Tigercat offers a full range of saw and shear felling heads, specially designed to match the high production rates of Tigercat feller bunchers. The disc saw and shear product offering allows harvesting professionals to choose a carrier and attachment package that is very well matched to the requirements of the job.

**BENEFITS AND ADVANTAGES:**

**Tigercat bunching heads optimize the performance of the entire harvesting system in plantation applications**
- More trees per cycle, reducing feller buncher travel and swing
- Larger, tighter skidder bunches to optimize skidder productivity
- Versatile 5500 saw performs well in small diameter wood, while retaining excellent lateral control of large, top heavy trees

**Single post saws offer the best combination of big timber felling and control and small stem accumulating performance**
- Wrist is optimally positioned for excellent control of large trees
- 5400 has asymmetric design and deep offset accumulating pocket for large, tight, parallel bunches
- 5702 has super-wide throat for large diameter butts and steep slope felling conditions

**Various wrist options to further customize the felling head to the application**

**All disc saws and shears offer excellent durability, long life and high uptime**
- Hardened wear plates and replaceable liners in critical areas
- Durable, well-guarded, cushioned cylinders
- Strength-to-weight optimized frames
- Heavy duty spindle and bearings in saw drive system

**Optimal chip deflection for quick blade recovery**
- Long snouts and recessed saw blade
- Side discharge exhausts chips and deflects them downward
- Excellent access to major components, daily service points

**Bunching shears offer lower ownership costs**
- Lower maintenance and ideal in rocky or abrasive soil
- Improves the fuel efficiency of the feller buncher
- Highly effective in pulpwood and biomass applications

**Identical hardened shear blades**
- Blades can be switched and flipped to balance wear
- Adjustment allows for 20 mm (3/4 in) sharpening
### SPECIFICATIONS 5000

**DIMENSIONS**

- **HEIGHT** less skis: 2,460 mm (97 in)
- **WIDTH**: 1,650 mm (65 in)
- **DEPTH**: 1,575 mm (62 in)
- **FRONT OPENING**: 860 mm (34 in)
- **BETWEEN SKIS**: 965 mm (38 in)
- **BASE WEIGHT**: 2,155 kg (4,750 lb)

**CUTTING CAPACITY**

- **SINGLE CUT CAPACITY**: 510 mm (20 in)
- **ACCUMULATING AREA**: 0,52 m$^2$ (5.6 ft$^2$)
- **STEM CAPACITY**: (11) trees 15 cm (6 in) diameter

**HYDRAULIC CYLINDERS**

- **ACCUMULATING ARM**: 90 mm (3.5 in) bore
- **CLAMP ARM**: 90 mm (3.5 in) bore

**CUTTING BLADE**

- **DISC, Series 74**: 1,285 mm (50.5 in) diameter
- **KERF**: 57 mm (2.25 in)
- **TEETH**: (16) Rotatable
- **MOTOR**: 160 cc
- **BLADE SPEED**: 1,275 rpm

**WRIST OPTIONS**

- **30° WRIST**: 1-cylinder; 127 mm (5 in) bore
- **340° WRIST**: 3-motor drive

### SPECIFICATIONS 5300

**DIMENSIONS**

- **HEIGHT**: 2,625 mm (103 in)
- **WIDTH**: 1,765 mm (69 in)
- **DEPTH**: 1,655 mm (65 in)
- **FRONT OPENING**: 900 mm (36 in)
- **BETWEEN SKIS**: 1,070 mm (42 in)
- **BASE WEIGHT**: 2,650 kg (5,850 lb)

**CUTTING CAPACITY**

- **SINGLE CUT CAPACITY**: 545 mm (21.5 in)
- **ACCUMULATING AREA**: 0,62 m$^2$ (6.7 ft$^2$)
- **STEM CAPACITY**: (13) trees 15 cm (6 in) diameter

**HYDRAULIC CYLINDERS**

- **ACCUMULATING ARM**: 90 mm (3.5 in) bore
- **CLAMP ARM**: 90 mm (3.5 in) bore

**CUTTING BLADE**

- **DISC, Series 74**: 1,370 mm (54 in) diameter
- **KERF**: 57 mm (2.25 in)
- **TEETH**: (18) Rotatable
- **MOTOR**: 160 cc
- **BLADE SPEED**: 1,150 rpm

