

# TILLAGE EQUIPMENT

# Farm King

Offset Disc | Tandem Disc | Cultivator | Chisel Cultivator | Chisel Plow



# Introducing Farm King Tillage: Offset Discs, Tandem Discs, Cultivators, Chisel Cultivators and Chisel Plows



## FARM KING PRODUCT LINE-UP

### FARM KING PRODUCT CATEGORIES

Grain Handling

Tillage

Application Equipment

Hay Tools

Landscaping Equipment

Allied by Farm King - Commercial Products

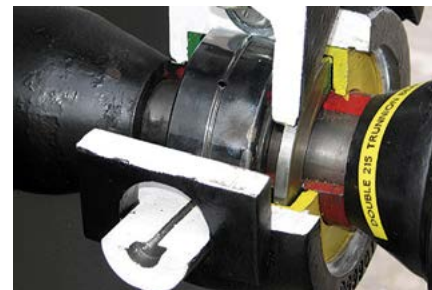
[WWW.FARM-KING.COM](http://WWW.FARM-KING.COM)

## THE QUALITY YOU'VE COME TO EXPECT FROM FARM KING IS NOW AVAILABLE IN A COMPLETE LINE OF TILLAGE.

Farm King tillage has been proven over thousands of acres and more than five decades of breaking land. Designed to meet the needs of farmers and contractors, every piece of Farm King tillage uses an overbuilt and heavy-duty design. Farm King offers a full line of offset and tandem discs, in addition to a line of cultivators, chisel plows and chisel cultivators.

## TABLE OF CONTENTS

OFFSET DISC.....	4-11
- Model 1225.....	6
- Model 1275.....	7
- Model 1375.....	8
- Model 8850.....	9
- Specifications.....	10-11
TANDEM DISC.....	12
- Models 395.....	14
- Models 4490, 4590.....	15
- Models 6650, 6650LTF.....	16
- Models 8700, 8700LTF.....	17
- Specifications.....	18-19
CULTIVATOR / CHISEL CULTIVATOR / CHISEL PLOW .....	20
- Model 5550.....	22-23
- Model 7450.....	24-25
- Model 6000.....	26-27
WARRANTY.....	27



### 410 WSS SERIES HEAVY-DUTY BEARINGS

Exclusive to Farm King the 410 WSS series bearings are an excellent choice for owners looking for a medium to heavy-duty bearing. Rated at 14,100 lb radial load rating, the bearing has seven 15/16" steel ball bearings that are contained within a greaseable housing. The bearing features triple lip seals that resist damage from over-greasing and seal guards protect the seals from rock damage or material wrapping around the gang shaft. The 410 WSS bearing uses a bolt-on cast housing that allows self-alignment which minimizes wear.

### T2-215 TRUNNION MOUNTED BEARINGS

Another Farm King exclusive the T2-215 series bearings are trunnion mounted to provide positive alignment and handle gang shaft deflection that results from shock loads. Two 215 series ball bearings are positioned back-to-back within the oversized regreaseable housing. Each 215 bearing uses eleven 11/16" steel ball bearings and each T2-215 bearing unit is rated at 22,800 lb radial load rating at 33-1/3 rpm. Housing design makes it simple to remove gangs by removing one bolt per bearing housing.



### FULL FLOATING HITCH

A floating hitch allows the implement to follow irregular ground contours closely. Unlike conventional hitch designs, the floating hitch moves up or down with the tractor without interfering with the operation of the implement. If an obstruction is encountered, the implement simply rolls over it without transferring weight to the front gangs. Blade and bearing damage can be significantly reduced. A spring-cushioned screw crank is provided to make short work of leveling the disc from front to rear. The full floating hitch is standard on all tandem discs, cultivators, chisel cultivators, chisel plows and model 1375 and 8550 offset discs.

## OFFSET DISC

### PRODUCT OVERVIEW

For primary and secondary tillage

Models 1375 and 8550 are built primarily for construction

10' to 20' (3.0 to 6.1 m) working widths

### FEATURES

Auto self-leveling hitch

T2-215 trunnion mounted bearing, (optional on model 1225)

### OPTIONS\*

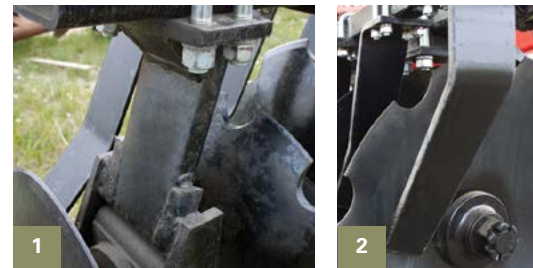
Stone flex hangers

\*See specifications for full options list.



# OFFSET DISC

## Models 1225, 1275, 1375, 8550



### Standard Rigid Hanger

Heavy built rigid hangers hold strong in the most extreme conditions. The 1225 and 1275 use hangers fabricated from solid 1-1/4" high strength steel and clamped onto the gang beam with U-bolts. Models 1375 and 8550 uses hangers fabricated from rectangular steel tubing. Both hangers have a slim line contour that gives maximum strength combined with excellent crop residue clearance.

### Blade Scrapers

All Farm King discs feature one piece, 4" wide blade scrapers made of carbon steel for long wear life. The scrapers are U-bolt mounted for maximum adjustment on a heavy-duty tubular steel bar. All

scrapers are located high end to the inside of the blade for maximum crop residue flow and to reduce draft requirements.

### Removable Spindle Axles

Farm King offset discs are built with maintenance concerns in mind. All spindle axles are designed for easy removal and maximum strength. Each spindle is bolted into a sleeve and can be removed by simply removing the bolt and pulling out the axle. This will save valuable time if repairs to a tire are needed.

### Adjustable Gang Angle

The cut angle on Farm King Offset Discs can be adjusted to one of three settings (two on the 8550)

depending on the aggression required. Moisture, soil conditions and crop residue levels change from season to season and only a disc with an adjustable gang angle will perform well in these varying conditions.

### Positive Depth Control

A 5-1/2" heavy-duty rockshaft, in greaseable bearings, is the foundation of the single offset disc's depth control system. A single cylinder with positive depth control segments provides consistent and repeatable working depth. An adjustable crank allows the operator to regulate the balance of pressure on both front and rear gangs.



## FARM KING OFFSET DISCS ARE AVAILABLE IN FOUR WEIGHT CLASSES RANGING FROM 550 LB/FT TO 1050 LB/FT (818 TO 1563 KG/M).

Designed to be stronger and last longer, Farm King discs feature extreme duty bearings and optional interlocking 1/2 spools and the industry's strongest and tightest gangs with steel fabricated spools torqued to an impressive 3,200 ft-lb.

**[1]** Standard Rigid Hanger **[2]** Blade Scrapers **[3]** Adjustable Gang Angle **[4]** Positive Depth Control **[5]** Removable Spindle Axles **[6]** Steel Fabricated Spools **[7]** Large gang shaft **[8]** Furrow filler blade



### Steel Fabricated Spools

Farm King discs feature fabricated steel half and full spools. Unlike cast iron spools, steel spools can withstand far greater "shock loads" from rocks or stumps thereby eliminating spool breakage. Compressed to maximum density prior to assembly, Farm King's fabricated spools ensure the gang will not shift and become loose.

### Large Gang Shaft

All Farm King discs feature a large 1-15/16" diameter, high carbon steel gang shaft. This gang shaft along with Farm King's steel fabricated spools allows the gang assembly to be torqued at the factory to 3200 ft-lb.

### Furrow Filler Blades

In order to get the most uniform and consistent field finish, Farm King offset discs have furrow filler blades as standard equipment. On larger working widths two furrow fillers are standard, one 4" smaller than the working blades and one 8" smaller (only one furrow filler is used on model 8550). One furrow filler blade that is 4" smaller than the working blades is standard on smaller working widths. These blades along with full sized blades to create a uniform well-worked field.





## Offset Disc - Model 1225

### PRODUCT OVERVIEW

For primary and secondary tillage operations

Weight class - 550 lb/ft (818 kg/m)

Working widths - 10' to 20'  
(3.0 to 6.1 m)

### FEATURES

Auto self-leveling hitch

410 WSS series bearings

1-15/16" high carbon steel gang shaft

Steel fabricated spools, 5.5" (140 mm) Dia. O.D.

### OPTIONS\*

T2-215 series trunnion mounted bearings

### AVAILABLE COLORS

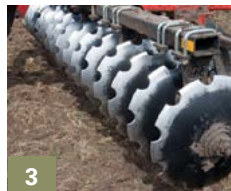
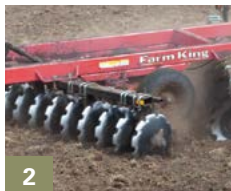


\*See specifications for full options list.

