COBRA™ 4200

UNIVERSAL TILLAGE®

McFARLANE AG MANUFACTURING

TILLAGE WITH A BITE

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UNIVERSAL TILLAGE®

BY MCFARLANE MANUFACTURING

The **Cobra**™ and **Incite**® tillage tools offer a unique, flexible, and more cost-effective tillage solution that gives you the seedbed you've been looking for.

TILLAGE JUST GOT EASIER

The Universal Tillage® line combines the benefits of vertical tillage, primary tillage, and secondary tillage into one tool that you can use year-round. Whether you're looking for aggressive fall tillage or field conditioning before planting, the Universal Tillage® line is flexible enough to meet each need.

Adjustable components and various finishing configurations allow you to customize your tillage tool to fit your farm's needs.

COBRA UNIVERSAL TILLAGE®

For no-till and min-till growers, the Cobra is a perfect fit. This shallow working tool smooths uneven ground and removes small weeds quickly and efficiently with operation speeds typically from 6-9mph. The Cobra disk blades loosen the top two to three inches of the soil without leaving a soil density layer while leaving a firm seedbed.

COVER CROP MANAGEMENT

The Universal Tillage® line can be aggressive enough to handle deep fall tillage and shallow enough to prepare the seedbed for row crop and cover crop seeding. Whether you opt for traditional broadcast or solid-seeding applicators, our Universal Tillage® products can prep the seedbed or incorporate cover crop seed and firm the soil in one pass.

One pass with the Cobra can incorporate cover crop, eradicate weeds, and ready the seedbed for planting in the spring. Save time, fuel, labor, and maintenance costs by integrating Universal Tillage® into your cover crop program.

CONTACT YOUR LOCAL DEALER OR MCFARLANE AG REPRESENTATIVE FOR A PRODUCT DEMONSTRATION.

UNIVERSAL TILLAGE®

Patent No.8,020, 629

COBRA™ 4200

The Cobra Universal Tillage® tool is the ideal spring, summer, and fall tillage tool, ready to tackle the most challenging soil and residue conditions year-round.

The Cobra consists of five key components that work harmoniously to size root balls, pin and incorporate residue to the soil, speed decomposition, help prevent erosion, prepare the seedbed for planting and give the grower their desired field finish:

COBRA SERRATED DISK BLADES easily penetrate the soil up to 4" and slice residue into manageable pieces. The Cobra blades lift residue and loosen soil for the Dura-Reel® to level and smooth the field in one pass.

UNIVERSAL TILLAGE® SELECTOR is an adjustable disk gang angle with three angle settings to customize how aggressive or shallow to bury residue. The angle is adjustable from 5°, 7.5°, 10°.

DURA-REEL® crosscuts the residue and mixes it into the soil, aiding decomposition. The Dura-Reel® design allows maximum material flow and resists plugging. Combining the Cobra disks and Dura-Reel® produces a crisscross cut pattern that forms a 7" x 7" grid for complete coverage.

SPUR-TILL TREADER provides seasonal flexibility. In the fall, the Spur-Till can size root balls, pin residue to the soil, speed decomposition, and prevent erosion. In the spring, adjust the settings to manage weeds and help prepare the seedbed for planting. The hydraulically adjustable depth and angle ensure the seedbed is level.

ROLLING BASKET provides the finishing touch – 8 high-carbon flat bars have adjustable down pressure to meet varying field conditions.

COBRA DISK BLADES

- Serrated blades provide hardness, flexibility, sharpness, and wear resistance. The Cobra disk blades are 20" in diameter on 7" spacing to allow the grower to till more soil at a shallower disk gang angle for optimal residue sizing.
- 5mm Cobra blades come standard on all models but can be upgraded to 6.5mm heavier duty blade for rocky conditions.

UNIVERSAL TILLAGE® SELECTOR

- Hydraulic Gang Angle Adjustment allows on-the-go disk angle adjustment between selected range points.
- Pin style gang adjustment requires no tools for faster, more effortless settings.
- Growers can easily move from the 5° to 7.5° position, 5° to 10° position, or 7.5° to 10° position.

DURA-REEL®

- The 7-blade, 18" diameter reel with no center shaft provides better material flow and resists plugging in wet, sticky soil. Hardened steel spiral blades are mounted on 5 bolt hubs with tapered roller bearings.

DUCTILE CAST IRON TAPERED DISK SPOOLS

- Designed to improve blade support and allow for better residue clearance.

