CASE IH - TILLAGE & SEEDING EQUIPMENT

CASE IH HELPS YOU OPTIMIZE YOUR GROWING ENVIRONMENT.

Crop producers know that their soil is the most precious natural resource, and better soil conditions mean higher crop yields. Case IH knows that every individual plant counts towards your bottom line and that's why we design our equipment with the producer's agronomic needs in mind. We develop equipment that gets you in and out of the field effectively to make the most of short weather windows. And our deep understanding of agriculture helps producers when they need it most. Case IH agronomic design keeps producers ahead of today's increasing demand.

AGRONOMIC DESIGN℠

ADX

ADVANCED AIR DELIVERY FOR BETTER PRODUCT HANDLING.

The advanced engineering of Case IH air carts allows you to apply seed and fertilizer efficiently, gently and accurately. Case IH air carts go farther between fills, apply several products in a single pass, fill and clean-out fast, and transport easily. The wide stance of Case IH air carts and a selection of tire options provide flotation and stability requirements for any terrain.

Case IH air cart technology lets you place up to two separate systems on the seeding tool. That means you can apply multiple products while seeding or banding fertilizer.

Quick-connects let you hook up to seeding or banding tools quickly and easily.

Easy Flow headers allow unbeatable product flow and gentle seed handling from primary to secondary lines. The design makes clean-out and service easy.

Air valve control at each meter enhances accurate delivery of products that may vary in size and weight. In-cab control is an available option.

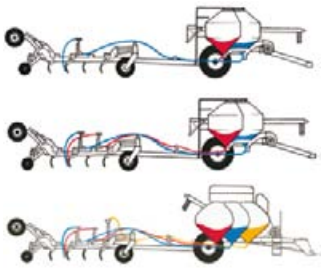
The power-efficient and versatile air distribution system features patented downdraft meter technology that divides product into equal sections – one for each primary line. Air and product are mixed in a parallel flow, allowing smooth transition. An agitator bar prevents bridging, providing a constant density supply of product to the meter roller.

DESIGNED FOR CONVENIENCE AND CONTROL.

Air carts can be tow-between or tow-behind. A tow-between cart has the advantage of the drill being the last implement over the field. A tow-behind cart has the advantage of the drill being closer to the tractor, for improved viewing of the seeding operation.

The ADX3430 and ADX3380 features three integrated polyethylene tanks, allowing you to carry up to three separate products for single- or double-shoot applications.

The ADX2230 features a steel tank that is divided into two compartments with a 60-40 split for single- or double-shoot applications. This flexibility creates more options for applying seed, fertilizer, or granular products in a single pass.



Single shoot
Two different commodities (e.g. seeds and fertilizer) flow into **one primary line;** they are mixed together and go to the rear seeding tools for distribution. Commodities are applied together.

Double shoot
2 or 3 different commodities flow into two separate primary lines; if we have 2 commodities they are kept separated, if they are 3, two of them are mixed together, they then go to the rear seeding tools and are distributed in two separated bands.

Triple shoot
Double shoot equipped with an additional broadcast distribution system. Shown with a 3rd tank option equipped with a broadcast adapter kit.

	ADX2230	ADX3380	ADX3430
Capacity l (bu.)	8,105 (230)	13,390 (380)	15,153 (430)
Compartments	2	3	3
Splits l (bu.)	3,030 / 5,074 (86/144)	5,744 / 4,335 / 3,313 (163/123/94)	6,554/3,594/5,004 (186/102/142)
DIMENSIONS			
Ground Clearance m (in.)	0.53 (21")	0.64 (25")	0.64 (25")
Height m (ft. in.)	4.0 (13' 1")	4.3 (14' 2")	4.65 (15' 3")
Overall Width,			
Single wheels m (ft. in.)	3.63 (11' 11")	3.86 (12' 8")	3.86 (12' 8")
Dual wheels m (ft. in.)	4.02 (13' 2")	4.93 (16' 2")	4.93 (16' 2")
Tow-Behind Length m (ft. in.)	5.8 (18' 11")	8.9 (29' 2")	8.94 (29' 4")
Tow-Behind Weight (Empty), kg (lb.)	3,996 (8,810)*	4,935 (10,880)*	5,189 (11,440)*
Tow-Between Length m (ft. in.)	6.4 (20' 10")	8.9 (29' 3")	8.61 (28' 3")
Tow-Between Weight (Empty) kg (lb.)	3,887 (8,570)*	4,962 (10,940)*	5,161 (11,380)*

	ADX2230	ADX3380	ADX3430
TIRES			
Front Caster	Dual	Dual	Dual
(on tow-behind model only)	16.5Lx16.1 AWT tires	22.5x16.1 STII tires	22.5x16.1 STII tires
Rear Axle mm (in.)	23.1x26 10-ply AWT single tire @ 3.05 (120) tracking width	30.5Lx32 12-ply AWT single tire @ 3.05 (120) tracking width	30.5Lx32 12-ply AWT single tire @ 3.05 (120) tracking width
Valves	Single-/double-shoot	Single-/double-shoot	Single-/double-shoot
Primary Lines	8	8	8
Fan Drive	Hydraulic single fan	Hydraulic dual fan	Hydraulic dual fan
Meter Drive System	Mechanical ground drive	Mechanical ground drive	Mechanical ground drive
Fill Auger, mm (in.) x m (ft.)	203 (8") x 48 (16') Steel cupped flighting	254 (10") x 58 (19') Steel cupped flighting	254 (10") x 5,8 (19') Steel cupped flighting

FLEXCONTROL MONITOR Display: Alpha-numeric (unit of measurement can be displayed in imperial or metric) – Sensors: Low level bin sensors for every compartment, shaft sensors monitor fan RPM, ground speed and individual meter rolls, rate per acre (hectare) readout and acre (hectare) tally. **OPTIONS:** Dual fan (ADX2230 only) – Hydraulic single fan (ADX3380, ADX3430 only) – Variable rate electro-hydraulic drive - Center pull rear hitch (tow-behind models only) – PTO hydraulic pump for fan drive (ADX2230 only) – Bin level depth gauge (ultrasonic) – Air velocity sensors – Field lighting package – Transport beacon warning light – Rear axle duals – Fan RPM/air damper control from monitor – Work switch – PVC auger flighting (ADX2230 only)

* Estimated weights

FLEX HOE 400/700

AIR DRILLS FOR EVERY SEEDING STYLE.

Case IH Flex Hoe Series air hoe drills offer the size, configuration and precision you need to match your operation. Our hoe drills combine seeding widths of up to 21.3 m with some of the narrowest transport widths in the industry. In addition, large tank capacities and big, easy-to-use augers mean fewer stops and faster fills. The result is more acres seeded each day. And you can also choose from a wide variety of seed and fertilizer placement options, openers, row packing, trips and shanks. Outstanding results on stubble.

FRAME WHEELBASE.

The contour depth of the Flex Hoe 700 is 3.75 m (12 ft. 4 in.) at a 2.54 cm (1 in.) seeding depth, this is significantly shorter than many competitors. The contour depth is the measurement from the front castors to the packer gang shaft or to the pivot of the packer walk beam. This shorter contour depth translates into a more consistent, accurate depth when entering a grade or dip or when crowning the top of a hill.

TRANSPORT TO FIELD POSITION.

Fast transport cycle time – fold/unfold between fields increases productivity and timeliness. The Case IH design also allows the operator to easily back the Flex Hoe and Precision Air Carts into a storage facility. The frame is hydraulically unfolded in minutes, one side at a time. This minimizes any negative hitch weight, minimizing stress on the tractor drawbar.