## THE FARM KING 1225 DISC IS AN ALL-PURPOSE OFFSET THAT PROVIDES THE FLEXIBILITY OF A PRIMARY OR SECONDARY TILLAGE PIECE.

The 1225 is designed to manage corn stalks and heavy residue, as well as break hay fields and heavy pasture. The 1225 can also prepare a smooth seed bed for planting. Blade spacing options of 9" and 10.5" (230 and 267 mm) allow everything from primary tillage to secondary and finishing operations.

- 1. Frame** - The all-welded frame is constructed of 6" x 4" x 3/8" (152 x 102 x 9 mm) high tensile tubing.
- 2. Adjustable Gang Angle** - 3 angles adjustment, 19° for light work 22° for standard field work and 25° for the most aggressive ground penetration.
- 3. Blades** - 24", 26", 28" (610, 660, 711 mm) available in notched and smooth.
- 4. 410 WSS Series Bearings** - Standard on model 1225 with triple lip seals.
- 5. T2-215 Series Bearings** - Two 215 series bearings are contained within a massive greaseable trunnion type housing.
- 6. Safety Light Kit** - Standard on all models.





## Offset Disc - Model 1275

### PRODUCT OVERVIEW

Manage heavy crop residue in high residue crops

Weight class - 650 lb/ft (967 kg/m)

Working widths - 10' to 20'  
(3.0 to 6.0 m)

### FEATURES

Auto self-leveling hitch

T2-215 series trunnion mounted bearings

### OPTIONS\*

Stone flex hangers

Keyed gangshaft, optional on 28" and 30" blades

Interlocking half spools with broached head washers and keyed gang shafts.

### AVAILABLE COLORS



\*See specifications for full options list.

## MODEL 1275

## THE MODEL 1275 FARM KING OFFSET IS AN EXCELLENT PRIMARY TILLAGE TOOL.

Designed for forage breaking and heavy residue this disc is perfect for all agricultural applications and light industrial work. The 1275 is available in working widths from 10' to 20' and 10.5" or 12" blade spacings.



1. Frame - The all-welded frame is constructed of 8" x 4" x 3/8" (203 x 102 x 9 mm) high tensile tubing.
2. Adjustable Gang Angle - 3 angles adjustment, 19° for light work 22° for standard field work and 25° for the most aggressive ground penetration.
3. Blades - 26" and 28" (660 and 711 mm) available in notched and smooth.
4. T2-215 Series Bearings - Two 215 series bearings are contained within a massive greaseable trunnion type housing.
5. Safety Light Kit - Standard on all models.
6. Keyed Gangshaft - ensures a positive locking engagement for the complete gang assembly. Optional on 28" and 30" blades.

# ALLIED

by Farm King



## MODEL 1375

### Offset Disc - Model 1375

#### PRODUCT OVERVIEW

For primary and secondary tillage operations

Weight class - 750 lb/ft (1116 kg/m)

Working widths - 10' to 20' (3.0 to 6.1 m)

#### FEATURES

Auto self-leveling hitch

Full floating hitch

T2-215 series trunnion mounted bearings

Interlocking half spools with broached head washers and keyed gang shafts

Disc blades - 28" x 3/8" (711 x 9 mm), notched

#### OPTIONS\*

30" x 3/8" (711 x 9 mm) blades

Bearing Wear Plates

#### AVAILABLE COLORS



\*See specifications for full options list.

## THE FARM KING 1375 DISC IS A HEAVY-DUTY OFFSET THAT PROVIDES THE FLEXIBILITY OF A PRIMARY OR SECONDARY TILLAGE PIECE.

The Farm King 1375 Offset Disc has the same 8" x 4" x 3/8" (203 x 102 x 9 mm) steel tube frame as the 1275, but with ballast for extra weight, the 1375 is ready for serious work. All this weight and strength combines for a 361 lb (164 kg) average weight per blade. Available in 12" (305 mm) blade spacing.

1. Tires - (4) 11 L x 15 FI.
2. T2-215 Series Bearings - with special drive lug spools combine to create the toughest bearing assembly in the industry.
3. Blades - 28" x 3/8" (711 x 9 mm) notched blades are standard equipment; 30" x 3/8" (762 x 9 mm) are optional.
4. Scrapers - Heavy-duty scrapers are standard equipment.
5. Gang Assembly - Torqued to 3,200 ft-lbs with fabricated steel full spools, interlocking half spools with keyed gang shafts and broached head washers means this is the heaviest, most durable gang design in the industry.
6. Keyed Gangshaft - ensures a positive locking engagement for the complete gang assembly. Standard on 28" and larger blades.







## Offset Disc - Model 8550

### PRODUCT OVERVIEW

For the most demanding operations in construction, agriculture and the mining industry

Weight class - 1050 lb/ft (1563 kg/m)

Working widths - 9.5' to 15.5' (2.9 to 4.7 m)

### FEATURES

Auto self-leveling hitch

Full floating hitch

T2-215 series trunnion mounted bearings

Interlocking half spools with broached head washers and keyed gang shafts

Disc blades - 32" x 1/2" (813 x 12 mm), notched

### OPTIONS\*

Bearing Wear Plates

### AVAILABLE COLORS



\*See specifications for full options list.

## THE 8550 FROM ALLIED BY FARM KING IS A HEAVY-DUTY DISC DESIGNED FOR HEAVY CONSTRUCTION AND MINING APPLICATIONS AND THE MOST DEMANDING AGRICULTURAL JOBS.

The 8550 features a floating hitch to ensure a smooth level finish on all jobs. Available in 9-1/2 to 15-1/2' widths the 8550 comes with a standard 14" (356 mm) blade spacing. The all-welded frame is constructed of 10" x 4" x 1/2" (254 x 102 x 13 mm) steel tubing.



1. Tires - (4) 12.5 L x 15 FI load range 'F'.
2. T2-215 Series Bearings - with special drive lug spools combine to create the toughest bearing assembly in the industry.
3. Blades - 32" x 1/2" notched blades are standard equipment.
4. Scrapers - Heavy-duty scrapers are standard equipment.
5. Gang Assembly - Torqued to 3,200 ft-lbs with fabricated steel full spools, interlocking half spools with keyed gang shafts and broached head washers means this is the heaviest, most durable gang design in the industry.
6. Keyed Gangshaft - ensures a positive locking engagement for the complete gang assembly. Standard on 28" and larger blades.



### Stone Flex Hanger

For those who want added protection flex hangers are available as an option. With the extreme thrust forces present on a disc and potential for large rocks in some areas, the stone flex hanger is a perfect choice for absorbing shock loads. The 1-1/4" x 2-1/2" C-shaped spring steel reacts to both vertical, but more importantly, horizontal forces. Disc blade penetration is not compromised.

### Pan-Style (Moldboard) Scrapers

Available on models 1225, 1275 and 1375, pan-style scrapers contact lower down on the disc blade to provide more effective cleaning and prevent sticky soil from building up. As a result, blades cut cleaner and draft is lighter. Scraper material is a boron alloy steel for enhanced wear characteristics. All scrapers are adjustable individually or as a group for optimum field performance.

### Disc Blades

Quality disc implements start with quality blades. All Farm King discs feature the latest technology in micro alloy boron steel blades that combine the important performance characteristics of superior breakage resistance - with long wearing abrasion-resistant hardness.



### Full Floating Hitch

This feature is standard on the heavier 1375 and 8550 models and is not available on competitive discs. A floating hitch is important in that it allows the disc to follow irregular ground contours closely. Unlike conventional hitch designs, the floating hitch moves up or down with the tractor without interfering with the operation of the disc. If an obstruction is encountered, the disc simply rolls over it without transferring weight to the front gangs. Blade and bearing damage can be significantly reduced. A spring-cushioned screw crank is provided to make short work of leveling the disc front to rear.

