VT-FLEX™ 435

VERTICAL TILLAGE TOOL

AVAILABLE WITH SOIL COMMAND™



CASE IH

VARY RESIDUE COVERAGE BETWEEN SEASONS

The VT-Flex™ 435 vertical tillage tool offers agronomic flexibility for spring and fall field prep. With on-the-go gang angle adjustment (0°–12°), it easily adapts to soil management needs and desired field finish. Equipped with Case IH Soil Command™ tillage technology, the VT-Flex 435 enables in-cab automated adjustments for precision and convenience.

CREATE BETTER IN-FIELD CONDITIONS FOR BETTER STAND AND PLANT PERFORMANCE

- **Soil Command tillage technology**—standard on **25- to 34-foot models**—make simple on-the-go, one touch precise adjustments from the comfort of your cab for ideal field conditions.
- From the tractor cab, operators can **adjust the front gangs independently from the rear gangs** to further vary residue coverage and field finish.
- Patented TigerPaw™ Crumbler® is designed to produce **uniform clod sizing and residue distribution** for optimal field finish.

SPRING OR FALL — IDEAL FOR A WIDE RANGE OF OPERATIONS

- **Single-point hydraulic depth** control, for 11- to 23-foot models, offers quick and easy adjustments in a variety of fields and conditions.
- Cover more acres with **6–10 miles per hour ground speeds.**
- **Optional rear hitch** for 30- and 34-foot models to pull additional harrows for more clod sizing.
- **Optional Hydraulic Double TigerPaw Crumbler** for additional clod sizing and more level surface finish.

BUILT TO WITHSTAND TOUGH CONDITIONS

- **20-inch Earth Metal® VT wave blades** stand up to the toughest conditions cutting and mixing residue.
- **Optional 22" Reverse Crimp notched edge blade** to run at deeper depths and increase operating windows.
- **Rugged cast-iron nodular spools and large arbor bolts** provide strength, durability and weight where it's needed.







ON-THE-GO ADJUSTMENTS FOR VARIABLE CONDITIONS

SOIL COMMAND

RESIDUE MANAGEMENT WITH ADJUSTABLE GANG ANGLE WITH SOIL COMMAND

Whether you're looking to size residue and preserve soils — or mix the most stubborn crop residue — effective field preparation is made simple with fast, easy gang angle adjustments.

With gang angle ranges of 0° – 12°, operators can easily make adjustments for desired field finish:

- Less aggressive for conservation tillage strategy with adequate residue sizing.

OR

- More aggressive for more soil movement and increased mixing of more stubborn residue and accelerated breakdown.



VT-Flex 435 / 0°



VT-Flex 435 / 4°



VT-Flex 435 / 8°



VT-Flex 435 / 12°

Photos are from field benchmarking near Goodfield, IL

Soil Command is standard on the 25-, 30- and 34-foot models.



SOIL COMMAND

- Simple, in cab, on the go, one-touch machine settings
- Machine automatically maintains levelness as operator changes depth
- Less time out of cab physically adjusting settings
- As applied mapping data and Rx capable

GANG ANGLE ADJUSTMENT

- Manage residue your way
- Front and rear gangs independently adjustable from 0°–12°

OPTIONAL 22" REVERSE CRIMP NOTCHED BLADE

- Better penetration at shallow gang angles
- Improved surface finish
- Deeper depths
- Higher speeds
- Longer operating window

WING DOWN PRESSURE

- Provides equal ground pressure across the machine
- Improves soil penetration at higher speeds in tough conditions
- Increase machine stability

IN-CAB WING DEPTH ADJUSTMENT

- Simple, on the go, wing depth adjustment
- More productivity – less time out of the cab
- Precisely adjust levelness across the tool

OPTIONAL DOUBLE TIGERPAW CRUMBLER

- Improved surface finish
- Decrease the amount of large clods
- Better planter ride quality







ON-THE-GO ADJUSTMENTS FOR VARIABLE CONDITIONS

Whether it's spring seedbed prep or fall residue management, the VT-Flex 435 vertical tillage tool delivers the versatility to match your soil management goals. Available with Soil Command tillage technology, it allows you to make real-time tillage adjustments directly from the cab — maximizing efficiency and control. The VT-Flex 435 works well for both conservation to conventional tillage practices.