PRODUCTION INPUTS OPTIMIZAZION.

A double-shoot opener places seed and fertilizer in two separate furrows in one pass. The openers are followed by packing press wheels that match the furrows width. Depending on the type of opener (broad or narrow) disturbance of soil can be low or moderate: the same is true for weed control. Anyway, chemical weed control is needed. Fertilizers can be applied safely and at higher rates, because they are placed in the second furrow and do not enter in contact with seeds.

INDUSTRY LEADING TECHNOLOGY DELIVERING ACCURACY, PRODUCTIVITY AND RELIABILITY.

Professional growers demand productive seeding equipment that is Reliable, Robust and Accurate, allowing them to cover large acreages during a short and critical seeding time window.

The Flex-Hoe 400 is available as 8.5 m (28 ft), 10.1 m (33 ft), 12.2m (40 ft), 14.0 m (46 ft), 15.5 m (51 ft), 17.7 m (58 ft).

With large robust 305 x 305 mm (12 x 12 in.) steel tube mainframe and wings built to accurately flex and follow, the Flexhoe maintains consistent depth for the openers, regardless of terrain.

Flex-Hoe 700 available as a 18.3 m (60 ft.) or 21.3 m (70 ft.) wide unit.

Transport width of 5.4 m (17 ft. 8 in.) only slightly wider than the tractor pulling it for easy transport and storage.

Reliability and longevity are welded into every Flex Hoe 700. Utilizing a proven, robust 305 x 305 mm (12 x 12 in.) main frame platform, this drill is able to take the stress that is placed upon it, season after season with continued accurate results.
The main frame is supported across the entire width by walking-beam-equipped castors to provide constant frame to ground position and even weight distribution across the width of the drill.

		FLEX HOE 400	FLEX HOE 700
CONFIGURATION			
Seeding Method		Min-Till / No Till Hoe Drill - Single and Double Shot	
Row Spacings	mm (in.)	254 (10")	
Number of Shanks		from 34 to 70	from 72 to 84
Seed Supply		Air Cart	
Folding		Vertical Folding	Rear Folding
DIMENSIONS			
Working Width, Max.	m (ft.)	15.8 (52')	21.3 (70')
255 mm (10 in.) spacing	m (ft.)	10.1, 12.2, 14, 15.5 and 17.7 (28', 33', 40', 46', 51', and 58') wide	18.3 and 21.3 (60' and 70') wide
TRACTOR REQUIREMENTS			
Horse Power Requirement		4-7 Hp per shank w/Aircart	

RULE OF THUMB **1HP ENGINE = 0,86 HP PTO**

PRECISION HOE 800

PRECISION IN THE FIELD.

The Case IH Precision Hoe™ 800 air hoe drill offers accurate seed and fertilizer placement and good residue flow in uneven conditions. The patented parallel-link row unit and unique single-shank design allows precision in seeding a variety of crops, and particularly when seeding high-value, small-seed crops on large acreages. Outstanding results on stubble.

MAIN FRAME.

Reliability and longevity are welded into every Precision Hoe 800. Utilizing a proven, robust 305 x 305 mm (12 x 12 in.) main frame platform, this drill is able to take the stress that is placed upon it. The main frame is supported across the entire width by walking-beam-equipped castors to provide constant frame to ground position and even weight distribution across the width of the drill.

FRAME WHEELBASE.

Our 3 rank single knife opener is compact in design which allows for a short contour depth that is significantly shorter than many competitors. This shorter contour depth translates into a more consistent, precise depth when entering a grade or dip or when crowning the top of a hill.

DRILL WHEELS.

The front tool bar features four sets of Walking beam front castors with 11 L x 15 FI tires, while five tires of the same size equip the rear frame carrier wheels. 60' and 70' models feature a single 11 L x 15 FI wheel for the outer wings. Dual and high floatation tire options are available.

EFFECTIVE APPLICATION.

- Parallel links maintain both opener orientation and depth throughout range of motion +23/-18 cm. (+9/-7 in.)
- New opener angled knife technology allows for + 47.6 mm. (1⅞ in.) lateral and 22.2 mm (⅞ in.) vertical separation.
- Depth adjustment in 3.2 mm (1/8 in.) increments 0-50.8 mm (0-2 in.).

PLACING YOUR INPUTS RIGHT WHERE THEY SHOULD BE.

Patented true parallel link row unit with patented Ultra-Low disturbance knife openers work hand-in-hand for precise seed and fertilizer depth placement. (Double shoot)

Folding operations, row unit-trip force, and down pressure adjustments are all at the operators fingertips and easily adjusted on the monitor.

Patented rearward folding toolbar design provides narrow transport for stability and safety, providing operator peace of mind on busy highways. The compact footprint also allows for easy storage inside during the off season.

Smooth ride to maximize seed/ fertilizer placement and reduced wear and tear on frame components.

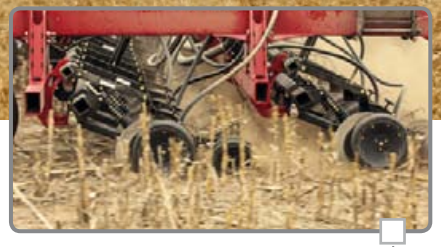
PRECISION HOE 800	15.2 m (50 ft.)	18.3 m (60 ft.)	21.3 m (70 ft.)
GENERAL			
Frame Type	Trailing, Patented Rear Fold for transport		
Number of main frame sections	3	5	5
Hitch	Floating hitch, CAT IV, pintle type		
Transport locks - Frame	Standard		
Hitch storage jack, rated at 3,000 lbs.	Standard		
Highway transport safety chain	Standard		
SMV sign and attaching hardware	Standard		
Transport lighting package	Standard		
ROW UNITS AND OPENERS			
Parallel-link row unit - Patented	Standard, w/ hydraulic trip force and down pressure adjustment		
Trip Force adjustment range kg (lbs.)	124.7 to 249.4 (275 to 550)		
Down pressure/packing adjustment range kg (lbs.)	61.2 to 90.7 (135 to 200)		
Row unit range of travel mm (in.)	Total of 387 (16") – 228 (9") up, 178 (7") down		
NUMBER OF OPENERS:			
254 mm (10 in.) Spacing	60	72	84
305 mm (12 in) Spacing	50	60	70

PRECISION HOE 800	15,2 m (50 ft.)	18,3 m (60 ft.)	21,3 m (70 ft.)
NUMBER OF OPENERS:			
Depth / Press wheel mm (in.)	122 x 203 (4.8" x 8") smooth, on-row pneumatic with sealant		
Depth Adjustment - Patented mm (in.)	Easy to set, adjustable from 0 - 50.8 (0" - 2")		
Opener- Patented double shoot sideband knife	Ultra-low disturbance, carbide tip and hard surfaced Ability to handle dry, liquid or anhydrous ammonia fertilizer		
TIRES - ALL STUBBLE RATED			
Standard, I - FI	11 - 15		
Optional - Dual tire, I - FI	11 - 15		
Optional - High Flotation, I - FI	12.5 - 15		
DIMENSIONS			
Transport height m (ft. in.)	5.03 (16' 6")		
Transport width m (ft. in.)	5.38 (17' 8")		
BASE MACHINE WEIGHTS - EST.			
254 mm (10 in.) spacing kg (lbs.)	13,017 (28,637)	15,408 (33,898)	17,266 (37,985)
305 mm (12 in.) spacing kg (lbs.)	12,542 (27,592)	14,839 (32,646)	16,603 (36,526)
TRACTOR REQUIREMENTS	Horse Power Engine: 5-7.5 hp per seeding elements (approximately)		
OTHER OPTIONS			
Air Kits, Tow-between or Tow-behind	Double shoot / Single shoot		
Blockage monitors	Basic or Expanded available; optical sensor		

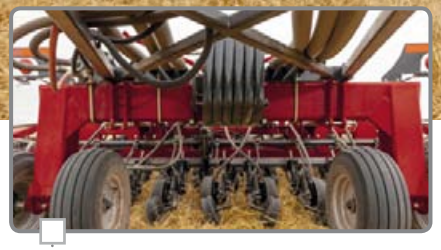
PRECISION DISK 500

SEEDING TECHNOLOGY THAT MAKES EVERY SEED COUNT.