Standard Equipment	Optional Equipment
Models 1225 and 1275	
Auto self-leveling	Stone flex hangers
Hitch jack	Gang angle adjustment wrench set
Gang wrench socket	Clevis hitch
Furrow filler blades	Notched or smooth blades
4" wide scrapers	Interlocking half spool
1-1/4" bearing hangers	Wide pan scrapers
Safety light and safety chain	Bearing wear plates (for T2-215 only)
Tires: (4) 11L x 15 FI	Bearing crop residue guards
Depth control segments	

Standard Equipment	Optional Equipment
Models 1375 and 8550	
Full floating hitch	Bearing wear plates
Interlocking half spools with broached head washers and keyed gang shaft	Gang angle adjustment wrench set (1375)
Safety light and safety chain	Notched or smooth blades (1375)
6" x 3" x 3/8" rigid steel bearing hangers	Bearing crop residue guards (1375)
Furrow filler blade(s)	
Tires: (4) 11 L x 15 FI (1375); 12.5 L x 15 FI (8550)	
Depth control segments	
4" wide scraper	
Gang wrench socket	

Model	1225		1275	
Blade Spacing	9" (230 mm)	10.5" (267 mm)	10.5" (267 mm)	12" (305 mm)
Width, working	10' to 20' (3 to 6.1 m)	10' to 20' (3.0 to 6.1 m)	10' to 20' (3.0 to 6.1 m)	10' to 20' (3.0 to 6.1 m)
Width, transport	2.5' (762 mm) wider than working width		2.5' (762 mm) wider than working width	
Weight	603 lb/ft (897 kg/m)	565 lb/ft (841 kg/m)	603 lb/ft (897 kg/m)	651 lb/ft (969 kg/m)
Weight, per blade	242 lb (110 kg)	266 lb (121 kg)	297 lb (135 kg)	340 lb (154 kg)
Horsepower required*	5.5 to 7 DBHP/ft	6 to 8 DBHP/ft	7 to 9 DBHP/ft	7 to 9 DBHP/ft
<b>STRUCTURE</b>				
Frame	6" x 4" x 3/8" (152 x 102 x 9 mm)		8" x 4" x 3/8" (203 x 102 x 9 mm)	
Gang beam size	6" x 4" x 3/8" (152 x 102 x 9 mm)		6" x 4" x 3/8" (152 x 102 x 9 mm)	
Hitch, length	92" (2.33 m)	92" (2.33 m)	92" (2.33 m)	92" (2.33 m)
Hanger, std.	Rigid, U-Bolt Mounted	Rigid, U-Bolt Mounted	Rigid, U-Bolt Mounted	Rigid, U-Bolt Mounted
Hanger, opt. stone flex	1.25" x 2.5" (32 x 64 mm)	1.25" x 2.5" (32 x 64 mm)	1.25" x 2.5" (32 x 64 mm)	1.25" x 2.5" (32 x 64 mm)
Gang shaft	1-15/16" (49 mm)	1-15/16" (49 mm)	1-15/16" (49 mm)	1-15/16" (49 mm)
Spools, steel fabricated	5-1/2" (140 mm) Dia. O.D.	5-1/2" (140 mm) Dia. O.D.	6-5/8" (159 mm) Dia. O.D.	6-5/8" (159 mm) Dia. O.D.
Bearings	410 WSS series	410 WSS / T2-215 series	T2-215 series trunnion mounted, regreaseable, 22,800 lb radial load rating	
Gang angle	25°, 22°, 19° F & R	25°, 22°, 19° F & R	25°, 22°, 19° F & R	25°, 22°, 19° F & R
<b>BLADES</b>				
Blade sizes, notched/smooth	24" x 5/16" (610 x 8 mm)	24" x 5/16" (610 x 8 mm)	26" x 5/16" (660 x 8 mm)	26" x 5/16" (660 x 8 mm)
Blade sizes, optional, smooth	24" x 5/16" (610 x 8 mm) 26" x 5/16" (660 x 8 mm)	-	-	-
Blade sizes, optional notched/smooth	26" x 5/16" (660 x 8 mm)	26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm) 28" x 3/8" (711 x 9 mm)	26" x 5/6" (660 x 8 mm) 28" x 3/8" (711 x 9 mm)	26" x 5/6" (660 x 8 mm) 28" x 3/8" (711 x 9 mm) 30" x 3/8" (762 x 9 mm)
<b>FEATURES</b>				
Adjustable rigid scrapers	4" High Carbon Steel	4" High Carbon Steel	4" High Carbon Steel	4" High Carbon Steel
Tires	11L x 15 FI	11L x 15 FI	11L x 15 FI	11L x 15 FI
Depth control	Single 4" x 12" (102 x 305 mm) hydraulic cylinder c/w depth control segments		Single 4" x 12" (102 x 305 mm) hydraulic cylinder c/w depth control segments	

\*Depends on working depth, soil type, field speed, etc.

Model	1375	8550
Blade Spacing	12" (305 mm)	14" (356 mm)
Width, working	10' to 20' (3.0 to 6.1 m)	9.5' to 15.5' (2.9 to 4.7 m)
Width, transport	2.5' (762 mm) wider than working width	
Weight class	750 lb/ft (1,116 kg/m)	1050 lb/ft (1562 kg/m)
Weight, per blade	361 lb (164 kg)	636 lb (288 kg)
Horsepower required*	8 to 9 DBHP/ft	15 to 25 DBHP/ft
<b>STRUCTURE</b>		
Frame	8" x 4" x 3/8", ballasted (203 x 102 mm)	10" x 4" x 1/2" (254 x 102 x 13 mm)
Gang beam size	6" x 4" x 3/8" (152 x 102 x 9 mm)	10" x 4" x 1/2" (254 x 102 x 13 mm)
Hitch, length	92" (2.33 m)	92" (2.33 m), floating hitch
Hanger, standard	Rigid, U-Bolt Mounted	Rigid, U-Bolt Mounted
Gang shaft	1-15/16" (49 mm)	1-15/16" (49 mm)
Spools, steel fabricated	6-5/8" (159 mm) Dia. O.D.	Steel fabricated c/w locking drive lug half spools
Bearings	T2-215 series trunnion mounted, regreaseable, 22,800 lb (10342 kg) radial load rating	T2-215 series trunnion mounted, regreaseable, 22,800 lb (10342 kg) radial load rating
Gang angle	25°, 22°, 19° F & R	25°, 22° F & R
<b>BLADES</b>		
Blade sizes, notched	28" x 3/8" (711 x 9 mm)	32" x 1/2" (813 x 12 mm)
Blade sizes, optional, notched/smooth	30" x 3/8" (762 x 9 mm)	32" x 1/2" (813 x 12 mm)
<b>FEATURES</b>		
Adjustable rigid scrapers	4" High Carbon Steel	4" x 3/4" (102 x 19 mm) steel
Tires	11L x 15 FI	12.5 L x 15 FI
Depth control	Single 4" x 12" (102 x 305 mm) hydraulic cylinder c/w depth control segments	

\*Depends on working depth, soil type, field speed, etc.

## TANDEM DISC

### PRODUCT OVERVIEW

For primary and secondary tillage

11.5' to 42.5' (3.2 to 8.5 m)  
working widths

350 to 700 lb/ft (521 to 1042 kg/m)  
weight class

### FEATURES

Full floating hitch (except Model 395)

211 / 410 WSS /  
T2-215 series bearings

### OPTIONS\*

Stone flex hangers

\*See specifications for full options list.



## TANDEM DISC

Models 395, 4490, 4590,  
6650, 6650LTF, 8700, 8700LTF



### Standard Rigid Hanger

Heavy built rigid bearing hangers hold strong in the most extreme conditions. The slimline hanger design is contoured for best residue flow through the gangs. Models 4490 and 4590 hangers are formed 5/8" solid steel and reinforced for additional strength. 6650/ 6650-LTF, 8700 and 8700-LTF models use hangers constructed from 1-1/4" welded steel. All hangers are u-bolt mounted to the gang beams for ease of adjustment. Stone-Flex hangers are available as an option on all Tandem Disc models.

### Blade Scrapers

All Farm King discs feature one piece, 4" wide blade scrapers made of carbon steel for long wear life. The scrapers are U-bolt mounted for maximum adjustment on a heavy-duty tubular steel bar. The

leading edge of each scraper is located near the center of the blade for maximum crop residue flow and to reduce draft requirements.

### Staggered Front Gangs

Staggered, overlapping front gangs are standard (except for Model 395) and ensure that all soil at the center of the disc is cut out cleanly and evenly eliminating the need for a center shank or bulk buster.

### Transport

Standard hydraulic lockout valves prevent accidental operation of either the lift or wing cylinders when the disc is being transported. Low transport fold models 6650LTF and 8700LTF have a transport height of 14' (4.3 m).

### Removable Spindle Axles

Farm King tandem discs are built with maintenance concerns in mind. All spindle axles are designed for easy removal and maximum strength. Each spindle is bolted into a sleeve and can be removed by simply removing the bolt and pulling out the axle. This will save valuable time if repairs to a tire are needed.

