ECOLO-TIGER 875 DISK RIPPER

CASE IH

ECOLO-TIGER® 875

DISK RIPPER

AGRONOMIC DESIGN™

CASE IH

ECOLO-TIGER 875

4 Models | Working Widths: 14–26 Ft.

The Ecolo-Tiger 875 sizes and mixes crop residue for nutrient release that's 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 and agronomic advantages for a superior soil finish you expect from Case IH.

Available on the Ecolo-Tiger 875, **AFS Soil Command™** tillage technology allows producers to optimize the agronomic quality of their seedbed — right from the tractor cab. With site-specific precision and total implement control, you can match variable tillage treatments to the specific conditions of your field like never before.

"We needed prescription tillage 30 years ago. I would not allow a disk-ripper in this field if it was not capable of on-the-go adjustment."

Doug Radcliffe, Circleville, OH

ECOLO-TIGER 875 DISK RIPPER

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CREATING A POSITIVE ENVIRONMENT FOR AGRONOMIC PERFORMANCE

More than 40 years of mulch-till leadership stands behind the Case IH Ecolo-Tiger 875 with its Agronomic Design™ features for ideal seedbed conditions. And now, with **AFS Soil Command** agronomic control technology, you have the tools to know what's hidden in your fields, so you can make agronomic adjustments.

CROP RESIDUE MANAGEMENT

Case IH disk rippers help you cut, size and mix crop residue to reduce erosion and increase production capacity. This **effective crop residue management** allows you to increase organic-matter content in the soil. This provides a soil/residue mixture that allows moisture to penetrate the subsoil faster and decreases erosion through improved porosity and drainage.

SOIL TILTH

Ideal soil composition — known as soil tilth — is 50 percent soil and 50 percent pore space, with water and air equally distributed within the pore space. Soil compaction eliminates this needed pore space and is a common yield-robbing culprit. Proper primary tillage using a Case IH disk ripper effectively **fractures compaction to increase soil tilth** encouraging vigorous root development which promotes better stands and higher-yielding plants. You will see **soil warm faster and more evenly for earlier spring planting,** increased water absorption and a reduction in ponding.

SEEDBED CONDITIONS

Case IH disk rippers give you the flexibility to **finish the field to match your farming practices.** Creating a first-pass soil surface that settles level prior to secondary tillage and planting maximizes each plant's yield potential leading to a more uniform plant stand.

See pages 8-11 for more information on ***AFS Soil Command*** *agronomic control technology.*

MAKING THE PERFECT SEEDBED

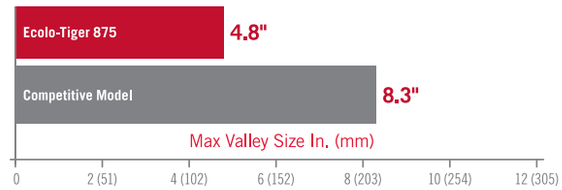
After years of extensive field research, Case IH found that a stand can be in jeopardy if soil clods are too big or if the holes they roll out of are left in the field. Clod and valley sizes should be 6 inches or less in prairie soils and 4.5 inches or less in forest soils when coming out the back of a tillage pass in the fall.

SOIL QUALITY FOR STAND AND PLANT PERFORMANCE

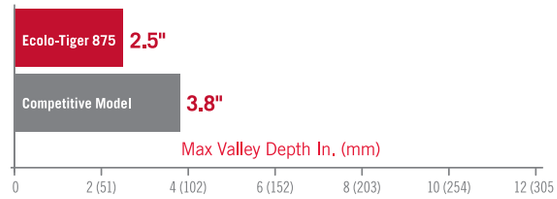
Maximizing yield potential starts at the time of primary tillage, one of the most critical elements is soil output. Case IH has discovered that growers can **dramatically reduce the risk of emergence problems** in the spring by reducing both clod and valley sizes out the back of a tillage pass in the fall.