Features include:

FRONT T-HITCH

- Make tight and efficient turns when space is at a premium.

SOIL MANAGEMENT FLEXIBILITY

- Match the soil management needs of any field, spring or fall, with 1- to 4-inch depth capabilities.

SIMPLE ADJUSTMENT POINTS

- **Single-point hydraulic depth control** offers quick and easy adjustments in a variety of fields and conditions. Soil Command technology on the 25- to 34-foot sizes provides simple on the go, one touch, in the cab depth adjustment. Plus, **choose from either mechanical or hydraulic fore/aft leveling** for a smooth and even finish.

ADJUSTABLE GANG ANGLES

- Maximize time in the field with simple, on-the go adjustments. Gang angles are **mechanically or hydraulically adjustable** (15- to 23-foot models) from 0 to 12 degrees match your desired field finish. Or when equipped with Soil Command (25- to 34-foot) easily make these adjustments from the cab display.

WING DOWN PRESSURE

- Optional hydraulic wing down pressure for the 20- and 23-foot models. Standard Soil Command wing down pressure and independent wing depth control for the 25- to 34-foot models.

WALKING TANDEM

- **Standard walking tandem** on the main frame and wings (15- to 34-foot models) offers balance and stability, reducing soil compaction while providing optimal depth control.

DURABLE BLADES

- **20-inch Earth Metal VT wave blades** are designed to stand up to the toughest conditions with maximum durability. Plus, flat, crimped blade centers allow for exceptional strength.
- **Optional 22-inch Earth Metal reverse crimp notched blade** is designed for higher speeds, deeper depths and better penetration at shallow gang angles.

DURABLE COMPONENTS

- Greaseless bushings in all rockshaft pivots and heavy-duty roller bearings in TigerPaw Crumbler help reduce routine maintenance.

TIGERPAW CRUMBLER

- The TigerPaw Crumbler features a proven spring down pressure design for consistent, effective clod sizing — with in all conditions. Hydraulic Double TigerPaw crumbler for additional clod sizing and provides a more level surface finish.
- **The optional hydraulic Double TigerPaw crumbler offers additional clod sizing and provides a more level surface finish for increased planter ride quality.**

NARROW TRANSPORT

- Get from field to field faster and with ease with a narrow **13-feet 7-inch transport width (11- to 25-foot models).**







PRECISION TECHNOLOGY

AGRONOMIC DATA MANAGEMENT

- **Create a record** of your tillage passes to build a complete picture of your field work for future reference in Case IH FieldOps™.
- **Gather and visualize tillage data for better agronomic insights** into your operation with Case IH FieldOps.

SITE-SPECIFIC TILLAGE

- **From conservation to conventional**, prescription technology takes the same variable rate approach you use for seed and fertilizer rates with site-specific tillage and zone management.
- **Vary your practices** based on changing soil types, field conditions and topography.
- **Address a range of soil management challenges** to optimize every inch of the field, and minimize erosion and preserve moisture where needed.

PRESCRIPTION TILLAGE

- With Soil Command and the Case IH FieldOps, farm managers or agronomists can create field-specific prescriptions that automaticallyadjust tillage settings on the go, based on real-time field conditions.

PRODUCTIVE & EFFICIENT

- Automatic **adjustments are made quickly and efficiently** as the operator travels across the field.
- **Cover more acres** by varying and increasing speed as conditions allow.
- Whether adjusting from the cab or running prescription tillage, operating at a shallower depth helps **reduce equipment wear, boost fuel efficiency, and increase working speed.**



Hydraulic fore/aft positioning:
maintain consistent agronomic output



Disk gang pressure:
reduce pressure on frame



Disk gang depth:
create agronomic residue cover



Coordinated control:
optimize all components



Stabilizer wheels:
enhance handling and control



Crumbler pressure:
achieve consistent clod sizing



CASE IH FIELDOPS™

View and monitor your equipment and field information in one place, all on your mobile device, iPad® or the web.