### Steel Fabricated Spools

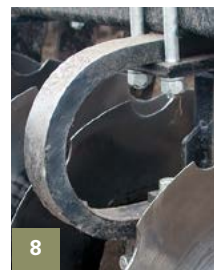
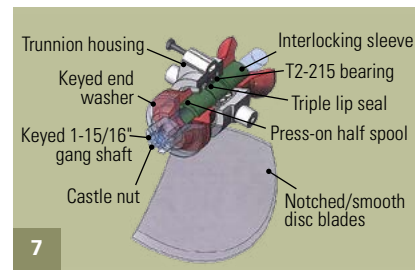
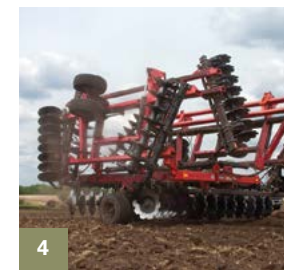
Farm King discs feature fabricated steel half and full spools. Unlike ductile cast spools, steel spools can withstand far greater "shock loads" from rocks or stumps thereby eliminating spool breakage. Compressed to maximum density prior to assembly, Farm King's fabricated spools ensure the gang will not shift and become loose.



## FARM KING TANDEM DISCS ARE BUILT TO HANDLE AND INCORPORATE HEAVY CROP RESIDUE.

Using a one of a kind floating hitch, Farm King tandem discs leave a more level finish when compared to competitive units. All Farm King disc gangs are torqued to an unparalleled 3,200 ft-lb of torque. Steel fabricated spools are built to withstand heavy shock loads and prevent gangs from slipping. Farm King discs are also built using the best bearings in the industry, so you stay in the field until the job is done.

**[1]** Standard Rigid Hanger **[2]** Blade Scrapers **[3]** Staggered Front Gangs **[4]** Transport **[5]** Removable Spindle Axles **[6]** Steel Fabricated Spools **[7]** Interlocking half spools with broached head washer and keyed gang shaft **[8]** Large Gang Shaft



### Furrow Filler Blades

In order to get the most uniform and consistent field finish, Farm King tandem discs have furrow filler blades as standard equipment. The first are 4" smaller than the working blades and the second set are 8" smaller. These blades work with the full size blades to create a uniform well-worked field.

### Rephasing Hydraulic Lift System

Depth stop segments are supplied with each disc to ensure continuous same-depth tilling. Each of the wing frames can be easily leveled using a conveniently located eye-bolt adjustment. Cylinder arms on each of the rockshafts are equipped with replaceable hardened wear bushings for prolonged trouble free performance.

### Stone Flex Hanger (option)

For those who want additional protection, stone flex hangers are available as an option. With the extreme thrust forces present on a disc and potential for large rocks in some areas, the stone flex hanger is a perfect choice for absorbing shock loads. The C-shaped spring steel reacts to both vertical horizontal forces. Disc blade penetration is not compromised.

### Tandem Walking Beam Axle

Standard equipment on the main frame, each walking beam pivots on greaseable bushings to improve weight distribution and stability when being transported.

### Large Gang Shaft

All Farm King discs feature a large 1-15/16" diameter, high carbon steel gang shaft. This gang shaft along with Farm King's steel fabricated spools allows the gang assembly to be torqued at the factory to 3200 ft-lb.

### Interlocking Half Spool

This exclusive Farm King feature ensures that each bearing sleeve interlocks with adjoining half spools to provide positive drive to blades and reduces possibility of blades turning on the gang shaft. Optional with 26" blades, standard with 28" and larger (available on 10.5" and 12" spacing only).



## Tandem Disc - Model 395

### PRODUCT OVERVIEW

For primary and secondary tillage operations

Weight class - 350 lb/ft (521 kg/m)

Working widths - 11.5' to 20'  
(3.2 to 6.1 m)

### FEATURES

Auto self-leveling hitch

Center shank with 10" sweep

211 series bearing

Steel fabricated spoons, 5" (127 mm) Dia. O.D.

### OPTIONS\*

Stone flex hangers

### AVAILABLE COLORS



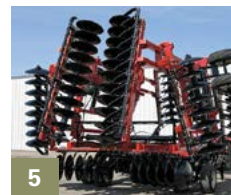
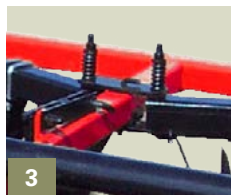
\*See specifications for full options list.

## MODEL 395

### THE 395 MODEL IS A MEDIUM WEIGHT, 350 LB/FT (521 KG/M) WEIGHT CLASS, SINGLE SECTION TANDEM DISC.

Available in sizes from 11.5' to 20' (3.2 - 6.1 m) with a choice of 8" or 9" (203 or 230 mm) blade spacing. Use for secondary tillage, seedbed preparation or primary tillage where conditions are suitable.

1. Frame - welded, 4" x 4" (102 x 102 mm) tubular steel frame.
2. Main frame rockshaft - Constructed of 5.5" (140 mm) diameter heavy wall tubing, the rockshaft rotates freely in greaseable bearing saddles.
3. Spring loaded gang beams are standard equipment on the model 395. This feature provides additional protection to both blades and bearings from impact force.
4. 211 Series Bearings - 7,520 lb load rating, are an excellent match for this weight class machine.
5. Adjustable gang angle - four position adjustable gang angle front and rear is standard equipment on the model 395 so operators can fine tune the disc to perform well in a wide variety of field conditions.
6. Hubs - 6 bolt hubs with 11Lx15 FI tires are standard equipment on the model 395.





## Tandem Disc - Models 4490/4590

**PRODUCT OVERVIEW**

Secondary Tillage / Seedbed preparation

Weight class - 500 lb/ft (744 kg)

Working widths - 18' to 40.5' (5.5 to 12.3 m)

**FEATURES**

Auto self-leveling hitch

Full floating hitch, moves up/down with tractor drawbar

410 WSS series bearing, model 4590

211 series bearing, model 4490

**OPTIONS\***

410 WSS series bearing, model 4490

**AVAILABLE COLORS**

\*See specifications for full options list.

## MODELS 4490 AND 4590

## THE FARM KING MODEL 4490 AND 4590 ARE MULTI-PURPOSE DISCS WITH THE ABILITY TO WORK IN PRIMARY RESIDUE OR TO PREPARE A SMOOTH SEED BED.

Available in 8" and 9" (203, 230 mm) spacing the 4490 and 4590 range in working widths from 18' to 40.5' (5.5 to 12.3 m). The Farm King full floating hitch puts the 4490 and 4590 in a class of their own.



- 1. Frame** - The rugged all-welded frame is constructed of 4" x 4" high tensile tubing. Fore/aft beams on both the main and wide wing frames are doubled for additional strength.
- 2. Forward-action wheel legs** - located on the wings help produce a level field finish by providing support to the front gangs which reduces ridging or gouging.
- 3. Blades** - 22", 24", 26" (559, 610, 660 mm) available in notched and smooth.
- 4. Tires** - 11L x 15 FI tires are standard on the model 4490 and smaller width 4590 machines. Larger sizes of the model 4590 use 12.5Lx15 FI tires on the main frame with 11L x 15 FI tires on the wings.
- 5. 410 WSS Series Bearings** - standard on model 4590, with triple lip seals. Optional on model 4490.
- 6. Stone Flex Hanger** - Optional on both models.



## Tandem Disc - Models 6650/6650LTF

**PRODUCT OVERVIEW**

For primary and secondary tillage operations

Weight class - 600 lb/ft (892 kg/m)

Working widths - 25' to 42'  
(7.6 to 12.8 m)

**FEATURES**

Auto self-leveling hitch

Full floating hitch, moves up/down  
with tractor drawbar

410 WSS series bearings / T2-215 optional

Steel fabricated spools, 5.5" (140 mm) Dia. O.D.

**OPTIONS\***

T2-215 series trunnion mounted bearings

**AVAILABLE COLORS**

\*See specifications for full options list.

## THE FARM KING 6650 AND 6650LTF PROVIDE OUTSTANDING GROUND PENETRATION AND UNPARALLELED CROP RESIDUE HANDLING ABILITY.

Featuring the industry's heaviest bearings and steel fabricated spools the 6650 and 6650LTF are built to stand up in all conditions. A full floating hitch maximizes the functionality of the disc. The 6650LTF model features folding wing design with results in 14' (4.3 m) transport height.

1. Frame - Welded, 6" x 4" (152 x 102 mm) tubular steel frame.
2. Main frame rockshaft - Constructed of 5.5" (140 mm) diameter heavy wall tubing, the rockshaft rotates freely in greaseable bearing saddles.
3. Forward-action wheel legs - on the wings promote a level field finish by reducing ridging or gouging. This provides consistent penetration of discing depth in rough field conditions with no need for front gauge wheels.
4. T2-215 Series gang bearings - with optional interlocking half spools combine to create the toughest bearing and gang assembly in the industry.
5. Hydraulic fold - hydraulic cylinders fold the model 6650LTF to a transport width of 17' 6" (5.3 m) and transport height of 14' (4.3 m).
6. Hubs - Heavy-duty 8 bolt hubs are standard on the 6650 and 6650LTF main frame and wing frames.







