

CASE *III*

ECOLO-TIGER 30C SERIES



**New for
2006**

23 DRAMATIC IMPROVEMENTS

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.

FRAME

- A.** Main frame stretched 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

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 1-1/4 in. to 2-3/4 in.
- T.** New three-piece V-seals on disk hubs
- U.** Larger disk blade 24 in. diameter
- V.** Crimped center – shallow concavity **Earth Metal™** blades
- W.** New spring pack for increased disk down force

LEVEL'R SECTION

- H.** **disk level'r™** arms increased to 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 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



GIVE YOUR PLANTS THE SWEET LIFE

CUT RESIDUE. SHATTER COMPACTION. REAP THE REWARDS.

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

The Case IH ecolo-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

MANAGE CROP RESIDUE

The Case IH ecolo-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 24" 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 ecolo-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

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
- 7 in. **tiger points** are now available on lead shanks to provide nearly complete soil fracture and smaller clod sizes

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 ecolo-tiger and

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



PREPARE YOUR SOIL FOR A PRODUCTIVE SEASON

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.

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

10 in. standard tiger points

Fracture: 50%-70%

Residue remaining: 70%-85%

Mounts on 1-1/2 in. shanks



10 in. points also available with replaceable tip/wing

7 in. standard tiger points

Fracture: 30%-60%

Residue remaining: 70%-90%

Mounts on 1-1/2 in. shanks or 1-1/4 in. lead shanks



7 in. point for 1-1/4 in. shank also available with replaceable tip

2 in. straight points

Used for prefracturing on lead shanks.

Mounts on 1-1/2 in. shanks or 1-1/4 in. lead shanks



SPECIFICATIONS

	530C	730C
GENERAL		
Number of Main Shanks	5	7
Working Width	12 ft. 6 in. (3.8 m)	17 ft. 6 in. (5.3 m)
Transport Width	14 ft. 8 in. (4.5 m)	16 ft. 5 in. (5 m)
Hitch	Combo Clevis	
Swivel Hose Stand	Standard	
Weight (approximately)	11,600 lbs. (5262 kg)	15,200 lbs. (6895 kg)
Effective Weight Per Blade	190 to 210 lbs. (86.2 to 95.3 kg)	
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	24 in. (61 cm)	
Disk Blade Design	Earth Metal Crimped Center	
Disk Blade Concavity	Shallow	
Disk Blade Spacing	15 in. (38.1 cm) Indexed	
Bearings	Re-greasable	
Seals	Three-piece V-seals	
Front/Rear Gang Angle	18 degrees	
Depth Control	Independent Hydraulic	
SHANKS		
Main Shanks	1.5 in. x 6 in. (3.8 cm x 15.2 cm) Parabolic	
Spacing	30 in. (76 cm)	
Points	2 in. straight, 7 in. or 10 in. (5 cm, 18 cm or 25 cm) tiger points	

Lead Shanks (Optional)	1.25 in. x 3 in. (3.2 cm x 7.6 cm) Parabolic
Spacing	30 in. (76 cm) Indexed between Main Shanks for 15 in. (38 cm) effective spacing
Points	2 in. straight or 7 in. (5 cm or 18 cm) tiger points
Depth Control	Positive Mechanical Depth Stops
DISK LEVEL'R	
Disks	18 in. (46 cm)
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
MX245	X	
MX275	X	
MX305	X	
STX280	X	
STX330		X
STX380		X
STX430		X



SAFETY NEVER HURTS!TM 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.

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