You asked for more – more accuracy, more productivity and more efficiency for improved seeding results. The features you asked for are here with the new Precision Disk 500 drill. Improve your results with accurate seed populations, improved residue handling and seed depth control, uniform seed to soil contact and even emergence.



Forward-facing seed tubes direct the seed toward the scraper. This slows the seed and allows it to fall vertically in the seed trench, reducing seed tumble and hop so that it stays in the trench.



A single, spring-loaded T-handle adjusts depth and can be adjusted fore and aft in 14 increments.

The coulter is positioned at a 7 degree angle to open a high quality seed trench. The opener hub utilizes a heavy duty, double row, triple lip sealed bearing. The seed tube features a unique tube with a forward facing design.

Optional weight kits available.

INCREASE PRODUCTIVITY.

Single disk design tackles heavy residue and yield-robbing hair pinning.

Better emergence and better stands in a range of soil conditions.

Improved seed placement from parallel-link row unit system with new seed tube and scraper, combined with variable down-pressure springs and hydraulic rank pressure control. Single shot.

Seed at higher field speeds depending on soil and residue conditions.

Double-edge closing wheel ensures good seed-to-soil contact.

New 15.24 m (50 ft.) and 18.29 m (60 ft.) sizes for greater productivity.

RULE OF THUMB

1HP ENGINE = 0.86 HP PTO

PRECISION DISK 500	9.14 m (30 ft.)	12.19 m (40 ft.)	15.24 m (50 ft.)	18.29 m (60 ft.)
CONFIGURATIONS				
Tank Style	Tow behind or tow between air cart			
Row Spacing mm (in.)	254 (10") standard or 190.5 (7.5") opt.		254 (10") standard or 190.5 (7.5") opt.	
FRAME				
Weight (Empty) Est. mm - kg (in. - lbs.)	190.5 - 8900 (7.5 -19,600)	190.5 - 11250 (7.5 -24,800)	190.5 -18,143 (7.5 - 40,000)	190.5 - 20,639 (7.5 - 45,500)
Fold Type	Single Fold		Double fold	
Wing Flex	3 section flex (10° down & 15° up)		5 section flex (10° Down & 15° Up)	
Hitch	Floating			
Transport Height m (ft.)	3.63 (11.9')	4.2 (13.8')	4.02 (13.2')	4.5 (14.8')
Transport Width m (ft.)	3.65 (12')	5.63 (18.5')	5.7 (18.7')	5.7 (18.7')
Tire Package – Standard	Stubble resistant tire all locations. Quantity: 12 total wheels Front of mainframe – 12.5 L x 15 Dual wheels on castoring rigid axles Front and rear of each wing – 12.5 L x 15 Single wheel (front on castor) Rear of mainframe – 18 L x 16.1 Dual wheels on rigid axles		Stubble resistant tires all locations. Quantity: 20 total wheels Single 12.5 L – 15 D ply rating tires on outer wings Fixed tandem 12.5 L – 15 D ply rating tires on inner wings Walking tandem 16.5 x 16.1 E ply rating tires on center section	
Tire Package – High Floatation (Optional)	Stubble resistant tire all locations. Quantity: 16 total wheels Front of mainframe – 12.5 L x 15 Dual wheels on castoring walking beam axles Front and rear of each wing – 12.5 L x 15 Dual wheels on walking beam axles (front on castor) Rear of Mainframe – 18 L x 16.1 Dual wheels on walking beam axles		Stubble resistant tires all locations. Quantity: 24 total wheels Walking tandem 12.5 L – 15 D ply rating tires on inner and outer wings Walking tandem 16.5 x 16.1 E ply rating tires on center section	

PRECISION DISK 500	9.14 m (30 ft.)	12.19 m (40 ft.)	15.24 m (50 ft.)	18.29 m (60 ft.)
METERING / MONITORING				
Meter Drive System	Air cart dependent (mech or hyd drive)			
Display System	AFS Pro 700 or ISO11783 compliant display			
Flow Monitor	Optional primary run monitoring or optional secondary run monitoring			
Extended Wear Distribution	Optional			
ROW UNIT / OPENER				
Minimum PTO hp Requirement	7.5 in. - 195 hp*	7.5 in. - 260 hp*	10 in. - 228 hp* 7.5 in. - 304 hp*	10 in. - 274 hp* 7.5 in. - 365 hp*
Operating Speed kph (mph)	8 - 12.7 (5 - 8)		8 - 12.7 (5 - 8)	
Depth Adjustment mm (in.)	Per opener 0 - 89 (0" - 3.5") 14 increments with single "T" handle			
Row Unit Vertical Travel (from Surface) mm (in.)	216 up (8.5"); 292 down (11.5")			
Road-To-Opener Clearance mm (in.)	216 up (8.5")			
Row Unit Spring Down Pressure kg (lbs.)	73 - 181 (160 - 400)			
Rank Down Pressure Adjustment per Row	Single point hydraulic (optional in-cab) – 200 - 1,400 psi			
Opening Disk mm (in.)	457.2 (18") single bevel at 7°			
Closing System	Double edge, single wheel			
Closing System Pressure kg (lbs.)	3 Settings 27, 34, 39 (60, 75, 85)		3 Settings 59, 71, and 27, 32, 38 (84)	

* Additional horsepower is required to tow and operate the air cart. Minimum requirements are a starting point only and should be increased based on operating conditions in the field, road transport conditions, and other implements that are used with the drill.

ECOLO-TIGER 30C

GIVE YOUR PLANTS THE SWEET LIFE.

The best just got better, again. The next stage in the evolution of the Case IH Ecolo-Tiger primary tillage system has taken a large stride with the 30C Series. Twenty-three design changes have been made to increase productivity, residue flow and your bottom line. Healthy soil produces better plants, and the Ecolo-Tiger 30C Series offers the performance and residue management to get your plants off to a healthy start this season.
By fracturing compaction to increase soil tilth as well water and nutrient absorption by plants, the Case IH Ecolo-Tiger 30C creates a better plant growth environment, allows for early, fast root growth, especially critical in dry years, promotes higher yields by increasing the organic matter content in the soil and provides effective crop residue management and outstanding return on your investment.

ADD THE FINISHING TOUCH TO IMPROVE FALL SEED BED CONDITIONS.

Pull the Case IH P/T Crumbler™ Fall seed bed finisher (Round Bar or Flat Bar) behind your ecolo-tiger and

- break up clods
- knock soil off root crowns
- create smoother conditions for easier Spring seed bed preparation.