SPUR-TILL TREADER WITH A SINGLE ROLLING BASKET

- Adjustable from 0 to 15 degrees, the Spur-Till has eight-tine wheels on 6" spacing to size hard dirt clods and speed the decomposition process. Hydraulic down pressure adjusts to any field conditions.
- Spur-Till can easily be raised out of the soil when needed.
- 8 high-carbon flat steel bars on the rolling basket have adjustable down pressure to size clods, separate soil, and firm the seedbed.
- Maintenance-free hubs on rolling baskets result in less maintenance downtime.

OPTIONAL

DISK GANG MOUNTED CASTERING GAUGE WHEELS

Available on all folding models, the gauge wheels help stabilize the wings on uneven ground.

REAR IMPLEMENT HITCH

Frame mounted hitch also available with light harness and hydraulic remote extensions.

COBRA™ FINISHING TOOL CONFIGURATIONS

Every farm has unique goals, needs, and field conditions. The Cobra Universal Tillage® tool has several finishing configurations available to meet any need.

SPUR-TILL WITH A SINGLE ROLLING BASKET

Standard finishing configuration. Ideal for tough weed conditions, the Spur-Till with rolling basket option rips weeds out by the root and sizes clods effectively. Adjustable hydraulic pressure allows the operator to change the Spur-till downforce, including float, and lift the tool out of the ground.

3-BAR FLEXIBLE SPIKE TOOTH HARROW WITH A SINGLE ROLLING BASKET

Best in heavy residue and dry conditions, our proven spike tooth harrows closely follow the ground for more leveling and firming. Its flexibility allows residue to flow and easily raises or lowers to conform to various soil and residue conditions.

5-BAR FLEXIBLE SPIKE TOOTH HARROW

For maximum leveling and minimal firming, the 5-bar harrow option is best in minimal residue and wet conditions.

DOUBLE ROLLING BASKET

In heavy soil or cloddy conditions, our double rolling basket leaves fields ready to plant in just one pass.

FEATURES

- **Reel Mount Rock Guard**
  Deflects rocks away from Dura-Reel® mounts, reducing the potential for jamming.
- **Trunnion-Style Disk Gang Bearings**
  PEER® TILLXTREME™ 7-lip seal disk gang trunnion bearings with 1 3/4" round gang shaft.
- **Hitch**
  Level lift hitch ensures a consistent depth with turnbuckle adjustment to match the tractor.
- **Single-point depth control**
  Easily adjust the tillage depth to changing field conditions.
- **Oscillating main frame axle**
  Standard on 35' and 45' models, the oscillating main frame axles follow the ground contour, ensuring full tire contact in the field and on the road.
- **Radial Implement Tires**
  Firestone® radial tires with 3-year stubble warranty.

COBRA™ 4200

McFARLANE AG MANUFACTURING

SPECIFICATIONS

MODEL	4212	4214	4220	4225	4230	4235	4245
CUTTING WIDTH	12'-3"	14'-2"	19'-10"	25'-8"	30'-2"	35'-9"	45'-8"
WEIGHT	7,544 lbs.	8,091 lbs.	13,102 lbs.	15,719 lbs.	17,193 lbs.	21,053 lbs.	27,688 lbs.
TRANSPORT HEIGHT	-	-	9'-6"	10'-5"	12'-0"	13'-6"	13'-6"
TRANSPORT WIDTH	13'-9"	14'-8"	13'-4"	15'-4"	15'-4"	17'-4"	19'-2"
POWER PER WIDTH OF CUT (HP/FT)	8-9	8-9	8-9	8-9	8-9	8-9	8-9
FIELD CAPACITY (ACRE/HR AT 6-9MPH)	7-11	10-12	14-19	18-24	22-28	26-33	28-46
HITCH TYPE	Combination pintle/clevis hitch			Articulating ball pintle hitch			
FRAME TYPE	Rigid		Single fold				Double fold

FINISHING CONFIGURATIONS

STANDARD	
CB-4200-STRB	Spur-Till with Rolling Basket and 5 mm blades
CB-4200-HSTRB	Spur-Till with Rolling Basket and 6.5 mm blades
OPTIONAL	
CB-4200-3RB	3-bar harrow with single rolling basket and 5 mm blades
CB-4200-H3RB	3-bar harrow with single rolling basket and 6.5 mm blades
CB-4200-5FA	5-bar harrow and 5 mm blades
CB-4200-H5FA	5-bar harrow and 6.5 mm blades
CB-4200-DRB	Double rolling basket and 5 mm blades
CB-4200-HDRB	Double rolling basket and 6.5 mm blades

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