

CASE IH - TILLAGE & SEEDING EQUIPMENT

CASE IH
AGRICULTURE



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.



INTRODUCTION

..... 2-3

SEEDING EQUIPMENT

AIR CART

..... 4-5

HOE DRILL

..... 6-9

DISK DRILL

..... 11-13

TILLAGE

PRIMARY TILLAGE

..... 12-15

MINIMUM TILLAGE

..... 16-17

DISK HARROW

..... 19-23

FIELD CULTIVATOR

..... 24-25

P/T CRUMBLER®

..... 26-27

PRECISION AIR

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.



ALFALFA



CANOLA



PEAS



SOY



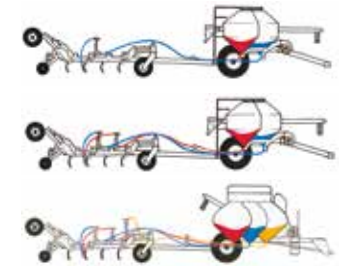
WHEAT

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 Precision Air 3430 and Precision Air 3380 features three integrated polyethylene tanks, allowing you to carry up to three separate products for single- or double-shoot applications.

The Precision Air 2230 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.

	PRECISION AIR 2230	PRECISION AIR 3380	PRECISION AIR 3430		PRECISION AIR 2230	PRECISION AIR 3380	PRECISION AIR 3430
Capacity, l (bu.)	8.105 (230)	13.390 (380)	15.153 (430)	TIRES			
Compartments	2	3	3	Front Caster	Dual	Dual	Dual
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)	(on tow-behind model only)	16,5Lx16,1 AWT tires	22,5x16,1 STII tires	22,5x16,1 STII tires
DIMENSIONS				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
Ground Clearance, m (in.)	0,53 (21")	0,64 (25")	0,64 (25")	Valves	Single-/double-shoot	Single-/double-shoot	Single-/double-shoot
Height, m (ft. in.)	4,0 (13' 1")	4,3 (14' 2")	4,65 (15' 3")	Primary Lines	8	8	8
Overall Width,				Fan Drive	Hydraulic single fan	Hydraulic dual fan	Hydraulic dual fan
Single wheels, m (ft. in.)	3,63 (11' 11")	3,86 (12' 8")	3,86 (12' 8")	Meter Drive System	Mechanical ground drive	Mechanical ground drive	Mechanical ground drive
Dual wheels, m (ft. in.)	4,02 (13' 2")	4,93 (16' 2")	4,93 (16' 2")	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
Tow-Behind Length, m (ft. in.)	5,8 (18' 11")	8,9 (29' 2")	8,94 (29' 4")	OPTIONS: Dual fan (Precision Air 2230 only) – Hydraulic single fan (Precision Air 3380, Precision Air 3430 only) – Variable rate electro-hydraulic drive - Center pull rear hitch (tow-behind models only) – PTO hydraulic pump for fan drive (Precision Air 2230 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 (Precision Air 2230 only)			
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)*				

* 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 OPTIMIZATION.

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.



ALFALFA



CANOLA



PEAS



WHEAT

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 (33ft), 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 / Conventional till hoe - 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

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 eco-lo-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



CANOLA



COTTON



CORN



PEAS



SOY



SUGAR BEET



SUNFLOWER



WHEAT

RUGGED PERFORMANCE, RELIABLE RESULTS.

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



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

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.

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		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				
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.



