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 and agronomic advantages for a superior soil finish you expect from Case IH.
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.

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.
**MAKING THE PERFECT SEEDBED.**

In more than five years of extensive field research, Case IH found that up to 10 percent of a stand can be in jeopardy if soil clods are too big or if 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. And 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.**

<table>
<thead>
<tr>
<th></th>
<th>Ecolo-Tiger 875</th>
<th>Competitive Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Valley Size In. (mm)</td>
<td>4.3&quot;</td>
<td>6.7&quot;</td>
</tr>
</tbody>
</table>

**MAXIMUM VALLEY SIZE AFTER PRIMARY TILLAGE.**

<table>
<thead>
<tr>
<th></th>
<th>Ecolo-Tiger 875</th>
<th>Competitive Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Valley Depth In. (mm)</td>
<td>5.5&quot;</td>
<td>9.2&quot;</td>
</tr>
</tbody>
</table>
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 less draft, creating smoother fields, better soil tilth for improved drainage and water-holding capacity and extending 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 Down Force 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.
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.

GET MORE DONE.

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

STRONGER FRAME CONNECTIONS.

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

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.

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.

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.

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.
HERE’S ONE EXAMPLE OF HOW CASE IH CAN HELP BRING TOGETHER THESE ELEMENTS ON YOUR FARM:

Step 1 — Harvest: Even crop-residue distribution with your Axial-Flow® series combine

Step 2 — Fall Tillage: Break up large clods with your Ecolo-Tiger® series disk ripper

Step 3 — Spring Preparation: Create smooth, level seedbed with your Tiger-Mate 255 field cultivator

Step 4 — Plant: Accurately place seed with your 2000 series Early Riser® planter

Step 5 — Feed and Protect: Precisely apply with your Nutri-Placer applicators and Patriot® series sprayers

Small improvements can yield big dividends. Consider how a better fall tillage regimen might save a trip across the field come spring. Or how more efficient horsepower across even just a few hundred acres can cut fuel expenses.

High-Efficiency Farming encompasses every aspect of your operation. From managing inputs to maximizing outputs and from breaking through the status quo to shattering long-held assumptions, High-Efficiency Farming is about making the most of your season, soil and equipment.
### Weight

<table>
<thead>
<tr>
<th></th>
<th>7-Shank Machine</th>
<th>9-Shank Machine</th>
<th>11-Shank Machine</th>
<th>13-Shank Machine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approximate with Disk Gangs, S/R Shanks and Reels</td>
<td>14,470 lb. (6,560 kg)</td>
<td>20,000 lb. (9,070 kg)</td>
<td>25,220 lb. (11,440 kg)</td>
<td>28,200 lb. (12,790 kg)</td>
</tr>
</tbody>
</table>

### Transport Style

<table>
<thead>
<tr>
<th></th>
<th>7-Shank Machine</th>
<th>9-Shank Machine</th>
<th>11-Shank Machine</th>
<th>13-Shank Machine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Frame / Overall Length with Crumbler</td>
<td>33 ft. 4 in. (10.19 m)</td>
<td>33 ft. 9 in. (10.59 m)</td>
<td>33 ft. 9 in. (10.59 m)</td>
<td>33 ft. 9 in. (10.59 m)</td>
</tr>
<tr>
<td>Working Width</td>
<td>14 ft. (4.27 m)</td>
<td>18 ft. (5.49 m)</td>
<td>22 ft. (6.71 m)</td>
<td>26 ft. (7.92 m)</td>
</tr>
<tr>
<td>Transport Width</td>
<td>16 ft. (4.88 m)</td>
<td>16 ft. 9 in. (5.10 m)</td>
<td>18 ft. (5.5 m)</td>
<td>18 ft. (5.5 m)</td>
</tr>
</tbody>
</table>

### Tractor Requirements

<table>
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<tr>
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<th>11-Shank Machine</th>
<th>13-Shank Machine</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTO Horsepower per Foot</td>
<td>18 to 20 Hp (44 to 49 kW/m)</td>
<td>18 to 20 Hp (44 to 49 kW/m)</td>
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<td>18 to 20 Hp (44 to 49 kW/m)</td>
</tr>
<tr>
<td>PTO Horsepower per Shank</td>
<td>35 to 40 Hp (86 to 98 kW/m)</td>
<td>35 to 40 Hp (86 to 98 kW/m)</td>
<td>35 to 40 Hp (86 to 98 kW/m)</td>
<td>35 to 40 Hp (86 to 98 kW/m)</td>
</tr>
<tr>
<td>Operating Speed</td>
<td>5 to 7 mph (8 to 11 km/h) recommended</td>
<td>5 to 7 mph (8 to 11 km/h) recommended</td>
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</tr>
</tbody>
</table>

### 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