## Tandem Disc - Models 8700/8700LTF

**PRODUCT OVERVIEW**

Primary tillage, for tough, dry conditions
Weight class - 700 lb/ft (1042 kg/m)
8700 working widths - 24.5' to 42.5' (7.5 to 12.9 m)
8700LTF working widths - 37' to 42.5' (11.3 to 12.9 m)

**FEATURES**

Auto self-leveling hitch
Full floating hitch, moves up/down with tractor drawbar
T2-215 series trunnion mounted bearings

**OPTIONS\***

Stone flex hanger
-------------------

**AVAILABLE COLORS**

\*See specifications for full options list.

## MODELS 8700 AND 8700LTF

## THE FARM KING 8700 AND 8700LTF WERE BUILT TO MANAGE HEAVY RESIDUE IN CORN, STUBBLE AND BEETS OR TO TURN PASTURE OR HAY FIELDS.

With gangs torqued to 3200 ft-lb and T2-215 bearings the 8700 will withstand almost anything. A full floating hitch creates a smooth level finish and prevents gouging. The 8700LTF folds to a transport height of just 14' (4.3 m)



- 1. Heavy-Duty Frame** - both main and wing frames are all-welded, entirely of 8" x 4" x 0.375 wall tubing.
- 2. Additional Strength** - To carry the massive outer gangs, each outrigger on the wing frame is additionally strengthened over the wheels to 12" (305 mm).
- 3. Tires** - FS24-380 or 440 series radial tires are ideal for added floatation in wet/ muddy conditions, prolonged road travel or demanding field conditions.
- 4. T2-215 Series extreme-duty, greasable gang bearings** are the heaviest in the industry. Interlocking half spools with broached head washers and keyed gang shafts are standard equipment for 12" spacing with 28" or 30" blades
- 5. Low Transport Fold** - Six large cylinders folds model 8700LTF hydraulically to a transport width of 17' (5.2 m) and transport height of 13' 8" (4.2 m).
- 6. Heavy-Duty Main frame Rockshaft** - Constructed of 6-5/8" diameter heavy wall tubing, the rockshaft rotates freely in three greasable graphite-plastic bearing saddles designed to eliminate metal to metal wear points.

# 18 • TANDEM DISC

Model	4490		4590	
	8" (203 mm)	9" (230 mm)	8" (203 mm)	9" (230 mm)
Blade Spacing	8" (203 mm)	9" (230 mm)	8" (203 mm)	9" (230 mm)
Width, working*	18' 6" to 27' (5.6 to 8.2 m)	18' to 26' 6" (5.5 to 8.1 m)	28.0' to 40.5' (8.5 to 12.3 m)	28.0' to 40.0' (8.5 to 12.2 m)
Width, transport	12' (3.66 m)	12' (3.66 m)	18' (5.5 m)	18' (5.5 m)
Height, transport	10' to 13' 7" (3.0 to 4.1 m)	10' to 13' 8" (3.0 to 4.2 m)	12' 4" to 18' 1" (3.76 to 5.51 m)	12' 6" to 17' 10" (3.81 to 5.44 m)
Weight	500 lb/ft Class (744 kg/m)	500 lb/ft Class (744 kg/m)	500 lb/ft Class (744 kg/m)	500 lb/ft Class (744 kg/m)
Horsepower required	4.5 to 6.0 DBHP/foot (3.4 to 4.5 kW per 305 mm)†	5.0 to 7.0 DBHP/foot (3.7 to 5.2 kW per 305 mm)†	4.5 to 6.0 DBHP/foot (3.4 to 4.5 kW per 305 mm)†	5.0 to 7.0 DBHP/foot (3.7 to 5.2 kW per 305 mm)†
<b>STRUCTURE</b>				
Frame	Welded, 4" x 4" x .250 (102 x 102 x 6.4 mm) wall tubing		4" x 4" x .375 (102 x 102 x 9.5 mm) wall tubing	
Bearings	211 series, opt. 410 WSS series	211 series, opt. 410 WSS series	410 WSS series	
Gang angle	20° front / 17° rear	20° front / 17° rear	20° front / 17° rear	20° front / 17° rear
Gang shaft	1-15/16" (49 mm) high carbon steel factory torqued to 3200 ft-lb (4339 N.m)		1-15/16" (49 mm) high carbon steel factory torqued to 3200 ft-lb (4339 N.m)	
<b>BLADES</b>				
Blades, smooth	22" x 1/4" (560 x 6.5 mm)	22" x 1/4" (560 x 6.5 mm)	22" x 1/4" (560 x 6.5 mm)	22" x 1/4" (560 x 6.5 mm)
Blades, notched/smooth	22" x 9/32" (560 x 7 mm)	22" x 9/32" (560 x 7 mm) 24" x 9/32" (610 x 7 mm) 24" x 5/16" (610 x 8 mm)	22" x 9/32" (560 x 7 mm)	22" x 9/32" (560 x 7 mm) 24" x 9/32" (610 x 7 mm) 24" x 5/16" (610 x 8 mm) 26" x 5/16" (660 x 8 mm)
<b>FEATURES</b>				
Tires, main frame	(4) 11Lx15 FI 18.5' - 27'	(4) 11Lx15 FI 18.5' - 27'	(4) 11L x 15 FI 28' - 32'; (4) 12.5L x 15 FI 35.5' - 40.5'	
Tires, wing frame	(2) 11L x 15 FI 18.5' - 27'	(2) 11L x 15 FI 18.5' - 27'	(4) 11L x 15 FI 28' - 40.5'	
Depth control	3-cylinder series system c/w depth stop segments	3-cylinder series system c/w depth stop segments	3-cylinder series system c/w depth stop segments	
	Auto-leveling, full floating hitch	Auto-leveling, full floating hitch	Auto-leveling, full floating hitch	

\*w/24" blades

† Depends on working depth, soil type, field speed, etc.

Model	6650		6650LTF	
	9" (230 mm)	10.5" (267 mm)	9" (230 mm)	10.5" (267 mm)
Blade Spacing	9" (230 mm)	10.5" (267 mm)	9" (230 mm)	10.5" (267 mm)
Width, working*	26.5' to 35.5' (8.1 to 10.8 m)	25' to 35.5' (7.6 to 10.8 m)	38.5' to 42.0' (11.7 to 12.8 m)	38.5' to 42.0' (11.7 to 12.8 m)
Width, transport	17.5' (5.4 m)	17.5' (5.4 m)	17.5' (5.4 m)	17.5' (5.4 m)
Height, transport	11' 6" to 15' 10" (3.5 to 4.8 m)	11' 1" to 16' 4" (3.4 to 4.9 m)	14' (4.3 m)	14' (4.3 m)
Weight	600 lb/ft Class (892 kg/m)	600 lb/ft Class (892 kg/m)	600 lb/ft Class (892 kg/m)	600 lb/ft Class (892 kg/m)
Horsepower required	6.0 to 8.0 DBHP/foot (4.5 to 6.0 kW per 305 mm)†	6.0 to 8.0 DBHP/foot (4.5 to 6.0 kW per 305 mm)†	5.0 to 6.0 DBHP/foot (3.7 to 4.5 kW per 305 mm)†	5.0 to 6.0 DBHP/foot (3.7 to 4.5 kW per 305 mm)†
<b>STRUCTURE</b>				
Frame	Welded, 6" x 4" (152 x 102 mm) tubular steel frame		Welded, 6" x 4" (152 x 102 mm) tubular steel frame	
Bearings	410 WSS series c/w triple lip seal, opt. T2-215 series		410 WSS series c/w triple lip seal, opt. T2-215 series w/10.5" spacing	
Gang angle	20° front / 17° rear	20° front / 17° rear	20° front / 17° rear	
Gang shaft	1-15/16" (49 mm) high carbon steel factory torqued to 3200 ft-lb (4339 N.m)			
<b>BLADES</b>				
Blade sizes, notched/smooth	22" x 9/32" (559 x 7 mm) 24" x 5/16" (610 x 8 mm) 26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm)	24" x 5/16" (610 x 8 mm) 26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm)	24" x 5/16" (610 x 8 mm) 26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm)	
<b>FEATURES</b>				
Tires, main frame	(4) 12.5L x 15 FI, opt. FS24-380/55R16.5		(4) FS24-380/55R16.5	
Tires, wing frame	(4) 12.5L x 15 FI, opt. FS24-380/55R16.5		(4) 12.5L x 15 FI, opt. FS24-380/55R16.5	
Depth control	3-cylinder series system c/w depth stop segments		3-cylinder series system c/w depth stop segments	

\* w/24" blades

† Depends on working depth, soil type, field speed, etc.

