10m) |
| Transport Width | 15' 3" (4.7m) | 15' 3" (4.7m) | 18' 7" (5.6m) |
| Transport Height | 12' 10" (4m) | 14' 3" (4.3m) | 14' 3" (4.3m) |
| H.P. Requirements | 300+ | 350+ | 400+ |
| Weight (lbs)* | 15,700 - 23,800 (7,121 - 10,796 kg) | 16,100 - 24,400 (7,303 - 11,068 kg) | 19,600 - 28,300 (8,890 - 12,837 kg) |

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

*Approximate maximum weights with attachments

LISTER CULTIVATOR/HIPPER BEDDER

CONVENTIONAL TILLAGE

MODELS: LC25 | LC40 | HB25 | HB40

The Lister Cultivator and Hipper Bedder from Great Plains are built with a focus on innovation, functionality, and toughness.

The LC25 and LC40 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" (76, 91, 97 and 102cm) options. Additional benefits include thicker mainframe walls for long-term durability, laser-cut depth gauges for precise row unit depth gauging, wider depth-gauging coulter mountings for added strength and stability, and triple-bar center frame support for greater reliability.

The Hipper Bedder, a variation of the Lister Cultivator, is designed to work in the heavy soils of the USA 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" (91, 97, or 102cm)), with 22" (56cm) and 24" (61cm) blade combinations, or narrow row spacing (30" (76cm)), with 20" (51cm) and 22" (56cm) blade combinations.



FEATURES & BENEFITS

- **Multiple Row Unit Configurations** - Choices on Lister Cultivators include short or long lister bodies, or short or long cultivator bodies with sweeps and optional barring-off discs. Depth coulters or depth tires are available on either configuration, and side shields can be added.
- **Depth-Gauging Coulters** - 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.



LC25



HB40

STANDARD EQUIPMENT

- 3/3N or 4/4W 3-point hitch
- Choice of row units (LC Models)
- 3/8" (9.5mm) wall tubing
- Heavy-duty parking stands
- Wider center yokes
- Laser-cut depth gauges with "positive lock"
- LED safety lighting
- SMV sign and safety chain
- Heavy 2-1/4" (57mm) pins in upper parallel arm pivot
- Wing frames lock rigid with 2" (51mm) pins
- Center 7"x7" (18x18cm) frame with 1/2" (13mm) wall

OPTIONAL EQUIPMENT

- Barring-off disc row assembly
- Cultivator shield assembly
- Notched or smooth blades (Hipper Bedder)
- Gauge wheel (Hipper Bedder)
- Wear guard kit (Hipper Bedder)



MULTIPLE ROW CONFIGURATIONS

BLADE ANGLE ADJUSTMENT BOLT

| Model | Lister Cultivator LC25 | | | | Hipper Bedder HB25 | | | | Lister Cultivator LC40 | | | | Hipper Bedder HB40 | | | |
|---------------------|------------------------------------|-------------|----------------------------------|--------------|----------------------------------|-------------|----------------------------------|--------------|------------------------------------|---------------|------------------------------------|---------------|-----------------------------------|-------------|------------------------------------|-------------|
| Option | 0830 | 0836 | 0838 | 0840 | 0830 | 0836 | 0838 | 0840 | 1236 | 1238 | 1240 | 1630 | 1236 | 1238 | 1240 | 1630 |
| Recommended Use | Primary Tillage, Secondary Tillage | | | | | | | | | | | | | | | |
| Row Spacing (cm) | 30" (76) | 36" (91) | 38" (97) | 40" (102) | 30" (76) | 36" (91) | 38" (97) | 40" (102) | 36" (91) | 38" (97) | 40" (102) | 30" (76cm) | 36" (91) | 38" (97) | 40" (102) | 30" (76) |
| Tillage Width | 21' 3" (6.5m) | | 27' 11" (8.5m) | | 21' 3" (6.5m) | | 27' 11" (8.5m) | | 41' (104cm) | | | | 41' (104cm) | | | |
| Transport Width | 21' 3" (6.5m) | | 27' 11" (8.5m) | | 21' 3" (6.5m) | | 27' 11" (8.5m) | | 26' (7.9) | 24' 8" (7.5m) | | 26' (7.9m) | 25' 9" (7.8) | | 24' 8" (7.5m) | |
| Transport Height | 6' 4 1/2" (1.94m) | | | | | | | | 14' 8" (4.47m) | | | | 14' 8" (4.47m) | | | |
| H.P. Requirements | 170+ | | | | | | | | 250+ | | 320+ | | 250+ | | 320+ | |
| Weight* lbs (kg) | 5750 - 7050 (2,608 - 3,198) | | 6,000 - 7,300 (2,722 - 3,311) | | 4,900 - 5,700 (2,223 - 2,585) | | 5,100 - 5,900 (2,313 - 2,676) | | 11,000 - 13,000 (4,989 - 5,897) | | 13,000 - 15,500 (5,897 - 7,031) | | 9,600 - 11,000 (4,354 - 4,990) | | 10,800 - 12,400 (4,899 - 5,625) | |

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

*Approximate maximum weights with attachments

Our Mission

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

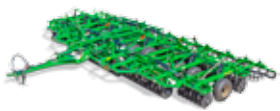
1. Delight our customers
2. Provide a rewarding workplace for our employees
3. Generate profits for stability and growth



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.

Great Plains Ag Products



VERTICAL TILLAGE



CONVENTIONAL TILLAGE



HD DRILLS



MIN-TILL DRILLS



NO-TILL DRILLS



AIR DRILLS



COMPACT DRILLS



YIELD-PRO® PLANTERS



FERTILIZER APPLICATORS



SPRAYERS



ROTARY CUTTERS



PLANTING COMPONENTS

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