ADJUST YOUR ECOLO-TIGER 30C TO MATCH YOUR TILLAGE PRACTICE.

Case IH offers many shank, point and covering attachment configurations that provide the flexibility to adjust to various field conditions and soil types.

POINTS

250 mm (9.8 in.) standard Tiger Points
Fracture: 50%-70%
Residue remaining: 70%-85%
Mounts on 38 mm (1-1/2 in.) shanks

5 cm straight points
Used for prefracturing on lead shanks.
Mounts on 38 mm (1-1/2 in.) shanks or 31.75 mm (1-1/4 in.) lead shanks

RUGGED PERFORMANCE, RELIABLE RESULTS.

The Case IH Disk Level'r™ has been strengthened for longer life with adjustable hydraulics on the go.

The revolutionary Tiger Point design creates a unique "lift, twist and roll" action with wings that extend downward, rearward and outward.

Optional lead shanks pre-fracture the soil ahead of the main ripping shanks, enhancing tillage and reducing clod size.

The Case IH Ecolo-Tiger 30C has 61 cm diameter, crimped center, shallow concavity blades offering added strength and better penetration.

50 mm (1.9 in.) Tiger Points™ are now available on lead shanks to provide nearly complete soil fracture and smaller clod sizes.

ECOLO-TIGER	530C	730C
GENERAL		
Number of Main Shanks	5	7
Working Width m (ft. in.)	3.8 (12' 6")	5.3 (17' 6")
Transport Width m (ft. in.)	4.5 (14' 8")	5 (16' 5")
Hitch	Combo Clevis	
Swivel Hose Stand	Standard	
Weight (approximately) kg (lbs.)	5262 (11,600)	6895 (15,200)
Effective Weight Per Blade kg (lbs.)	86.2 to 95.3 (190 to 210)	
Mainframe Axles	Trailing Arm Single	
Mainframe Tires (standard)	16.5 x 16.1 14 PR	16.5 x 16.1 FI (E)
(optional)	16.5R x 22.5 Truck Tires	
TRACTOR REQUIREMENTS	Horse Power 45 engine Hp per shank	
DISK FRAME		
Blade Mounts	Individual Heavy-Duty C-Spring Cushion	
Disk Blade Size mm (in.)	610 (24")	
Disk Blade Design	Earth Metal Crimped Center	
Disk Blade Concavity	Shallow	
Disk Blade Spacing mm (in.)	381 (15") Indexed	

	530C	730C
DISK FRAME		
Bearings	Re-greasable	
Seals	Three-piece V-seals	
Front/Rear Gang Angle	18 degrees	
Depth Control	Independent Hydraulic	
SHANKS		
Main Shanks mm (in.)	38 x 152 (1.5" x 6") Parabolic	
Spacing mm (in.)	760 (30")	
Points mm (in.)	250 (10") tiger points	
DISK LEVEL'R		
Disks mm (in.)	460 (18")	
Spacing	Indexed between Main Shanks	
Depth Control	Hydraulic with Mechanical Stops	
Design	Heavy-Duty Saddle-type	
OPTIONS		
Rear Hitch	Includes Hydraulics	
P/T Crumbler	Flat Bar or Round Bar	

ECOLO-TIGER 875

THE FIRST STEP IN CREATING OPTIMAL SOIL CONDITIONS.

More than 40 years of mulch-till leadership stands behind the all-new Case IH Ecolo-Tiger® 875 with its Agronomic Design features for ideal seedbed conditions. The Ecolo-Tiger 875 sizes and mixes crop residue for nutrient release in sync with crop demands. It reestablishes pore space, improves internal drainage and increases water holding capacity. And it creates level soil conditions to provide a high-yield environment for plants. The result is industry-leading productivity, agronomic advantages for superior soil and the rugged durability you expect from Case IH.

X-DISK FRAME EASILY HANDLES CROP RESIDUE.

To maximize yield potential, the X-disk frame configuration aggressively sizes and mixes residue for rapid nutrient cycling. Disks are set at a 15-degree angle, allowing for more soil turning and machine stability.

UNIQUE DOUBLE-EDGE REEL.

Each bar on the reel has two edges which provides industry leading soil leveling output to reduce clod size to 152 mm (6 in.) or less. This results in less risk of emergence problems and the ability to maintain adequate soil structure. The optional reel can also be positioned hydraulically from the cab.

TWO DISK OPTIONS.

Individual 610 mm (24 in.) Earth Metal® disk blades on 381 mm (15 in.) centers for 191 mm (7.5 in.) index spacing. Disk gangs feature 660 mm (26 in.) Earth Metal® Disk blades that resist warping and are spaced 305 mm (12 in.) apart.

EXTENDED LIFE.

Redesigned high-density Tiger Points run 2.5-50 mm (1-2 in.) under hardpan compaction and deliver the proven Case IH lift-twistroll action with up to 350 percent more durability than previous designs. Available in three options: 50 mm (2 in.) tip, redesigned 178 mm (7 in.) welded chromium carbide capped tip and 178 mm (7 in.) replaceable tip.

PRODUCTIVE PERFORMANCE. AGRONOMIC RESULTS.

Ecolo-Tiger 875 offers excellent residue flow thanks to impressive disk-cutting power and shank positioning. The high, 965 mm (38 in.) underframe and minimum 915 mm (36 in.) spacing between shank points maximizes material flow and minimizes plugging.

New aquant priming and powder coat paint finish provides 400% more resistance to impact, scratching and paint fading compared to prior models. Powder coatings slow wearing with up to 50 percent higher chip resistance and 2.5 times longer color retention.

Industry-leading 7 mph operating speed saves time and optimizes the power of your tractor.

Narrow transport widths make it possible to get from field to field faster. It's also easy to change tractors thanks to a welded pull-hitch design that eliminates the need for complex clevis hitches with multiple holes and positions.

Disk gangs feature spools between the Earth Metal blades, which add weight to increase cutting pressure and clearance for residue flow through the gangs.

Four working widths are available to match a wide range of tractor horsepower from larger mechanical front-wheel-drive tractors to the largest wheel or tracked tractors.

RULE OF THUMB

1HP ENGINE = 0.86 HP PTO

ECOLO-TIGER® 875	7-SHANK MACHINE	9-SHANK MACHINE	11-SHANK MACHINE	13-SHANK MACHINE
WEIGHT				
Approximate with Disk Gangs, S/R Shanks and Reels kg (lb)	6,560 (14,470)	9,070 (20,000)	11,440 (25,220)	12,790 (28,200)
TRANSPORT STYLE				
Main Frame / Overall Length with Reel m (ft. in.)	10.19 (33' 4")	10.19 (33' 4")	10.59 (33' 9")	10.59 (33' 9")
Working Width m (ft.)	4.27 (14')	5.49 (18')	6.71 (22')	7.92 (26')
Transport Width m (ft. in.)	4.88 (16')	5.10 (16' 9")	5.10 (16' 9")	5.5 (18')
Wheels	Single 425/ 65Rx22.5 recapped truck tires	Single 425/ 65Rx22.5 recapped truck tires	Walking tandem 16.5Lx16.1 FI, Load Range E, with tubes	Walking tandem 16.5Lx16.1 FI, Load Range E, with tubes
TRACTOR REQUIREMENTS				
PTO Horsepower per foot	18 to 20 Hp (44 to 49 kW/m)			
PTO Horsepower per shank	35 to 40 Hp (86 to 98 kW/m)			
Operating Speed	5 to 7 mph (8 to 11 km/h) recommended			
EARTH METAL® DISK BLADES				
Individual Option mm (in.)	610 (24") diameter concave individually mounted on 381 (15") centers			
Trunion Gang Option mm (in.)	660 (26") diameter concave gang mounted on 305 (12") centers			