Model	8700		8700LTF	
Blade Spacing	10.5" (267 mm)	12" (305 mm)	10.5" (267 mm)	12" (305 mm)
Width, working*	25.0' to 38.5' (7.6 to 11.7 m)	24' to 38.5' (7.3 to 11.7 m)	40.5' to 42.0' (11.3 to 12.8 m)	40.5' to 42.5' (12.3 to 13.0 m)
Width, transport	17.5' (5.3 m)	17.5' (5.3 m)	17.5' (5.3 m)	17.5' (5.3 m)
Height, transport	10' 10" to 17.5' (3.3 to 5.3 m)	10' 10" to 17.2' (3.3 to 5.2 m)	13' 8" (4.2 m)	13' 8" (4.2 m)
Weight	700 lb/ft Class (1042 kg/m)	700 lb/ft Class (1042 kg/m)	700 lb/ft Class (1042 kg/m)	700 lb/ft Class (1042 kg/m)
Horsepower required	7.0 to 8.0 DBHP/ft (5.2 to 6 kW per 305 mm)†		7.0 to 8.0 DBHP/ft (5.2 to 6 kW per 305 mm)†	
<b>STRUCTURE</b>				
Frame	Welded, 8" x 4" x .375 wall tubing (203 x 102 x 9.5 mm) tubular steel frame		Welded, 8" x 4" x .375 wall tubing (203 x 102 x 9.5 mm) tubular steel frame	
Bearings	T2-215 series trunnion mounted bearings		T2-215 series trunnion mounted bearings	
Gang angle	21° front / 19° rear	21° front / 19° rear	21° front / 19° rear	21° front / 19° rear
Gang shaft	1-15/16" (49 mm) high carbon steel factory torqued to 3200 ft-lb (4339 N.m)		1-15/16" (49 mm) high carbon steel factory torqued to 3200 ft-lb (4339 N.m)	
<b>BLADES</b>				
Blade sizes, notched/smooth	26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm) 28" x 3/8" (711 x 9 mm)	26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm) 28" x 3/8" (711 x 9 mm) 30" x 3/8" (762 x 9 mm)	26" x 5/16" (660 x 8 mm) 26" x 3/8" (660 x 9 mm) 28" x 3/8" (711 x 9 mm) 30" x 3/8" (762 x 9 mm)	
<b>FEATURES</b>				
Tires, main frame	(4) FS24-380/55R16.5		(4) FS24-440/55R18	
Tires, wing frame	(2) 12.5L x 15 FI 24" - 26"; (4) 12.5L x 15 FI 26.5" - 38.5", opt. FS24-380/55R16.5		(4) FS24-380/55R16.5	
Depth control	3-cylinder series system c/w depth stop segments		3-cylinder series system c/w depth stop segments	
Hitch	Auto-leveling, full floating hitch		Auto-leveling, full floating hitch	

\* 8700 w/24" blades / 8700LTF w/28" blades

† Depends on working depth, soil type, field speed, etc.

Model	395	
Blade Spacing	8" (203 mm)	9" (230 mm)
Width, working*	11.5' to 20' (3.2 m to 6.1 m)	11.5' to 19.5' (3.2 m to 5.9 m)
Width, transport	Working width plus 30" (762 mm)	Working width plus 30" (762 mm)
Height, transport	Not applicable	-
Weight, average	350 lb/ft (521 kg/m) class	350 lb/ft (521 kg/m) class
Weight, per blade, average	130 lb (60 kg)	130 lb (60 kg)
Horsepower required*	4.5 to 6.0 DBHP/foot (3.4 to 4.5 kW per 305 mm)†	4.5 to 6.0 DBHP/foot (3.4 to 4.5 kW per 305 mm)†
<b>STRUCTURE</b>		
Frame	Welded, 4" x 4" x 1/4" steel tubing	Welded, 4" x 4" x 1/4" steel tubing
Bearings	211 series c/w bearing shields, greasable, mounted in ductile cast housings	
Gang angle	Adjustable, 16°, 19°, 22°, 25°, front and 14°, 17°, 20° or 23° rear	
Gang shaft	1-15/16" (49 mm) high carbon steel torqued to 3,200 ft-lb (4339 N•m)	
Gang beams	4" x 4" x 1/4" (102 x 102 x 6 mm) steel tubing, spring mounted	
<b>BLADES</b>		
Blade sizes, standard	22" x 1/4" (560 x 6.5 mm) - P	22" x 1/4" (560 x 6.5 mm) - P
Blade sizes, optional	22" x 1/4" (560 x 6.5 mm) - N - -	22" x 1/4" (560 x 6.5 mm) - N 24" x 9/32" (610 x 7 mm) - P 24" x 5/16" (610 x 8 mm) - N
<b>FEATURES</b>		
Tires, main frame	11 L x 15 FI singles, 11-1/2' to 14-1/2' sizes; 11 L x 15 FI duals, 16' to 20' sizes	
Depth control	3-cylinder series system c/w depth stop segments	
Hitch	Auto-leveling	

\*w/24" blades † Depends on working depth, soil type, field speed, etc.

N = notched, P = plain

Model	395	4490/ 4590	6650/ 6650LTF	8700/ 8700LTF
Full floating hitch	-	•	•	•
Rigid hangers	•	•	•	•
4" (102 mm) wide scrapers	•	•	•	•
Furrow leveling blades	•	•	•	•
Steel spools	•	•	•	•
Hydraulic transport lockups	•	•	•	•
Gang socket	•	•	•	•
Hitch jack	•	•	•	•
Safety lights	•	•	•	•
Safety chain	•	•	•	•
Stone-flex hangers	Opt.	Opt.	Opt.	Opt.
Bearing wear plates	-	-	Opt.	Opt.
Heavy-duty scrapers	-	-	Opt.	Opt.
Wide pan scrapers	-	-	Opt.	Opt.
Interlocking half spools	-	-	Opt.	Opt.
Mounted harrows (3-bar)	Opt.	Opt.	Opt.	Opt.
Bearing crop residue guard	-	-	Opt.	Opt.

## CULTIVATOR

### PRODUCT OVERVIEW

For primary and secondary tillage

28' to 60' (8.5 to 18.3 m)  
working widths

350, 550, 600, 650 lb trip force

### FEATURES

Short contour depth

Full floating hitch

### OPTIONS\*

Mounted harrows / mounted packers

\*See specifications for full options list.



# CULTIVATOR, CHISEL CULTIVATOR, CHISEL PLOW

Models 5550, 6000, 7450



### Single Cylinder Depth Control

Single cylinder depth control guarantees accurate depth control, achieved by eliminating the leakage that occurs between hydraulic cylinders in series. The result is dependable accuracy in the field where it counts. Standard on models 5550 and 7450.

### Quick Wing Levelers

To ensure accurate depth is achieved, the levelness of the toolbar is crucial. Farm King has designed their cultivators so that a single person can level the wing sections side to side by extending or contracting these quick wing levelers.

### Castor Wheels

The castering axle rides on a nylon graphite wear washer for long life and smooth castering. Fork style front casters tend to plug with mud and crop residue build up due to limited space between the tires and each piece supporting it. The Farm King L-shaped caster reduces this problem by 50% and allows for easy removal of wheel and tire if required.

### Tandem Walking Axles

Each walking axle provides for uniform working depth by averaging out field variations. They also assist in preventing accumulation of mud and crop residue between wheels while maintaining desired shank spacing for maximum residue flow.

### Wheel Hub Seals

Protecting wheel bearings in a dust filled environment can be a challenging task. Farm King's hub sealing system is designed specifically for this situation. A triple lip seal is fixed to the spindle, while the seal cup positioned in the hub turns. The result is a longer life of operation and the ability to grease without pushing the seal out.

### Front to Rear Leveling

Front to rear leveling is accomplished quickly and easily with adjustable pusharms connected to the rockshaft.



## FARM KING CULTIVATORS, CHISEL PLOWS, AND CHISEL CULTIVATORS FEATURE A FULL FLOATING HITCH TO MAINTAIN A CONSTANT WORKING DEPTH.

Available with trip force of 350, 550, 600 and 650 lb (159, 250, 272, 295 kg) and in working widths from 28' to 60' (8.5 m to 18.3 m) there is a Farm King cultivator to meet the needs of every operation.