Large clods leave holes, which are detrimental to seeds. The different heights in the soil surface result in variable moisture and temperature levels, with the holes staying wet and cold — one of the reasons for slow, uneven germination of seeds. The Ecolo-Tiger handles today's realities of high plant population, tough Bt corn residue and earlier planting dates, providing **aggressive residue sizing and mixing for more rapid nutrient cycling.**

MAXIMUM CLOD SIZE AFTER PRIMARY TILLAGE*



MAXIMUM VALLEY SIZE AFTER PRIMARY TILLAGE*



*2007 Case IH tillage agronomy research conducted in Central, IL.

HIGH-DENSITY TIGER POINTS

Redesigned Tiger Points run 1 inch under the compaction layer and deliver the proven **Case IH lift-twist-roll soil action.** This is accomplished with fewer drafts, creating smoother fields, better soil tilth for improved drainage and water-holding capacity, and extending the point life.

Three tip options are available:

- 2-inch welded chromium carbide capped tip
- 7-inch welded chromium carbide capped tip
- 7-inch replaceable tip

UNIQUE DOUBLE-EDGE TIGERPAW™ CRUMBLER®

Each bar on the Crumbler has two edges which provides industry-leading soil leveling output to **reduce clod size to 6 inches or less.** This results in less risk of emergence problems and the ability to **maintain adequate soil structure.** The optional Crumbler can also be positioned hydraulically from the cab. Three positions are available: Spring Downforce Applied, Float (moist/wet conditions) and Raised.

TWO DISK OPTIONS

Individual 24-inch Earth Metal® disk blades on 15-inch centers for 7.5-inch index spacing. This combination allows soil and residue cutting and flow in heavy, wet soils while protecting the blades in rocky conditions.

Disk gangs feature 26-inch Earth Metal blades that resist warping and are spaced 12 inches apart for **maximum mixing, cutting and residue sizing.**

EARTH METAL®


875
CASE IH
CASE IH
AFS
SOIL COMMAND

UNLOCK YOUR SEEDBED'S AGRONOMIC POTENTIAL WITH

AFS SOIL COMMAND

In any field condition, **AFS Soil Command** tillage technology adds **site-specific precision to soil management,** unlocking more of a field's agronomic potential. The industry-leading Ecolo-Tiger 875 Disk Ripper creates an ideal seedbed, and **AFS Soil Command** helps operators further maximize their environmental, **economic and agronomic performance with total implement control,** as-tilled mapping and the ability to create and execute tillage prescriptions.

COORDINATED CONTROL

AFS Soil Command agronomic control technology allows the **operator to precisely coordinate control of every component** of their Ecolo-Tiger 875 Disk Ripper to optimize all machine settings as field conditions change. With **AFS Soil Command**, when the shank depth is adjusted, all other functions of the machine — such as Crumbler pressure and stabilizer wheel position (constant-level only) — react to **remain optimized for peak agronomic performance.**

TILLAGE PRESCRIPTIONS

Prescription technology takes the same variable rate approach you use for seed and fertilizer rates with site-specific tillage to **create a high-efficiency seedbed.** Through **AFS Connect**, you can easily create and export tillage prescriptions sending wirelessly to connected tractor or export to a USB for traditional data sharing. For example, when completing your final spring tillage pass with the Ecolo-Tiger 875 Disk Ripper, **AFS Soil Command** tillage prescriptions give producers the ability to **adjust to properly incorporate fertilizer or chemicals, or run shallower to create a perfect seedbed for the planter.**

ADD SITE-SPECIFIC PRECISION TO SOIL MANAGEMENT

With AFS Soil Command tillage prescription technology, now you can tailor residue management, residue cover, and clod sizing according to each field's varying conditions and agronomic needs.

AFS® SOIL COMMAND

SITE-SPECIFIC TILLAGE

- **From conservation to conventional**, prescription technology takes the same variable rate approach you use for seed and fertilizer rates with site-specific tillage and zone management.
- **Vary your practices** based on changing soil types, field conditions and topography.
- **Address a range of soil management challenges** to make every inch of the field an optimal environment for plants, and minimize erosion and preserve moisture where needed.
- **Create a record** of your tillage passes to build a complete picture of your field work for future reference in AFS Connect.