WORKING WIDTH	11 FT. (3.4 M)	15 FT. (4.6 M)	20 FT. (6.1 M)	23 FT. (7.0 M)	25 FT. (7.6 M)	30 FT. (9.1 M)	34 FT. (10.4 M)
Engine HP Range	65 - 110 HP (48 - 82 kW)	90 - 150 HP (67 - 112 kW)	120 - 200 HP (89 - 149 kW)	140 - 230 HP (104 - 171 kW)	150 - 250 HP (112 - 186 kW)	210 - 340 HP	240 - 380 HP
Remote Hydraulic Valves	One (lift/lower)	Two-lift/lower and fold; Three (w/ optional hydraulic gang adj.)				Two-lift/lower and fold; Three hydraulic gang/tilt; Four optional hydraulic TigerPaw Crumbler	
Operating Depth & Speed	1 - 4 in. (25.4 - 101.6 mm) at 6 - 9 mph						
FRAME							
Transport Width	13 ft. (4.0 m)	13 ft. (4.0 m)	13 ft. (4.0 m)	13 ft. (4.0 m)	13 ft. (4.0 m)	17 ft. 10 in. (5.4 m)	17 ft. 10 in. (5.4 m)
Transport Height	N/A	9 ft. (2.7 m)	11 ft. 2 in. (3.4 m)	12 ft. (3.7 m)	13 ft. 7 in. (4.1 m)	12 ft. 2 in. (3.7 m)	13 ft. 10 in. (4.2 m)
Depth Control	Single point depth control				Soil Command - In cab electronic control		
Wing Depth Control	N/A		Mechanical adjustment		Soil Command - In cab independent wing depth control		
Wing Downpressure	N/A		Hydraulic wing downpressure		Soil Command - In cab hydraulic wing down pressure control		
Main Frame	Fore/Aft tubing – 6"×6" – 3/8" wall (15.24 cm×15.24 cm×0.95 cm); Cross tubing – 6"×4" – 3/8" wall (15.24 cm×10.16 cm×0.95 cm)						
Gang Frame	3×5 in. (76×127 mm) rectangular tube						
Fold	Rigid frame	Transport – single fold; Field – pinned rigid frame	Single fold				
CUSHION GANGS AND BLADES							
Gang Angle	0 - 12 degrees						
Gang Angle Adjustment	Mechanical front and rear or hydraulic independent adj. front and rear (optional)					Soil Command - In cab electronic control	
Mounts	Cushion mounted (C-spring) gang with heavy-duty 1-1/2 in. (32 mm) round arbor bolt						
Scrapers	Standard spool scraper, gang-to-gang scraper and trunnion bearing shield						
Bearings	Greaseable heavy-duty trunnion bearings						
Spacing	7.5 in. (191 mm) spacing						
Standard: Diameter	20 in. (0.508 mm) shallow concavity						
Standard: Thickness	0.256 in. (6.5 mm)						
Standard: Blade Design	Earth Metal, crimp center, shallow concavity VT wave blades						
Optional: Diameter	22 in. (572 mm) reverse crimp shallow concavity						
Optional: Thickness	0.256 in. (6.5 mm)						
Optional: Blade Design	Earth Metal, reverse crimp notched edge						
Number of Blades	40	56	68	76	84	96	106
Number of Bearings	10	16	20	20	20	22	24
WHEELS AND TIRES							
Main Frame	Walking tandem – 340/55-16					Walking tandem – 380/55R16.5	
Wing Frame	N/A		Walking tandem – 11L×15 Bias Ply			Walking tandem – 280/75R1	
Stabilizer Wheels	N/A	Optional one-way pivoting stabilizer wheels – Radial IF210/70R15			One-way pivoting stabilizer wheels with Soil Command control – Radial IF210/70R15		
REAR ATTACHMENTS							
Crumbler	Standard, 14 in. diameter with double-edge TigerPaw Crumbler spring down pressure				Standard, 14 in. diameter double-edge TigerPaw Crumbler with Soil Command control		
Double Crumbler	Optional, two 12 in. diameter with double-edge TigerPaw Crumblers with hydraulic down pressure				Optional, two 12. in diameter double-edge TigerPaw Crumblers with Soil Command control		



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