**[1]** Single Cylinder Depth Control **[2]** Quick Wing Levelers **[3]** Castor Wheels **[4]** Tandem Walking Axles **[5]** Wheel Hub Seals **[6]** Front to Rear Leveling



2

3

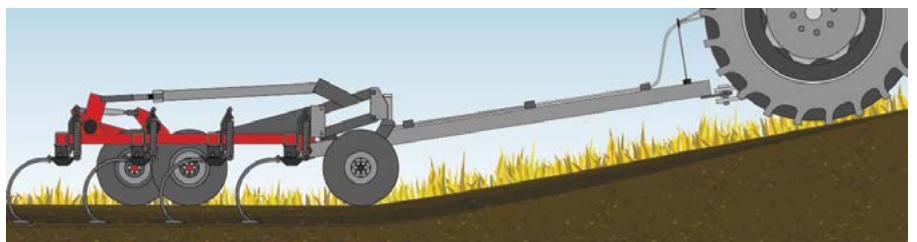
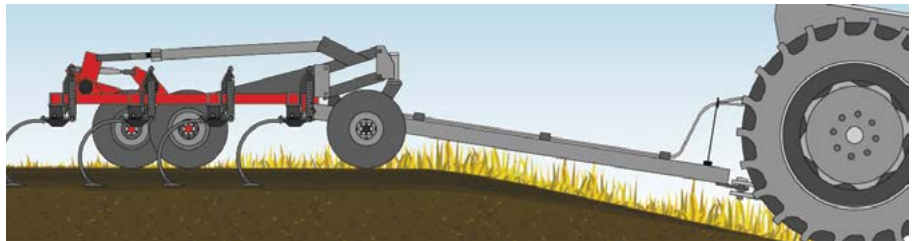
4

5

6

### Full Floating Hitch

All 5550/ 7450 and 6000 Series implements feature a full floating hitch. Designed to move up or down with the tractor, the floating hitch allows the implement to maintain a constant working depth when crossing over hills or through low spots. Each front castor wheel is linked mechanically to the rockshaft to form a parallel lift system which allows the implement to maintain a consistent front-to-back level at any working depth.





## Cultivator - Model 5550

### PRODUCT OVERVIEW

Manage heavy crop residue in high residue crops

350 / 550 lb (175 / 250 kg) trip force

Working widths - 29' 6" to 45' 6"  
(9.0 to 13.9 m)

### FEATURES

Full floating hitch, moves up/down with tractor drawbar

Choice of narrow and wide main frames

5 row frame, 98" (2.5 m) frame depth

Rugged shank assembly

### OPTIONS\*

Mounted harrows / mounted packers

### AVAILABLE COLORS



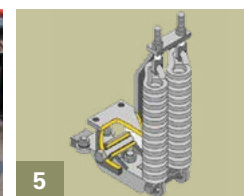
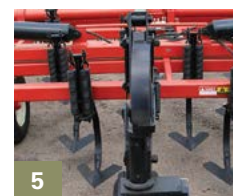
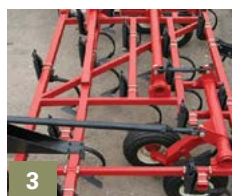
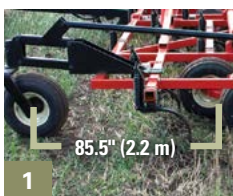
\*See specifications for full options list.

MODEL 5550

## THE FARM KING 5550 CULTIVATOR HAS HEAVY DUAL SPRING TRIP ASSEMBLIES THAT ALLOW THE UNIT TO PERFORM LIKE A CHISEL PLOW.

The five-row frame allows crop residue to pass through the frame without plugging, which is a challenge for competitive four row units. A full floating hitch and optional 350 lb (175 kg) trip shanks make the model 5550 stand out from the competition.

1. Working Wheelbase - a narrow frame depth and short wheelbase creates unmatched ground following characteristics.
2. Transport Wheelbase - the wheelbase increases when the machine is in transport to provide better stability which is especially important if equipped with mounted harrows or packers.
3. 5-Row Frame - a fully welded 5-row frame design ensures no two shanks are placed closely on the same
4. Flex-Wing Hinges - allows the fore/aft travel needed to follow the ground and reduce torsional stress without any maintenance required.
5. Shank Assemblies - a rugged spring cushion shank features a 3.5" (89 mm) full width nylon-graphite bushing.

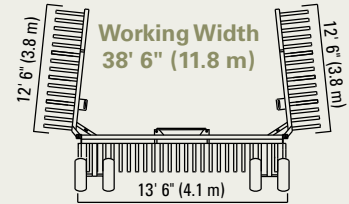


Model	5550	
Sections	3	
Main frame, type	Narrow	Wide
Width, main frame	13' 6" (4.1 m)	16' (4.9 m)
Width, working	29' 6" to 40' 2" (9.0 to 12.3 m)	31' 10" to 45' 6" (9.5 to 13.9 m)
Width, transport	17' 10" (5.4 m)	20' 6" (6.2 m)
Height, transport	12' 3" to 18' 10" (3.7 to 5.7 m)	9' 8" to 18' 10" (2.9 to 5.7 m)
Weight (less harrows)	11,598 to 14,626 lb (5260 to 6634 kg)	10,538 to 14,626 lb (4780 to 6634 kg)
<b>STRUCTURE</b>		
Frame, design	5 rows	
Frame, depth	98" (2.5 m)	
Frame, members	4" x 4" (102 x 102 mm) welded	
Under frame clearance	Minimum 27" (686 mm)	
Floating hitch	Standard	
<b>OPERATION</b>		
Operating depth	Adjustable up to 5" (127 mm) of working depth	
Operating speed	4 to 8 mph (6 to 13 km/hr)	
Contour depth	85.5" (2.2 m)	
Flexibility	14.5° up, 8° down c/w fore/aft ability	
<b>SHANKS</b>		
Shank spacing	8" or 10" (203 x 254 mm)	
Shanks	550 lb (250 kg) dual spring cushion 1" x 2" (25 x 51 mm) Opt. 350 lb (159 kg) dual spring cushion 1" x 2" (25 x 51 mm)	
Shank pivot bushing	3.5" (89 mm) nylon-graphite, 1" (25 mm) O.D.	
<b>FEATURES</b>		
Trip height	13" (330 mm)	
Tires, main frame	11L x 15 (5)	11L x 15 (5)
Tires, wing	11L x 15 (3)	11L x 15 (3)
Depth control	Single 5" x 12" (127 x 305 mm) cylinder rotates heavy-duty rockshafts to raise or lower the entire implement Positive mechanical depth stop segments control depth cylinder in 1/8" (3 mm) increments, no rephasing required	

Standard Equipment	Optional Equipment
Full floating hitch	Mounted harrows
Safety light kit	Shank drop kits
Safety chain	Shank mounted harrows
Depth control segments	Tires, 12.5 L x 15

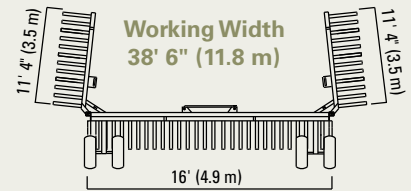
### Main Frame - Narrow vs. Wide

The same working width can be achieved with both the wide and narrow main frame. So which should you choose?



### Why Choose A Narrow Frame?

A narrow frame should be selected when transport width is a concern. This will increase the transport height so this must be considered as well.



### Why Choose A Wide Frame?

A wide frame will result in a lower transport height. This configuration should be used when facing low obstacles such as bridges and overpasses. Transport width will be increased.

**See your local Farm King Dealer for assistance in determining the ideal configuration for your unique requirements.**



## Cultivator - Model 7450

### PRODUCT OVERVIEW

Manage heavy crop residue in high residue crops

650 lb (295 kg) trip force

Working widths - 28' to 44'  
(8.5 to 13.4 m)

### FEATURES

Full floating hitch, moves up/down with tractor drawbar

4 row frame, 98" (2.5 m) frame depth

Rugged shank assembly

### OPTIONS\*

Mounted harrows

### AVAILABLE COLORS



\*See specifications for full options list.

## DEVELOPED TO BE A TOUGH, DEPENDABLE MACHINE THAT WILL IMPRESS EACH TIME IT IS PUT INTO THE FIELD.

A massive frame strengthened throughout with oversized rockshafts provide the weight and durability necessary to penetrate the toughest soil conditions. Transport - hydraulically folds to a height of 11' 0" to 17' 10" (3.4 to 5.4 m) and width of 20' 9" (6.3 m).