SIMPLE OPERATION

- Developed by the farm manager or an agronomist with the AFS Connect prescription creation tool, predetermined prescription maps **indicate variable conditions as they occur**, prompting automatic machine adjustments.
- With agronomic control technology, coordinated adjustments **ensure the entire machine is set for peak performance** — no matter the operator.
- **Gather and visualize tillage data for better agronomic insights** into your operation with AFS Connect.

PRODUCTIVE & EFFICIENT

- Automatic **adjustments are made quickly and efficiently** as the operator travels across the field.
- **Cover more acres** by varying and increasing speed as conditions allow.
- **Minimize equipment wear and tear — and maximize fuel efficiency** — as the machine is adjusted in conditions that require little to no tillage treatment.

New hydraulic fore/aft positioning: maintain consistent agronomic output

Disk gang pressure: reduce pressure on frame

Disk gang depth: create agronomic residue cover

Shank depth: target the compaction layer

Crumbler pressure: achieve consistent clod sizing

Coordinated control: optimize all components

PRODUCTIVE PERFORMANCE, AGRONOMIC RESULTS

As the most aggressive disk ripper on the market, the Ecolo-Tiger 875 offers excellent residue flow thanks to impressive disk-cutting power and shank positioning. The high, 38-inch underframe and minimum 36-inch spacing between shank points maximizes material flow and minimizes plugging. Because of the shank fore/aft positioning on the 875 Ecolo-Tiger, the actual spacing between each shank is 36 inches, and in many cases, it's 48-inches, for maximum throughput and productivity.

STRONGER FRAME CONNECTIONS

Overlapping weld joints and gussets add additional support to stress point.

DOUBLE-EDGE TIGERPAW CRUMBLER

Size clods and put the finishing touches to the fall seedbed for an **ideal spring condition for high-efficiency planting.** Other options include:

- No harrow (Leveler only)
- 5-bar spike harrow
- HD Coil Tine harrow

HYDRAULIC DISK LEVELER

Opposing leveling disks mounted on a common mount fill in the shank paths for a smooth finish.

ACHIEVE IDEAL SOIL TILTH

Spring reset or shear bolt shank spaced at 24-in. (610 mm) **matches your field conditions.**

X-DISK FRAME EASILY HANDLES CROP RESIDUE

Aggressively size and mix residue for rapid nutrient cycling. Soil and residue are cut and mixed by the first rank, followed by the rear rank to **leave a uniform mixture of soil and residue.** Disks are set at a 15-degree angle, allowing for more soil turning and machine stability.

LONG LIFE, DURABLE TIGER POINTS

High-strength, high-wearing Tiger Points deliver the proven **Case IH lift-twist-roll soil action.** They deliver three times the point life and are up to five times more durable than previous designs.

MORE IMPACT RESISTANT

Full-coverage powder coat paint finish provides more resistance to impact, scratching and paint fading.

GET MORE DONE

7 mph operating speed **saves time and optimizes the power of your tractor.**

EARTH METAL DISK GANGS

Spools between the Earth Metal blades **add weight to increase cutting pressure** and clearance for residue flow to the gangs. The scraper assembly keeps the gang flowing free and **prevents plugging with mud and other accumulations.**

EASE OF TRANSPORT

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.

PRODUCTIVITY, CONNECTIVITY AND PROFITABILITY

Understanding every aspect of your operation is the key to improving your bottom line. With AFS Connect, **view your equipment data and agronomic layers in one place** to help you make informed decisions – both in the planning stages for the year and those critical in-season pivots. Plus, with the AFS Connect app, you can successfully **manage your operation anytime, anywhere.**

PLAN YOUR SEASON

Having every pass planned before the year starts can help when it's time to get to the field to begin the work.

- **Review previous years' data** to develop your approach for a new season.
- Develop tillage prescriptions for AFS Soil Command-equipped tools to **work every acre exactly how you want.**
- Send **field data, guidance lines and prescriptions** to connected equipment.