ECOLO-TIGER® 875	7-SHANK MACHINE / 9-SHANK MACHINE / 11-SHANK MACHINE / 13-SHANK MACHINE
SHANK MOUNT ASSEMBLY	
Shear Bolt Shank Protection, mm (in.)	610 (24") effective spacing, ideal for rock-free fields. Optional cover boards available
Auto-Reset Shank Protection, mm (in.)	610 (24") effective spacing, ideal for rocky conditions. Optional cover boards available
Auto Reset mm (in.)	330 (13") of trip clearance, hardened pins and composite bushings
Auto Reset and Shear Bolt, mm (in.)	16 (5/8") diameter grade 5 shear bolt
GROUND-ENGAGING SHANKS AND POINTS	
Shanks mm (in.)	32 x 102 (1-1/4" x 4"), optional wear shin
Shank Points	Chromium carbide capped Tiger Points
BLADES	
Blade Protection	Cushion mounted blades plus a frame that lifts against a spring loaded relief that automatically resets when obstruction is cleared
Individual Mounted Blades	1 C-hanger per blade (Optional C-hanger flex protection)
Gang Mounted Blades	Multiple C-hangers per gang with scrapers
SOIL FINISHING OPTIONS	
Hydraulic Disk Leveler	Opposing blades on a common arm for general all-purpose leveling
Hydraulic Disk Leveler plus optional Double-edge, Mounted Reel	Excels in well-drained soil conditions: Reel is available with mechanical or hydraulic positioning
Hydraulic Disk Leveler plus optional Spike Harrow or Coil Tine Harrow	Choose option that's right for your prevailing soil and weather conditions

ECOLO-TIL 2500

SOIL MANAGEMENT FOR HIGHER YIELDS.

Every plant starts out with an equal chance of producing recordsetting yields. However, the stress the plant is subjected to after planting limits its ability to reach its maximum yield potential. To increase yields, you must manage plant stress. How? The Case IH Ecolo-Til 2500. This system's primary components – Primary Tillage, Root Zone Banding and Seed Bed Preparation – are proven to increase yields. The Case IH Ecolo-Til 2500 performs the first component (Primary Tillage) plus a whole lot more...

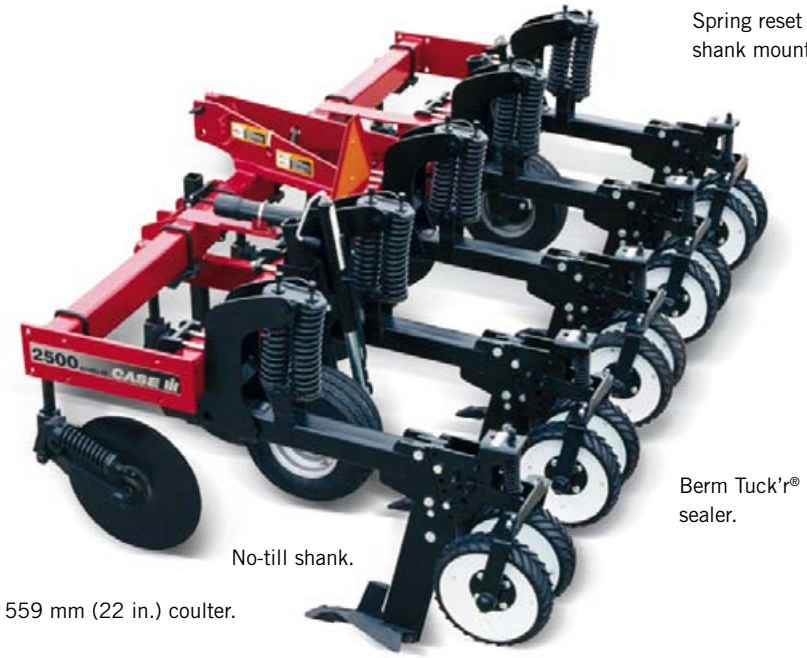
The Ecolo-Til 2500 can be equipped with an optional Disc Level'r™ which evenly distributes soil and residue across the soil surface.

No-till shanks, No-till points, Berm Tuck'r® row sealers and optional NH_3 or liquid fertilizer placement tubes.

Case IH No-till shanks and 203 mm (8 in.) No-till points offer minimum surface and residue disturbance while effectively breaking up compaction layers.

No-till shanks and 203 mm (8 in.) No-till points provide excellent fracture of compaction to increase water absorption and air exchange. When combined with Case IH BermTuck'r® row sealers, this tillage system provides disturbance-free tillage – a very effective system for No-till or HEL ground.

FITS EVERY FARMING PRACTICE.



Spring reset shank mounting.

Berm Tuck'r® row sealer.

No-till shank.

559 mm (22 in.) coulter.

203 mm (8 in.) No-till point.

	ECOLO-TIL 2500
FRAMES	
A & B MAINFRAMES	3, 4, 5, 6 and 7 rows
	double-bar 101 x 152 mm (4" x 6") tubing, 508 mm (20") rank
	bolt-on wings 432 or 686 mm (17" or 27")
	3-point hitch for Cat. II/III
C & D MAINFRAMES	6, 7, 8 and 9 rows
	double-bar 152 x 152 mm (6" x 6") tubing, 559 mm (22") rank
	hydraulic fold wings 711, 1010 or 1550 mm (28", 43" or 61")
	3-point hitch for Cat. III
GAUGE WHEELS – STANDARD	2 per machine, 20.5 x 8 tires, screw-adjustable with depth indicator
ROW SPACING mm (in.)	762, 914, 965 and 1000 (30", 36", 38" and 40")
WORKING WIDTHS m (ft. in.)	2.3 to 8.1 (7,6 to 26' 6")
HORSEPOWER REQUIREMENTS	28 to 38 PTO horsepower per shank
COULTERS (OPTIONAL) mm (in.)	559 (22") diameter, mounted on adjustable spring mounts

MULCH-TILL & RIDGE-TILL.

Parabolic shanks with optional 178 mm (7 in.) Tiger Points and 6 in. coverboards are the most aggressive tillage option. The parabolic shank is a 1-1/4 x 3 in. edge-bent shank that lifts and fractures compaction and covers more residue than straight shank designs. The winged Tiger Points and coverboards work in tandem to provide a high level of residue and soil mixing. **MRD (Minimum Residue Disturbance)** shanks with optional 178 mm (7 in.) Tiger Points offer excellent tillage while leaving the surface relatively undisturbed. Shin wedges work in conjunction with the Tiger Points to help relocate compacted soil layers and minimize surface residue disturbance.

HEAVY OFFSET DISK RMX 790

A TRADITION OF FARMING LEADERSHIP.

Case IH has a long legacy as being the leading supplier in the Offset Disk Market. The RMX790 brings 7 sizes, both in non-fold and folding version.

HITCH.

Welded hitch design provides stronger tongue to hitch frame connection. The 6.4 m (21 ft.) thru 8.2 m (27 ft.) models feature 127 mm (1/2 in.) wall tubing as well as extra reinforcing side plates that provide 35% more strength.

DEPTH CONTROL.

A positive mechanical depth control with stop collars, or an optional single point hydraulic depth control gives precise depth adjustments.