1. Frame Depth - 7450 chisel plows are designed with an extra-long frame with 34" (864 mm) of under-frame clearance to achieve unmatched crop residue handling and features a 4-row frame design.
2. Rugged Shank Assembly - has an increasing force so that the trips will never tip enough to adversely affect the seedbed.
3. Extensions - bolt-on extension stubs allow for the increase of the working width.
4. Mounted Harrows (optional) - 3 or 4 bar, 4.5' or 6' (1.4 or 1.8 m) sizes.
5. Lock-Out Valves - when in the locked position the wing will not unfold even if a hydraulic lever is moved accidentally.





Model	7450
Sections	3
Main frame, type	Wide
Width, main frame	16' (4.9 m)
Width, working	28' to 44' (8.5 to 13.4 m)
Width, transport	20' 9" (6.3 m)
Height, transport	11' 0" to 17' 10" (3.4 to 5.4 m)
Weight (less harrows)	10,940 to 14,029 lb (4962 to 6364 kg)
<b>STRUCTURE</b>	
Frame, design	4 rows
Frame, depth	98" (2.5 m)
Frame, members	4" x 4" (102 x 102 mm) welded
Under frame clearance	Minimum 27" (686 mm)
Floating hitch	Standard
<b>OPERATION</b>	
Operating depth	Adjustable up to 8" (203 mm) of working depth
Operating speed	4 to 7 mph (6 to 11 km/hr)
Contour depth	85.5" (2.2 m)
Flexibility	14.5° up, 8° down
<b>SHANKS</b>	
Shank spacing	12" (305 mm)
Shanks	650 lb (295 kg) dual spring cushion 1-1/4" x 2" (31 x 51 mm) hi-arc
Shank pivot bushing	5" (127 mm) nylon-graphite
<b>FEATURES</b>	
Trip height	12" (305 mm)
Tires, main frame	11L x 15 (5) 11L x 15 (3)
Depth control	Single 5" x 12" (127 x 305 mm) cylinder rotates heavy-duty rockshafts to raise or lower the entire implement Positive mechanical depth stop segments control depth cylinder in 1/8" (3 mm) increments, no rephasing required

Standard Equipment	Optional Equipment
Full floating hitch	Mounted harrows
Safety light kit	Universal tow hitch
Safety chain	Spare tire/wheel carrier
Depth control segments	Tires, 12.5 L x 15
	Shank drop kits



## Cultivator - Model 6000

### PRODUCT OVERVIEW

For primary and secondary tillage operations

550 / 600 lb (250 / 272 kg) trip force

Working widths - 43' 6" to 60' (4.9 m to 18.3 m)

### FEATURES

Full floating hitch, moves up/down with tractor drawbar

4 row frame design

Hydraulic valves on frame locks depth and wing cylinders

Offset walking axles with removable spindles

### OPTIONS\*

Mounted harrows

### AVAILABLE COLORS

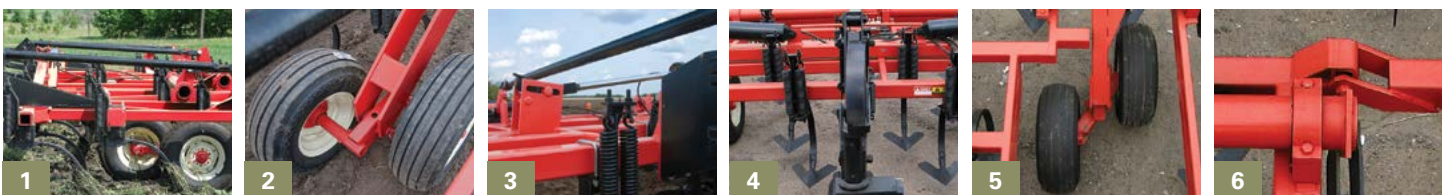


\*See specifications for full options list.

## THE FARM KING MODEL 6000 CHISEL CULTIVATOR CAN BE CONFIGURED FOR USE AS EITHER A HEAVY TILLAGE UNIT OR AS PART OF A SEEDING SYSTEM.

Available in 10" or 12" (254, 305 mm) spacing with 550 or 600 lb (250, 272 kg) spring cushion shanks, the 6000 model features a rugged 4-row frame, narrow contour depth and excellent crop residue flow.

1. Fore/Aft Levelers - Adjustable push arms link each of the front castor wheels to the rockshafts allowing for easy fore/aft leveling.
  2. Walking Axles - provide more stability when machine is being transported.
  3. Hydraulic Lift System - virtually eliminates the problems of fading or rebounding.
  4. Shank Assemblies - available with 550, 600 lb (250, 273 kg) initial force shank assemblies.
  5. Removable Wheel Spindles - for ease of removal and repair of complete wheel assemblies.
  6. Flex Wing Hinges - allow each wing frame to flex independently of each other.
- Frame - All-welded four row frame constructed of steel tubing.
- Hitch Stabilizers - prevent fore/aft movement when in transport.



Model	6000			
Widths	48' (14.6 m)	52' (15.8 m)	56' (17.0 m)	60' (18.3 m)
Width, transport	20' 6" (6.2 m)	20' 6" (6.2 m)	20' 6" (6.2 m)	20' 6" (6.2 m)
Height, transport	16' (4.9 m)	18' (5.5 m)	18' (5.5 m)	18' (5.5 m)
<b>STRUCTURE</b>				
Sections	5	5	5	5
Frame, design	4 rows	4 rows	4 rows	4 rows
Frame, depth	98" (2.49 m)	98" (2.49 m)	98" (2.49 m)	98" (2.49 m)
Frame, members	High tensile strength 4" x 4" (102 x 102 mm) HSS frame tubing			
Under frame clearance	Minimum 30" (762 mm)	Minimum 30" (762 mm)	Minimum 30" (762 mm)	Minimum 30" (762 mm)
Contour depth	85.5" (2.2 m)	85.5" (2.2 m)	85.5" (2.2 m)	85.5" (2.2 m)
Full floating hitch	19' (5.8 m) length	19' (5.8 m) length	19' (5.8 m) length	19' (5.8 m) length
<b>SHANKS</b>				
Shank spacing	10", 12" (254, 305 mm)			
Shanks	550 lb (250 kg) spring cushion 1" x 2" (25 x 51 mm) tempered steel shank (47°) 600 lb (272 kg) spring cushion 1-1/4" x 2" (32 x 51 mm) tempered steel shank (50°)			
Shank pivot bushing	3.5" (89 mm) nylon-graphite	3.5" (89 mm) nylon-graphite	3.5" (89 mm) nylon-graphite	3.5" (89 mm) nylon-graphite
<b>FEATURES</b>				
Tires, main frame	Axles - 11 L x 15 FI load range F, opt. 12.5 L x 15 / Castors - 11 L x 15 FI load range F, opt. 12.5 L x 15			
Tires, wing	Axles - 11 L x 15 FI load range D, opt. 12.5 L x 15 / Castors - 11 L x 15 FI load range C, opt. 12.5 L x 15			
Depth control	Tandem 4" x 8" (102 x 203 mm) cylinder rotates heavy-duty rockshafts to raise or lower the entire implement Positive mechanical depth stop segments control depth cylinder in 1/8" (3 mm) increments, no rephasing required			

Standard Equipment	Optional Equipment	
Full floating hitch	Space tire/wheel carrier	Tires, 12.5 L x 15
Safety light kit	Mounted harrows	End shank gauges
Depth control segments	Shank drop kits	Universal tow hitch
Safety chain	Depth control segments	

# WARRANTY

## THREE YEAR LIMITED WARRANTY

At the sole discretion of Farm King, defective parts and/or workmanship will be repaired or replaced for the original, non commercial owner. Coverage is: 1-12 months 100% parts and labor, 13-24 months 100% Farm King manufactured parts, 25-36 months 50% Farm King manufactured parts.

## SEVEN YEAR LIMITED WARRANTY

Extended coverage (12 to 84 months) on T2-215 series bearings is limited to the replacement of the ball bearings and seals for the original, non commercial owner. Associated bearing parts, labor, freight, etc. are not covered.

**CONTACT YOUR FARM KING DEALER FOR COMPLETE WARRANTY DETAILS INCLUDING EXCLUSIONS TO COVERAGE.**

[www.farm-king.com](http://www.farm-king.com)



# Farm King

**For more information contact:**

E-mail: [info@buhler.com](mailto:info@buhler.com)

[www.farm-king.com](http://www.farm-king.com)

Equipment shown is subject to change without notice. ©2014 Buhler Trading Inc.  
Printed in Canada. TSX:BUI Ref: 082014-10000-LM P/N: PTILLAGE

**bühler** | *a division of Buhler Industries Inc.*