ALFALFA



CANOLA



COTTON



CORN



PEAS



SOY



SUGAR BEET



SUGAR CANE



SUNFLOWER



WHEAT

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	ECOLO-TIGER® 875	7-SHANK MACHINE	9-SHANK MACHINE	11-SHANK MACHINE	13-SHANK MACHINE
WEIGHT					SHANK MOUNT ASSEMBLY				
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)	Shear Bolt Shank Protection, mm (in.)	610 (24") effective spacing, ideal for rock-free fields. Optional cover boards available			
TRANSPORT STYLE					Auto-Reset Shank Protection, mm (in.)	610 (24") effective spacing, ideal for rocky conditions. Optional cover boards available			
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")	Auto Reset, mm (in.)	330 (13") of trip clearance, hardened pins and composite bushings			
Working Width, m (ft.)	4,27 (14')	5,49 (18')	6,71 (22')	7,92 (26')	Auto Reset and Shear Bolt, mm (in.)	16 (5/8") diameter grade 5 shear bolt			
Transport Width, m (ft. in.)	4,88 (16')	5,10 (16' 9")	5,10 (16' 9")	5,5 (18')	GROUND-ENGAGING SHANKS AND POINTS				
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	Shanks, mm (in.)	32 x 102 (1-1/4" x 4"), optional wear shin			
TRACTOR REQUIREMENTS					Shank Points	Chromium carbide capped Tiger Points			
PTO Horsepower per foot	18 to 20 Hp (44 to 49 kW/m)				BLADES				
PTO Horsepower per shank	35 to 40 Hp (86 to 98 kW/m)				Blade Protection	Cushion mounted blades plus a frame that lifts against a spring loaded relief that automatically resets when obstruction is cleared			
Operating Speed	5 to 7 mph (8 to 11 km/h) recommended				Individual Mounted Blades	1 C-hanger per blade (Optional C-hanger flex protection)			
EARTH METAL® DISK BLADES					Gang Mounted Blades	Multiple C-hangers per gang with scrapers			
Individual Option, mm (in.)	610 (24") diameter concave individually mounted on 381 (15") centers				SOIL FINISHING OPTIONS				
Trunion Gang Option, mm (in.)	660 (26") diameter concave gang mounted on 305 (12") centers				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 NH₃ 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.



ALFALFA



CANOLA



COTTON



CORN



PEAS



SOY



SUGAR BEET



SUGAR CANE



SUNFLOWER



WHEAT

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 790

A TRADITION OF FARMING LEADERSHIP.

Case IH has a long legacy as being the leading supplier in the Offset Disk Market. The Heavy Offset 790 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 Heavy Offset 790'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.



CANOLA



CORN



PEAS



SUGAR CANE



SUNFLOWER



WHEAT

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.

Heavier gang tubes on folding machine sizes.

Optional thicker disk bearing wear guards available.

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.

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

Reinforced mainframe for folding machine sizes.



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 REQUIREMENTS¹	12 to 17 PTO hp/working ft. (29 to 42 kW/m)	18 to 22 PTO hp/working ft. (44 to 54 kW/m)

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

	HEAVY OFFSET 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
Weight², 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 330 TURBO

TAKE VERTICAL TILLAGE TO THE NEXT LEVEL.

Vertical tillage can be an effective approach to crop residue challenges, while providing uninhibited early-seedling rooting and fullseason water and nutrient uptake for maximum yield potential. Yet, to deliver on this opportunity, seed beds must be level and uniform. Not only at the surface, but in relation to the root zone - especially the root zone of the young developing stand. Customers looked for a machine that did this and told us it was not to be found. No more. The True-Tandem 330 Turbo is the only vertical tillage machine that efficiently sizes and mixes residue and levels soil, ensuring greater productivity that comes from a smoother, more uniform seed bed.



HYDRAULIC LEVELING

Hydraulically adjustable leveler maintains uniform, ridge-free soil output.



WALKING TANDEM, HEAVY SPINDLES

Allow for high-speed vertical tillage in uneven terrain. The wheels are spaced and balanced throughout the machine to penetrate and level.



ONE-WAY PIVOTING GAUGE WHEEL

Prevents skidding on the soil surface in tight field corners and headlands, promoting more productivity on the turns.



SINGLE-POINT DEPTH CONTROL

Allows for precise, high-speed performance over a wide range of soil and crop residue types.



ADVANCED CONDITIONING SYSTEM

the adjustable-spring down pressure provides customized sizing and leveling to put the final touch on the seed bed ahead of planting operations. Engineered to maintain a uniform force curve throughout the trip height to reduce stress over uneven terrain. Unique non-concentric flat bars maximize basket strength for rocks and aggressiveness on clods or weeds.