STRONGER GANG TUBES.

The gang tubes on 5.2 m (17 ft.) and larger units with 71 cm (28 in.) blades have been increased to 1.27 cm (1/2 in.). Gang tubes on all previous models were 3/8 in. thick.

MAIN FRAME LENGTHENED.

The RMX790's mainframe has been lengthened out by 280 mm (11 in.) compared to earlier models. This allows the rockshaft to be moved forward. The rockshaft arms have also been lengthened. This lengthening gives us a better balance on the machines.

STRONG, RUGGED, READY TO TACKLE TOUGH SOIL.

Reinforced wing cylinder anchor point on folding gang tubes.

Larger wheel gear rock shaft cast bearing mounts with 22 mm (7/8 in.) bolts 12.5L x 15 tires standard with optional.

New and improved hitch pull plate. Tractor swinging draw-bar needed.

Cylinder linkage supports for folding gangs.

Optional thicker disk bearing wear guards available.

Heavier gang tubes on folding machine sizes.

Serviceable and stronger wing hinge design (bigger pin, greasable, hardened bushings).

Reinforced mainframe for folding machine sizes.

CUSTOM EQUIP YOUR DISK WITH TWO DISK BLADE SIZES AND SPACING CONFIGURATIONS:

All-purpose offset disk – 711 mm (28 in.) diameter, 267 mm (10.5 in.) spacing front and rear.
Plowing disk – 812 mm (32 in.) diameter, 305 mm (12 in.) spacing front and rear.

RMX 790	ALL-PURPOSE OFFSET	PLOWING OFFSET
DISK BLADE DIAMETER mm (in.)	711 (28)	813 (32)
WORKING WIDTH m (ft. in.)	Rigid: 3.5 - 4.2 - 5.2 - 6 (11' 5" - 13' 11" - 17' 2" - 19' 9") Folding: 6.2 - 7.3 - 8.3 (20' 6" - 23' 10" - 27' 2")	Rigid: 3.4 - 4.2 - 5.1 - 6 (11' 1" - 13' 11" - 16' 10" - 19' 8") Folding: 6.6 (21' 6")
APPROX. OPERATING WEIGHT (SMALLEST AND LARGEST SIZES SHOWN) kg (lbs.)	3,856 to 7,031 (8,500 to 15,500)	4,264 to 7,258 (9,400 to 16,000)
BLADE SPACING mm (in.)	267 (10.5")	305 (12")
GANG ARBOR BOLTS mm (in.)	38 (1.5") square spring steel	45 (1.75") square spring steel
GANG SPOOL TYPE	Bell-shaped nodular iron with machined ends	Bell-shaped nodular iron with machined ends
GANG SPOOL DIAMETER mm (in.)	152 (6")	203 (8")
TYPICAL PTO HP REQUIREMENTS[1] hp/working ft. (kW/m)	12 to 17 PTO (29 to 42)	18 to 22 PTO (44 to 54)

[1] Hp requirements may vary, depending on soil type, terrain, residue and tractor

	RMX 790
GENERAL	
Mainframe mm (in.)	Rigid models: 152 x 203 (6" x 8") structural tubing Folding models also have 2 additional 178 x 178 (7" x 7") fore-aft tubes
Gang Tubes mm (in.)	102 x 254 (4" x 10") structural tubing
Bearing Guard	Outside Rear Gang standard, optionally available for other bearing locations
Weight[2] kg (lbs.)	3,856 to 7,258 (8,500 to 16,000)
Wheels	Dual wheels with heavy-duty 8-bolt hubs w/replaceable spindles; Standard: 125L x 15 tires; Optional: 31 - 13.5 x 15 terra rib tire
TRANSPORT	
SMV Emblem	Standard
Transport Locking System	Standard
Warning & Tail Lights	Standard
Safety Chain	Standard
DEPTH ADJUSTMENT	
Depth Control	Mechanical depth-stop collars fit over main lift cylinders as standard, single-point hydraulic depth control optional

[2] Operating weights will vary, based on disk blade size and spacing. Weights shown are based on the standard disk blades.

TRUE-TANDEM™ 335VT

CREATE THE BEST SEEDBED POSSIBLE – SPRING OR FALL.

Case IH continues its legacy of providing industry-leading vertical tillage technology with the True-Tandem™ 335VT. Designed with the producer's agronomic needs in mind, this rugged vertical tillage tool quickly sizes and evenly distributes heavy, tough crop residue and conditions and levels soil for the best seedbed possible. In the fall, Case IH VT blades slice through tough residue to size it for decomposition over the winter and level out small wheel tracks, while the rear double-edge formed rolling reel breaks up larger clods. In spring, indexed blades leave behind a nice level seedbed floor and further size and even out residue while the rolling reel distributes fines in the seedbed and smaller clods on top. The Agronomic Design of Case IH True-Tandem technology translates to fast, uniform seedling emergence and higher yield potential.

EARTH METAL VT WAVE BLADE.

The Earth Metal VT wave blades cut through tough residue and perform moderate leveling of the soil in one pass for a seedbed without standing stalks or shallow wheel tracks. The blade also withstands impacts without shattering or breaking, reducing downtime, even in rocky conditions. Robo-sharpener needed.

STUBBLE-RESISTANT TIRES.

New stubble-resistant tires help prevent flats caused by tough residue. Optional tires are larger – 340/55-16 on smaller models and 380/60-R16.5 on larger machines – for enhanced flotation and reduced soil compaction.

FRAME-MOUNTED GAUGE WHEELS.

The True-Tandem 335VT is more stable in the field, providing better depth control and maintaining a uniform seedbed, especially at high speeds. The 193 x 380 mm (7,6 × 15 in.) gauge wheels feature an adjustable, one-way-pivot design. The "stabilizer wheels" are bolted directly to the frame for less "wobble" in normal field operating conditions. Plus, operators can quickly and easily set the gauge wheels for wing leveling with no wrenches.

BUILT FOR HARD WORK EVERY DAY, EVERY SEASON.

New stubble-resistant tires help prevent flats caused by tough residue.

LED road transport lights have been added for higher visibility.
LED is brighter and longer lasting than traditional incandescent light bulbs.

The True-Tandem 335VT offers exclusive shallow concavity, wavy blades that send soil and residue up, over and out and enhances seedbed finishing. It breaks through crusty, sealed-over soils.

The 335VT uses straight bolts and steel plates around the gang frame bar to mount the disk gangs. This durable gang mounting clamp design adds strength and reliability.

Each reel's bar has two edges to hit large clods twice and tuck residue into the soil surface for improved leveling and proper soil structure.

The new True-Tandem 335VT gang scrapers are strong and feature a "U" shaped formed design to reduce plugging in wet or high-residue conditions or in rocky soil.

