

ECOLO-TIGER 30C SERIES

CASE III
AGRICULTURE



GIVE YOUR PLANTS THE SWEET LIFE.

The best just got better, again. The next stage in the evolution of the Case IH eco-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.

Prepare your soil for a productive season. Healthy soil produces better plants, and the eco-tiger 30C Series offers the performance and residue management to get your plants off to a healthy start this season.

EVERY HOUR A PLANT ENDURES STRESS, IT SACRIFICES YIELD TO STAY ALIVE.

The Case IH eco-tiger 30C:

- creates a better plant growth environment to reduce plant stress
- provides effective crop residue management
- promotes higher yields
- provides an outstanding return on your investment

23 DRAMATIC IMPROVEMENTS.

FRAME

- A. Main frame stretched 20.3 cm (8 in.) to increase clearance by lead shanks
- B. Increased lift cylinder lug thickness
- C. Gussets added on the wheel arm support of 730C
- D. Strengthened 530C wheel pedestal
- E. Hub and spindle load ratings have increased
- F. Increased tire ply & load ratings
- G. Total machine weight has increased for more powerful cutting force

LEVEL'R SECTION

- H. disk level'r™ arms increased to 10.1 cm x 15.2 cm (4 in. x 6 in.) tubing
- I. level'r cylinder mounts are thicker and on the side of the tube for more strength
- J. Three-piece V-seals in disk level'r hubs
- K. Rear hitch mounts off back of 15.2 cm x 20.3 cm (6 in. x 8 in.) frame rather than under the frame (rear hitch not shown)
- L. New saddle-type level'r arm design for increased durability

DISK SECTION

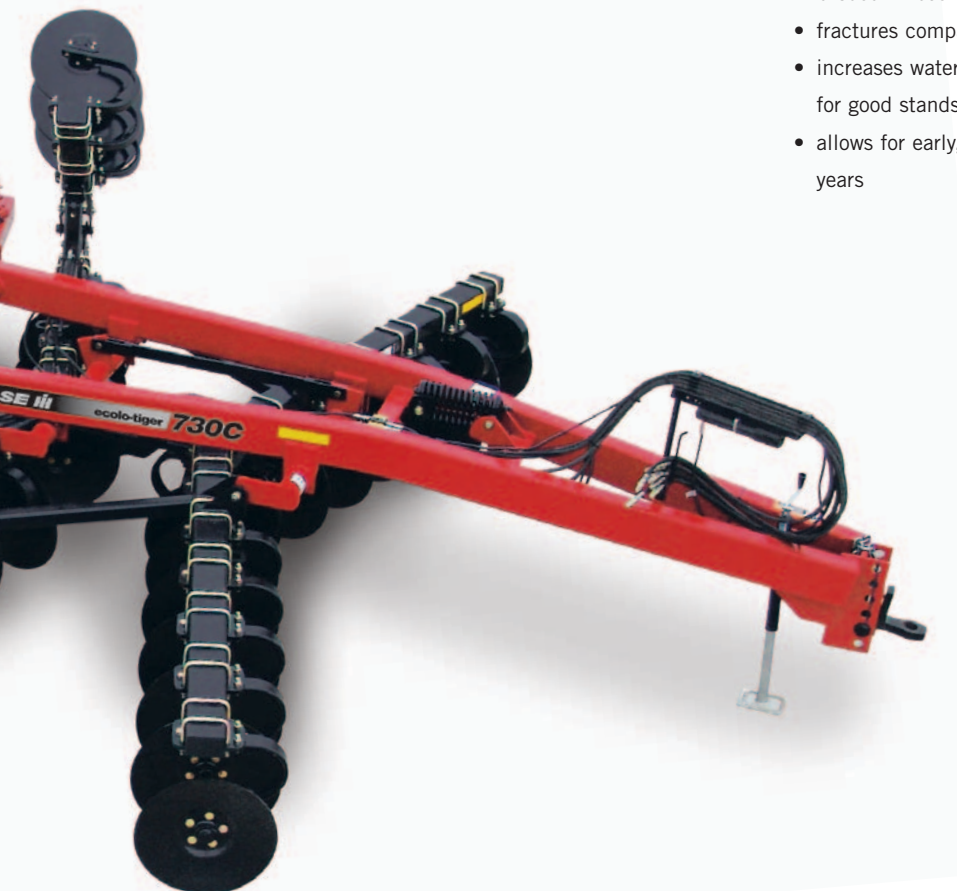
- M. Disk frame angle increased from 15 degrees to 18 degrees
- N. Increased rank between front and rear disks
- O. Fore and aft disk support tube is now mounted for improved soil and residue flow
- P. Wing hinge redesigned for increased holding power on 730C
- Q. Shims stop the disk wing at a level position on 730C
- R. Heavier C-spring hangers feature additional residue clearance
- S. Blade to disk frame clearance was increased from 3 cm to 7 cm (1-1/4 in. to 2-3/4 in.)
- T. New three-piece V-seals on disk hubs
- U. Larger disk blade 61 cm (24 in.) diameter
- V. Crimped center – shallow concavity Earth Metal™ blades
- W. New spring pack for increased disk down force



INCREASED FRACTURING FOR SUPERIOR SOIL TILTH.