CANOLA



PEAS



SOY



SUGAR BEET



SUNFLOWER

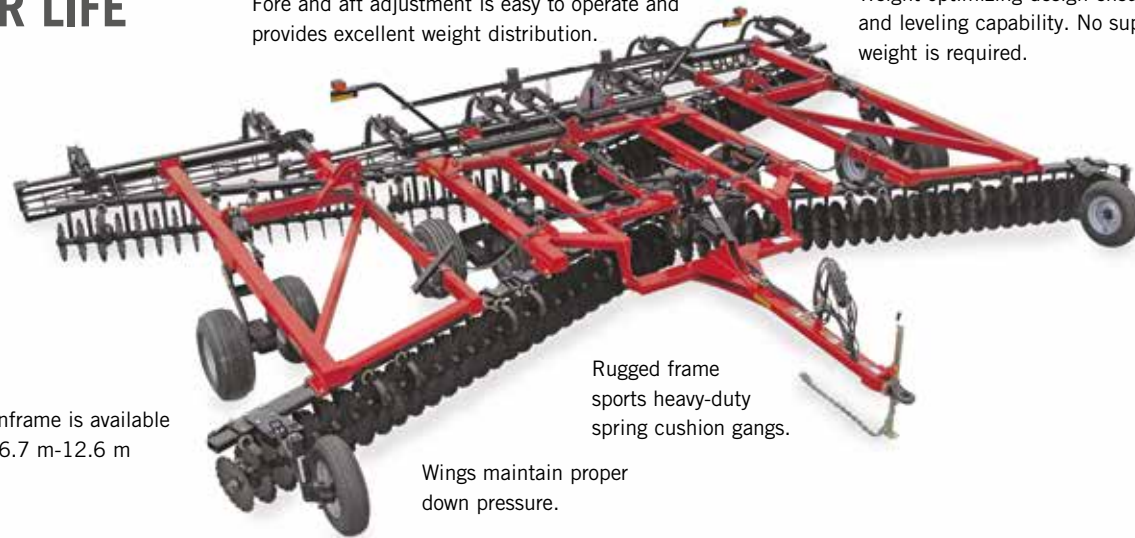


WHEAT

EXPERIENCE THE NEXT GENERATION... BETTER DESIGN FOR LONGER LIFE

The efficiently designed True-Tandem 330 Turbo increases productivity by achieving excellent horsepower per foot ratio requirements. This machine was built and tested by field people for field people. It sports huge mainframe tubes, walking tandems in the center section and on the wings, and massive bearings and running gear to deliver peak performance of the Turbo blades. Finishing baskets use spiral-formed flat bars with no center shaft to maximize strength and stay clean.

The mainframe is available in sizes 6.7 m-12.6 m



Fore and aft adjustment is easy to operate and provides excellent weight distribution.

Weight-optimizing design ensures penetrating and leveling capability. No supplemental weight is required.

Rugged frame sports heavy-duty spring cushion gangs.

Wings maintain proper down pressure.

TRUE-TANDEM 330 TURBO	6.7 m (22 ft.)	7.6 m (25 ft.)	9.4 m (31 ft.)	10.4m (34 ft.)	12.8 m (42 ft.)
TRACTOR REQUIREMENTS					
PTO Horsepower (HP)	132 to 242	150 to 275	186 to 341	204 to 374	252 to 462
Remote Hydraulic Valves	Three hydraulic remote valves				
Tractor Hydraulic Pressure	1.55 kgf/mm ² (2200 p.s.i.) minimum				
Tractor Electrical System	12 volt with 7-pin connector				
FRAME					
Operating depth	25 to 64 mm (1 to 2-1/2 in.)				
Frame	10x15 cm fore-aft tubes	15x15 cm fore-aft tubes		twin for-aft tubes 10x15 cm & 15x15 cm	15x20 cm tubes on mainframe and 15x15 cm tubes on wings
ARBOR BOLT					
Size	38 mm (1-1/2 in.), Round Spring Steel				
Torque	1085 Nm (800 lb-ft.)				
TURBO BLADE					
Diameter	51 cm (20 in)				
Thickness	6.5 mm (0.256 in)				
Blade Spacing	19 cm (7.5 in)				
BASKET					
Basket Diameter	356 mm (14 in.)				
Number of Flat Bars	10				
Spring Assembly Trip Height	495 mm (19.5 in.)				
Down Pressure	Adjustable 81 – 108 N m (60 – 80 lb-ft.)				
GANGS					
Unitized Gangs	13x8 cm rectangular tube gang bars w/bolted on heavy-duty nodular iron bearing standards. 18° angle front and rear.			10x15 cm rectangular tube gang bars w/bolted on heavy-duty nodular iron bearing standards. 18° angle front and rear	
Spool Scrapers	Gang to gang scrapers and trunnion bearing shields				
Rear Conditioner	36 cm (14 in) diameter rolling ACS				
Gang Arbor Bolts	38 mm (1.5 in) Square				

* 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 370 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.