TRUE-TANDEM 335 VT	6.7 m (22 ft.)	7.6 m (25 ft.)	8.5 m (28 ft.)	9.4 m (31 ft.)	10.4 m (34 ft.)	12.8 m (42 ft.) *	14.3 m (47 ft.) *
TRACTOR REQUIREMENTS							
PTO Horsepower kw (hp)	82 - 164 (110 - 220)	93 - 186 (25 - 250)	104 - 209 (140 - 280)	116 - 231 (155 - 310)	127 - 254 (170 - 340)	276 - 313 (370 - 420)	335.5 - 350.5 (450 - 470)
Remote Hydraulic Valves	Four hydraulic remote valves					Three hydraulic remote valves	
Operating Depth / Speed mm (in.)	25 - 76 (1" - 3"), at 7 - 9 mph					25 - 76 (1" - 3"), at 7 - 9 mph	
FRAME	3 sections					5 sections	
Main Frame mm (in.)	152 x 152 (6" x 6") and 102 x 152 (4" x 6") fore-aft tubes				152 x 204 (6" x 8") and 102 x 102 (4" x 4") fore-aft tubes	152 x 203 (6" x 8")	152 x 203 (6" x 8")
Wing Frame mm (in.)	152 x 152 (6" x 6") and 102 x 152 (4" x 6") fore-aft tubes				152 x 152 (6" x 6") fore-aft tubes	152 x 152 (6" x 6")	152 x 152 (6" x 6")
Gang Frame mm (in.)	76 x 127 (3" x 5") rectangular tube					76 x 127 (3" x 5") rectangular tube	
Gang Angle	18 degrees front and rear					18 degrees front and rear	
Fold	Single Fold					Double Fold	
WHEELS AND TIRES							
Main Frame	8-bolt, 12.5 x 15 FI standard, 340/55-16 stubble resistant optional			8-bolt, 380 / 60 R16.5	8-bolt, 380 / 60 R16.5	8-bolt, 12.5 x 15 FI	8-bolt, 12.5 x 15 FI
Wing Frame	6-bolt, 11 L x 15 8-ply standard, 8-bolt w/stubble resistant tires optional					8-bolt, 12.5 x 15 FI	6-bolt, 12.5 L x 15 10-ply
Gauge Wheels	Pivoting wing stabilizer 6-bolt, 7.60 x 15 8-ply					Pivoting wing stabilizer 6-bolt, 7.60 x 15 8-ply	Hydraulically Adjustable 9.5 L x 15 8-ply
ARBOR BOLT							
Size mm (in.)	38 (1.5"), round spring steel					38 (1.5"), round spring steel	

* Different Frame

TRUE-TANDEM DISKS

FULL COVERAGE WITH EVERY PASS.

Case IH True-Tandem™ disk harrows provide true-tandem technology for straight, easy pulling and maximum pass coverage. Ideal for primary tillage, seedbed preparation or chemical incorporation, True-Tandem disks feature durability and low maintenance. Choose a rigid-frame or cushion gang mounts.

The Pull Frame features an increased section of pull plates and 9.5 mm (375 in.) wall tubing for added durability.

Earth Metal® blades feature a crimped-center design for increased blade strength and shallower concavity for better soil penetration with minimized soil compaction. The blades are mounted on nodular cast iron spools for even greater strength and durability.

The rockshaft, clamps and angle mounts provide great strength for the weight and size of the True-Tandem 375 disk.

610 mm (24 in.) Earth Metal blades on the True Tandem 375 disk. With an exclusive shallow-cavity design achieve industry leading soil penetration.

A BETTER DESIGN FOR BETTER SEED BED PREPARATION.

152 x 152 mm (6 x 6 in.) heavy wall outer wing tubes optimize weight balance.

The transport system, with a massive rock shaft section that is 2.4 times stronger than previous models.

The gang mounts are available in either a rigid or exclusive Case IH Cushion Gang® mounting.

All hydraulic cylinders are NitroSteel® for greatly improved resistance to corrosion.

The newly-designed hitch features an increased section of pull plates and thicker walls for added durability.

Earth Metal® blades are 30% stronger and last up to 20% longer than competitive blades.

Wheels are close to in-line in field transport position, for minimal sideways scuffing.

	TRUE-TANDEM 345	TRUE-TANDEM 375
TRACTOR REQUIREMENTS		
Engine Horsepower kW/m (hp/working ft.)	20 to 29 (8 to 12)	24 to 32 (10 to 13)
PTO Horsepower kW/m (hp/working ft.)	16.9 to 24.5 (6.9 to 10)	21 to 27 (8.6 to 11)
OPERATING DEPTH		
Depth Control	Single Point Hydraulic	
Fore/Aft Leveling	Mechanical Turnbuckle or Optional Hydraulic	
ARBOR BOLT		
Gang Arbor Bolts, mm (in.)	38 (1.5") Round	38 (1.5") Square
CROP RESIDUE MANAGEMENT		
Disk Blade Size	560 (22)	610 (24)
Disk Blade Design	Earth Metal® for longer wear, Crimped Center for added strength	Earth Metal® for longer wear, Crimped Center for added strength
Blade spacing, mm (in.)	190 or 229 (7.5" or 9")	229 (9")
Disk Bearings: Cushion Mounts	Trunnion Mounting/ Precision Regreasable	Trunnion Mounting/Precision Regreasable
Gang Disk Spools Size, mm (in.)	114 (4.5") Nodular Iron Spool	152 (6") Nodular Iron Spool
Gang Disk Spools Type	Slim center for improved residue flow; Machined ends for precise fit with Crimped Center blade	

	TRUE-TANDEM 345	TRUE-TANDEM 375
CROP RESIDUE MANAGEMENT		
Front & Rear Gang Disk Angle	18°	
Operating Depth (Typical), mm (in.)	51 to 102 (2" to 4")	76 to 152 (3" to 6")
Scrapers, mm (in.)	102 (4") Heavy-duty Spring Steel Flex or Rigid	102 (4") Heavy-duty Spring Steel – Rigid
TRANSPORT		
SMV Emblem	Standard	Standard
Transport Locking System	Positive Mechanical Transport Lock	Positive Mechanical Transport Lock
Warning & Tail Lights	Standard	Standard
Safety Chain	Standard	Standard
WORKING WIDTH		
At 229 mm (9 in.) spacing, m (ft.)	from 6.8 to 10.2 (22.3' to 33.5')	from 6.8 to 14.6 (22.3' to 48')
OPTIONAL EQUIPMENT		
3-bar Coil Tine Harrow	Optional, for excellent residuehandling capabilities	
3-bar Spike Tooth Harrow	Optional, for more aggressive clod sizing	

TIGER MATE 200

JUMP-START YOUR YIELD POTENTIAL.

Plants that get off to a fast, uniform start are proven to be more vigorous throughout their life cycle and are in the best position to maximize their growing potential. Seed bed conditions at planting are the determining factor for whether or not this great start happens. The industry leading Case IH Tiger-Mate 200 field cultivator and crumbler team up to create a firm, level seed bed. The Case IH Tiger-Mate 200 and Crumbler® are the perfect seed bed preparation team to give you the best chance for a great season.

The optional one-way pivot allows the stabilizer wheel to pivot when it is on the inside position of a turn to maintain proper depth control and reduce side loads on the wheel and tire. A stop built into the stabilizer wheel prevents the wheel from wobbling when operating in a straight line or on the outside of a turn.

A bridge frame design is used for the ultimate in strength and performance. 5-bar frame utilizes 76 x 102 mm (3 x 4 in.) side-to-side and 51 x 51 mm (2 x 2 in.) front-to-rear tubing. Lap welds are used to increase strength and extend frame life.

The unique flexible design of the coil-tine harrow prevents skips and gouges when going over terraces and through draws, while keeping it level from front to back and side to side. Depth and level adjustments are eliminated for maximum productivity in the field.

Case IH Advanced Conditioning Systems increase your profit potential two ways: by improving seed bed conditions, and thereby yields, and by increasing operator efficiency. Like the Case IH coil-tine harrow, these systems have no depth or level adjustments. Just drop the cultivator and go!

SUPERIOR SYSTEMS FOR SMOOTHER SEED BEDS.

