

VT-FLEX™ 435

VERTICAL TILLAGE TOOL

SPECIFICATIONS



ON-THE-GO ADJUSTMENTS FOR VARIABLE CONDITIONS

Spring or fall, match your soil management needs with the **VT-Flex 435 vertical tillage tool**. 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.



A FRONT T-HITCH

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

B SOIL MANAGEMENT FLEXIBILITY

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

C SIMPLE ADJUSTMENT POINTS

Single-point hydraulic depth control offers quick and easy adjustments in a variety of fields and conditions. Plus, choose from either **mechanical or hydraulic fore/aft leveling** for a smooth and even finish.

D ADJUSTABLE GANG ANGLES

Maximize time in the field with simple, on-the go adjustments. Gang angles are **mechanically or hydraulically adjustable** (15- to 25-foot models) from 0 to 12 degrees match your desired field finish.

E WALKING TANDEM

Standard walking tandem on the main frame and wings (15- to 25-ft. models) offers balance and stability, reducing soil compaction while providing optimal depth control.

F 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.



G DURABLE COMPONENTS

Rugged cast-iron nodular spools and large arbor bolts provide strength, durability and weight where it's needed. Greaseless bushings in all rockshaft pivots and heavy-duty roller bearings in TigerPaw™ Crumbler® help reduce routine maintenance.

H TIGERPAW CRUMBLER

The TigerPaw Crumbler features a proven spring down pressure design for consistent, effective clod sizing — with formed double edge bars to add strength in all conditions.

I NARROW TRANSPORT

Get from field to field faster and with ease with a narrow **13-foot 7-inch transport width**.



**15-ft. model shown.*

MODEL	VT-FLEX 435 VARIABLE INTENSITY TILLAGE				
SPECIFICATIONS	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)
Engine HP Range*	80–120 hp (60–90kW)	105–165 hp (80–125 kW)	140–220 hp (105–165 kW)	160–250 hp (120–190 kW)	175–275 hp (130–205 kW)
Remote Hydraulic Valves	One (lift/lower); Two (with optional fore/aft leveling)	Two (lift/lower and fold); Three or four (with optional hydraulic gang adj.); Four (with optional hydraulic fore/aft leveling)			
Operating Depth and Speed	1–4 in. (25.4–101.6 mm) at 6–9 mph				
FRAME					
Transport Width	13 ft. 7 in. (4.1 m)				
Transport Height	7 ft. (2.1 m)	9 ft. 10 in. (3 m)	11 ft. 8 in. (3.5 m)	12 ft. 10 in (3.6 m)	13 ft. 7 in. (4.1 m)
Depth Control	Single point depth control				
Main Frame	Fore/aft tubing: 6×6 in.—.5-in. wall (15.24 cm×15.24 cm×1.27 cm); Cross tubing: 6×4 in.—.5-in. wall (15.24 cm×10.16 cm×1.27 cm)				
Gang Frame	4×6 in. (102×152 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	Mechanical or hydraulic independent adj. front and rear (optional)			
Mounts	Cushion mounted (C-spring) gang with heavy duty 1 ½ in. (38 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				
Diameter	20 in. (.508 mm) shallow concavity				
Thickness	0.256 in. (6.5 mm)				
Blade Design	Earth Metal, crimp center, shallow concavity VT wave blades				
Number of Blades	40	56	68	76	84
Number of Bearings	10	16	20		24
WHEELS AND TIRES					
Main Frame	Walking tandem 340/55-16				
Wing Frame	NA		Walking tandem – 11L×15 bias ply		
Stabilizer Wheels	NA		Optional one-way pivoting stabilizer wheels – radial IF210/70R15		
REAR ATTACHMENTS					
Crumbler	Standard, 14 in. (355.6 mm) diameter with double-edge TigerPaw Crumbler spring down pressure				
WEIGHT					
Total Weight	11,000 lb. (4990 kg)	15,700 lb. (7121 kg)	18,300 lb. (8301 kg)	19,000 lb. (8618 kg)	20,300 lb. (9208 kg)

*7–11 hp per ft. (5–8 kW per ft.)



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