Case IH tiger® points shatter compaction for a mellow, more productive soil:

- 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
- 5 cm (1.9 in.) tiger points are now available on lead shanks to provide nearly complete soil fracture and smaller clod sizes



MANAGE CROP RESIDUE.

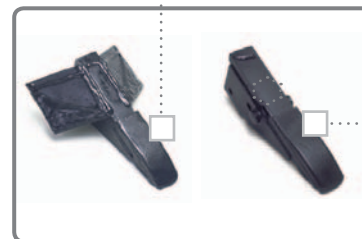
The Case IH eco-tiger 30C:

- cuts, sizes and mixes residue
- increases the organic matter content in the soil
- allows rain to soak down into the soil faster, decreasing erosion through improved porosity and drainage
- has 61 cm diameter, crimped center, shallow concavity blades offering added strength and better penetration
- blades have a patented index position relative to the shanks

CUT THROUGH THE COMPACTION... THE YIELD BARRIER.

The Case IH eco-tiger 30C:

- fractures compaction to increase soil tilth
- increases water and nutrient absorption by plants, essential for good stands and higher yields
- allows for early, fast root growth, especially critical in dry years



ACHIEVE UNIFORM DISTRIBUTION WITH THE DISK LEVEL'R.

The Case IH disk level'r has been strengthened for longer life with adjustable hydraulics on the go:

- evenly distributes the residue and soil over the shank path
- heavier down pressure allows a more uniform surface for consistent warming and earlier planting in the Spring

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-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

- 25 cm (9.8 in.) standard tiger points
Fracture: 50%-70%
Residue remaining: 70%-85%
Mounts on 3.8 cm (1-1/2 in.) shanks
- 5 cm straight points
Used for prefracturing on lead shanks.
Mounts on 1-1/2 in. shanks or 1-1/4 in. lead shanks

	530C	730C
GENERAL		
Number of Main Shanks	5	7
Working Width	3.8 m (12 ft. 6 in.)	5.3 m (17 ft. 6 in.)
Transport Width	4.5 m (14 ft. 8 in.)	5 m (16 ft. 5 in.)
Hitch	Combo Clevis	
Swivel Hose Stand	Standard	
Weight (approximately)	5262 kg (11,600 lbs.)	6895 kg (15,200 lbs.)
Effective Weight Per Blade	86.2 to 95.3 kg (190 to 210 lbs.)	
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	
DISK FRAME		
Blade Mounts	Individual Heavy-Duty C-Spring Cushion	
Disk Blade Size	61 cm (24 in.)	
Disk Blade Design	Earth Metal Crimped Center	
Disk Blade Concavity	Shallow	
Disk Blade Spacing	38.1 cm (15 in.) Indexed	
Bearings	Re-greasable	
Seals	Three-piece V-seals	
Front/Rear Gang Angle	18 degrees	
Depth Control	Independent Hydraulic	
SHANKS		
Main Shanks	3.8 cm x 15.2 cm (1.5 in. x 6 in.) Parabolic	
Spacing	76 cm (30 in.)	
Points	25 cm (10 in.) tiger points	

	530C	730C
Lead Shanks (Optional)	3.2 cm x 7.6 cm (1.25 in. x 3 in.) Parabolic	
Spacing	76 cm (30 in.) Indexed between Main Shanks for 38 cm (15 in.) effective spacing	
Points	5 cm (2 in.)	
Depth Control	Positive Mechanical Depth Stops	
DISK LEVEL'R	Standard	
Disks	46 cm (18 in.)	
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	

CASE IH TRACTOR MATCH FOR OPTIMAL SOIL MANAGEMENT		
ecolo-tiger 30C	530C	730C
Magnum™ Series Tractors	X	
Steiger® Series Tractors		X

Case IH recommends **ARCELA** lubricants.



SAFETY NEVER HURTS!™ Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, 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.

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- 06/14 - Cod. N. AP4402C/1NB



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