No tools are needed to adjust tine angle for a customized field finish.

Adjustable spring down pressure per foot (27-36 kg/60-80 lbs.).

Large, 356 mm (14 in.) baskets easily roll over obstructions.

2-bar coil tine harrow is indexed to the rear shanks of the cultivator to effectively level the soil and distribute residue before the baskets. The parallel linkage eliminates depth adjustments.

Basket arms can be easily adjusted up by turning one bolt per arm if conditions are too wet.

Open basket centers for less basket load and plugging.

TIGER MATE 200	WORKING WIDTH	MAINFRAME WIDTH	WIDTH (MAX)*	HEIGHT (MAX)**
Single-Fold, m (ft. in.)	6.9 and 8 (22.5' and 26.5')	3.2 (10.5')	4.2 (13.9')	3.8 (12.5')
	9.9 (32.5')	3.8 (12.5')	4.8 (15.9')	4 (13.3')
	11.1 (36.5')	4.4 (14.5')	5.5 (17.9')	4.6 (15.1')
Double-Fold, m (ft.)	1.3 and 13 (40.5' and 42.5')	3.8 (12.5')	5.2 (16.9')	4.1 (13.5')
	15.4 (50.5')	4.4 (14.5')	5.8 m (18.9')	4.2 (13.6')
	16.6 and 18.4 (54.5' and 60.5')	4.4 (14.5')	5.8 (18.9')	4.7 (15.6')
HITCH	Self-Leveling hitch with turnbuckle adjustment Swinging hose stand with operator's manual storage Perfect Hitch for easier hookup			
MAINFRAME, mm (in.)	Industry-first bridge frame construction Five ranks of 76 x 102 (3" x 4") side to side and double 51 x 51 (2" x 2") fore/aft structural members Minimum rank spacing is 762 (30")			

	TIGER MATE 200
TRACTOR REQUIREMENTS	HP per working foot (engine) 5-8
SHANKS	Split-The-Middle sweep pattern 15.9 mm (5/8") thick by 44.5 mm (1-3/4") shanks Effective shank spacing is 152 mm (6") with minimum 600 m (24") spacing on any rank Compression-spring design with 68 kg (150 lbs.) trip force and 356 mm (14") trip height
DEPTH CONTROL SYSTEM	Positive mechanical crank adjustment turnbuckle for fore/aft levelness with depth indicator Convenient, wrench-free adjustment from the front bar
AVAILABLE OPTIONS	Rear hitch to pull crumbler Long Nose sweeps Advanced Leveling System harrows available (4-bar coil-tine) Advanced Conditioning Systems available ACS Flat
OPERATING GUIDELINES	Vary with soil conditions Requires approximately 4 to 7 pto horsepower per foot or 2 to 3.5 pto horsepower per shank Recommended operating speed is 8.8 km/m (5.5 mph) to 12.8 km/m (8 mph)

* To outermost shank ** Without harrows (Transport height and width may vary with harrows and are approximates.)

CRUMBLER

FINISH OFF PRIMARY TILLAGE FOR SMOOTHER SOIL CONDITIONS IN THE FALL.

The Case IH P/T crumbler is the ultimate field finishing tool for use after primary tillage. Pulled behind your mulch-till ripper or other primary tillage equipment, this tool reduces clod size, knocks soil off root crowns and creates overall smoother conditions in the Fall... and easier seed bed preparation and planting in the Spring. The P/T crumbler is available in five working widths from 4.57 to 7.62 m (15 to 25 ft.) and works best in conjunction with a Case IH Ecolo-Tiger® and Disk Level'r™ or MRX790 for an excellent Fall seed bed. Two models are available for different soil applications and conditions: Round rod and Flat bar. Each model is pull-type for easy hookup or detachment as needed.

The Case IH crumbler combines with the Ecolo Tiger to complete all of your secondary tillage in one pass.

This final tune-up creates an excellent seed bed of firm, fine soil covered by loose, coarse soil. The crumbler firms soil to reduce air pockets and moisture evaporation and enhances chemical incorporation to reduce "hot spots."

Large 410 mm (16 in.) rigidly mounted reels with heavy-duty bearings (shown with Round rods).

Folding versions have a narrow 4.1 m (13 ft. 6 in.) transport width.

BREAKS UP CLODS, KNOCKS SOIL OFF ROOT CROWNS AND CREATES SMOOTHER CONDITIONS AFTER PRIMARY TILLAGE.

Works best in low organic matter and clay soils as it chops through larger clods while moving more surface soil than the Round rod.

Saves time needed to properly prepare seedbeds before planting.

Reduces clod size and levels field.

Reduces air pockets through its firming action.

Creates better Fall seedbed conditions.

Very effective for mellow, loamy soils or sandy soils.

	CRUMBLER 110			CRUMBLER 160		
CONDITIONS THAT AFFECT FALL SEED BED	**Ecolo-Tiger® w/o P/T Crumbler**	**Ecolo-Tiger® w/ P/T Crumbler**	**Percent improve-ment**	**Ecolo-Tiger® w/o P/T Crumbler**	**Ecolo-Tiger® w/ P/T Crumbler**	**Percent improve-ment**
Maximum Clod Size, mm (in.)	160 (6.3")	86.4 (3.4")	46%	160 (6.3")	86.4 (3.4")	46%
Maximum Valley, mm (in.)	122 (4.8")	66 (2.6")	45%	122 (4.8")	66 (2.6")	45%
Fall Seedbed Levelness* mm (in.)	216 (8.5")*	96 (3.8")*	55%	216 (8.5")*	96 (3.8")*	55%

	CRUMBLER 110	CRUMBLER 160
VARIED WIDTHS		
Working Width m (ft. in.)	Rigid / 4.6 (15'); Single-fold / 5.3 (17' 6") - 6.1 (20') - 6.9 (22' 6") - 7.6 (25')	
Transport Width m (ft. in.)	Rigid / 4.7 (15' 6"); Single-fold / 4.1 (13' 6")	
Transport Height m (ft. in.)	Rigid / 1.4 (4' 6"); Single-fold / 2.3 (7' 6") - 2.6 (8' 6") - 2.9 (9' 6") - 3.2 (10' 6")	

	CRUMBLER 110	CRUMBLER 160
GENERAL		
Pull Frame mm (in.)	127 x 127 (5" x 5") with telescoping tongue	
Mainframe & Wings mm (in.)	152 x 102 (6" x 4") single bar tubing	
Reels mm (in.)	410 (16") diameter	
Optional Round Rods	25 mm (1") diameter (10 per reel) at 240 kg/m (160 lbs/ft.) ground pressure	
Optional Flat Bars	6 solid flat 8 x 64 mm (5/16 x 2.5") bars at 180 kg/m (120 lbs/ft.) ground pressure	
Hydraulics	211 kg/cm^2 (3,000 PSI) with ISO couplers	
Tires	9.5 L x 15 8-ply tubeless rib implement	
Hubs and Spindles	6-bolt replaceable	
TRANSPORT		
ASAE Warning and Tail Lights	Standard (with 7-pin connector)	
SMV Emblem and Safety Chain	Standard	
Parking Stand	Standard	
HP REQUIREMENTS	1.6 to 1.8 PTO horsepower per foot (1.2 to 1.3 kw per foot) Recommended operating speed: 4.5 to 7.5 mph (7.2 to 12.1 kph)	
OPERATING REQUIREMENTS	Vary with soil conditions and depth of tillage	

* Chain length measure

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