CANOLA



COTTON



CORN



PEAS



SOY



SUGAR BEET



SUNFLOWER



WHEAT

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

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.

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

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

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

	TRUE-TANDEM 370		TRUE-TANDEM 370
TRACTOR REQUIREMENTS		CROP RESIDUE MANAGEMENT	
Engine Horsepower	24 to 32 kW/m (10 to 13 hp/working ft.)	Front & Rear Gang Disk Angle	18°
PTO Horsepower	21 to 27 kW/m (8,6 to 11 hp/w ft)	Operating Depth (Typical), mm (in.)	76 to 152 (3" to 6")
OPERATING DEPTH		Scrapers, mm (in.)	102 (4") Heavy-duty Spring Steel – Rigid
Depth Control	Single Point Hydraulic	TRANSPORT	
Fore/Aft Leveling	Mechanical Turnbuckle or Optional Hydraulic	SMV Emblem	Standard
ARBOR BOLT		Transport Locking System	Positive Mechanical Transport Lock
Gang Arbor Bolts, mm (in.)	38 (1,5") Square	Warning & Tail Lights	Standard
CROP RESIDUE MANAGEMENT		Safety Chain	Standard
Disk Blade Size	610 (24)	WORKING WIDTH	
Disk Blade Design	Earth Metal® for longer wear, Crimped Center for added strength	At 229 mm (9 in.) spacing, m (ft.)	from 6,8 to 14,6 (22,3' to 48')
Blade spacing, mm (in.)	229 (9")	OPTIONAL EQUIPMENT	
Disk Bearings: Cushion Mounts	Trunnion Mounting/Precision Regreasable	3-bar Coil Tine Harrow	Optional, for excellent residuehandling capabilities
Gang Disk Spools Size, mm (in.)	152 (6") Nodular Iron Spool	3-bar Spike Tooth Harrow	Optional, for more aggressive clod sizing
Gang Disk Spools Type	Slim center for improved residue flow; Machined ends for precise fit with Crimped Center blade		

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 P/T 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!



ALFALFA



CANOLA



COTTON



CORN



PEAS



SOY



SUGAR BEET



SUGAR CANE



SUNFLOWER



WHEAT

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.)

P/T 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.



CANOLA



COTTON



CORN



PEAS



SOY



SUGAR BEET



SUNFLOWER



WHEAT

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.

CONDITIONS THAT AFFECT FALL SEED BED	P/T CRUMBLER® 110			P/T CRUMBLER® 160			GENERAL	P/T CRUMBLER® 110	P/T CRUMBLER® 160
	Ecolo-Tiger® w/o P/T Crumbler	Ecolo-Tiger® w/ P/T Crumbler	Percent improvement	Ecolo-Tiger® w/o P/T Crumbler	Ecolo-Tiger® w/ P/T Crumbler	Percent improvement			
Maximum Clod Size, mm (in.)	160 (6,3")	86,4 (3,4")	46%	160 (6,3")	86,4 (3,4")	46%	Pull Frame, mm (in.)	127 x 127 (5" x 5") with telescoping tongue	
Maximum Valley, mm (in.)	122 (4,8")	66 (2,6")	45%	122 (4,8")	66 (2,6")	45%	Mainframe & Wings, mm (in.)	152 x 102 (6" x 4") single bar tubing	
Fall Seedbed Levelness* mm (in.)	216 (8,5")*	96 (3,8")*	55%	216 (8,5")*	96 (3,8")*	55%	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/cm² (3,000 PSI) with ISO couplers	
							Tires	9,5L 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	
VARIED WIDTHS	P/T CRUMBLER® 110			P/T CRUMBLER® 160					
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")								

* Chain length measure



Safety never hurts! Always read the Operator's Manual before working with any equipment. Inspect equipment before using it, Your Case IH Dealer and be sure it is operating properly. Follow the product safety signs, and use any safety features provided. This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment. Case IH recommends **AXCELA** lubricants.

Case IH EMEA Brand Communications - Steyrer Strasse 32, 4300, Sankt Valentin, Austria - © 2015 CASE IH -
Visit our website: www.caseih.com
Send us an e-mail: Africa.MaxService@caseih.com - MiddleEast.MaxService@caseih.com - Tillage Range
- Cod. N. 15MEAC7001COM