WORK SMARTER BY TRACKING EQUIPMENT

Knowing the status of all your equipment helps you **cover more acres in a day.**

- **Track equipment location** with minute-by-minute updates to plan your next move.
- Receive **push notifications when a tractor enters or exits a set geofence** for up-to-date status on job completion.
- View and compare machine information, such as operating speed and fuel usage, to learn how machines are being used in the field.
- **Access the AFS Pro 1200 display remotely** with Remote Display Viewing to coach operators through setup and operation.

KEEP MOVING IN SEASON

Using all the tools available to you keeps **your operation running at top speed.**

- **Create scouting reports** through the AFS Connect mobile app to keep an eye on certain areas all season long.
- With AFS Connect equipped-machines, **add AFS AccuSync to share machine data in field,** reducing skips and overlaps.
- **View and share reports** and other relevant information with your landlord, agronomic consultant or Case IH dealership.

THE AFS CONNECT APP

View and monitor your equipment and field information in one place, all on your mobile device or tablet.

Download on the App Store

GET IT ON Google Play

EQUIPMENT INFORMATION AT YOUR FINGERTIPS

When you have questions about Case IH equipment maintenance, there's no time to lose getting back in the field. **My.CaseIH.com is your destination for Case IH product support,** including free operators manual downloads, AFS training videos, how-to tutorials and maintenance tips to **help you through questions or situations** you encounter every day.

Create a free MyCaseIH account and use the same login credentials to access the features of AFS Connect and the AFS Connect app today!

WEIGHT	7-SHANK MACHINE	9-SHANK MACHINE	11-SHANK MACHINE	13-SHANK MACHINE
Approximate with Disk Gangs, S/R Shanks and Reels	14,470 lb. (6 560 kg)	20,000 lb. (9 070 kg)	25,220 lb. (11 440 kg)	28,200 lb. (12 790 kg)
TRANSPORT STYLE				
Main Frame (Overall Length with Crumbler)	33 ft. 4 in. (10.19 m)		33 ft. 9 in. (10.59 m)	
Working Width	14 ft. (4.27 m)	18 ft. (5.49 m)	22 ft. (6.71 m)	26 ft. (7.92 m)
Transport Width	16 ft. (4.88 m)	16 ft. 9 in. (5.10 m)		18 ft. (5.5 m)
Wheels	Single 425/65R×22.5 recapped truck tires; Optional Single VF 445-65R22.5 stubble resistant radial tires		Walking tandem 16.5L×16.1 FI, Load Range E, with tubes. Option walking tandem 440/55R18 stubble resistant radial tires	
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			
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			
EARTH METAL® DISK BLADES				
Individual Option	24 in. (610 mm) diameter individually mounted on 15 in. (381 mm) centers			
Trunion Gang Option	26 in. (660 mm) diameter concave gang mounted on 12 in. (305 mm) centers , 1.5 in. (38 mm), round spring steel			
SHANK MOUNT ASSEMBLY				
Shear Bolt Shank Protection	24 in. (610 mm) effective spacing, ideal for rock-free fields. (Optional reversible shank shin available)			
Auto-Reset Shank Protection	24 in. (610 mm) effective spacing, ideal for rocky conditions. (Optional reversible shank shin available)			
Auto-Reset	13 in. (330 mm) of trip clearance, hardened pins and composite bushings			
Auto-Reset and Shear Bolt	5/8 in. (16 mm) diameter grade 5 shear bolt			
GROUND-ENGAGING SHANKS AND POINTS				
Shanks	1-1/4×4 in. (32×102 mm), optional wear shin			
Shank Points	Chromium carbide capped Tiger Points			
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 Crumbler	Excels in well-drained soil conditions: TigerPaw™ Crumbler® 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			

SAFETY NEVER HURTS!™ Always read the Operators 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. CNH Industrial America LLC reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice. Availability of some models and equipment builds varies according to the country in which the equipment is used.

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