**WRIST OPTIONS**

- **30° WRIST**: 1-cylinder; 127 mm (5 in) bore
- **340° WRIST**: 3-motor drive

### SPECIFICATIONS 5500

**DIMENSIONS**

- **HEIGHT**: 2,590 mm (102 in)
- **WIDTH**: 1,800 mm (71 in)
- **DEPTH**: 1,750 mm (69 in)
- **FRONT OPENING**: 965 mm (38 in)
- **BETWEEN SKIS**: 1,070 mm (42 in)
- **BASE WEIGHT**: 2,560 kg (5,640 lb)

**CUTTING CAPACITY**

- **SINGLE CUT CAPACITY**: 585 mm (23 in)
- **ACCUMULATING AREA**: 0,42 m$^2$ (4.5 ft$^2$)
- **STEM CAPACITY**: (10) trees 15 cm (6 in) diameter

**HYDRAULIC CYLINDERS**

- **ACCUMULATING ARM**: 90 mm (3.5 in) bore
- **CLAMP ARM**: 90 mm (3.5 in) bore

**CUTTING BLADE**

- **DISC, Series 74**: 1,450 mm (57 in) diameter
- **KERF**: 57 mm (2.25 in)
- **TEETH**: (18) Rotatable
- **MOTOR**: 160 cc
- **BLADE SPEED**: 1,150 rpm

**WRIST OPTIONS**

- **30° WRIST**: 1-cylinder; 127 mm (5 in) bore
- **340° WRIST**: 3-motor drive

### SPECIFICATIONS 5600

**DIMENSIONS**

- **HEIGHT**: 2,690 mm (106 in)
- **WIDTH**: 1,800 mm (71 in)
- **DEPTH**: 1,750 mm (69 in)
- **FRONT OPENING**: 965 mm (38 in)
- **BETWEEN SKIS**: 1,090 mm (43 in)
- **BASE WEIGHT**: 2,630 kg (5,800 lb)

**CUTTING CAPACITY**

- **SINGLE CUT CAPACITY**: 585 mm (23 in)
- **ACCUMULATING AREA**: 0,68 m$^2$ (7.3 ft$^2$)
- **STEM CAPACITY**: (15) trees 15 cm (6 in) diameter

**HYDRAULIC CYLINDERS**

- **ACCUMULATING ARM**: 90 mm (3.5 in) bore
- **CLAMP ARM**: 90 mm (3.5 in) bore

**CUTTING BLADE**

- **DISC, Series 74**: 1,450 mm (57 in) diameter
- **KERF**: 57 mm (2.25 in)
- **TEETH**: (18) Rotatable
- **MOTOR**: 160 cc
- **BLADE SPEED**: 1,150 rpm

**WRIST OPTIONS**

- **30° WRIST**: 1-cylinder; 127 mm (5 in) bore
- **340° WRIST**: 3-motor drive

### SPECIFICATIONS 1800

**DIMENSIONS**

- **HEIGHT**: 2,490 mm (98 in)
- **WIDTH**: 1,420 mm (56 in)
- **DEPTH**: 1,730 mm (68 in)
- **BASE WEIGHT**: 2,430 kg (5,350 lb)

**SHEARING CAPACITY**

- **SINGLE CUT CAPACITY**: 460 mm (18 in) diameter, softwood
- **With optional fast-cycle cylinder**: 350 mm (14 in) diameter, softwood

**HYDRAULIC CYLINDERS**

- **ACCUMULATING/CLAMP ARMS**: (2) 90 mm (3.5 in) bore, cushioned
- **SHEAR**: 150 mm (6 in) bore

**WRIST OPTIONS, DT MODEL**

- **30° WRIST**: 1-cylinder; 127 mm (5 in) bore
- **340° WRIST**: 3-motor drive

**CUTTING BLADE**

- **SHEAR BLADES**: (2) Identical threaded, Hardened steel; Bolt-on

**HYDRAULIC REQUIREMENTS (minimum)**

- **ACCUMULATING/CLAMP ARMS**: 140 L/min @ 172 Bar (37 US gpm @ 2,500 psi)
- **SHEAR**: 235 L/min @ 241 Bar (62 US gpm @ 3,500 psi)

**WRIST OPTIONS**

- **30° WRIST**: 1-cylinder; 127 mm (5 in) bore
- **340° WRIST**: 3-motor drive

**CUTTING BLADE**

- **SHEAR BLADES**: (2) Identical threaded, Hardened steel; Bolt-on

**HYDRAULIC REQUIREMENTS (minimum)**

- **ACCUMULATING/CLAMP ARMS**: 140 L/min @ 172 Bar (37 US gpm @ 2,500 psi)
- **SHEAR**: 235 L/min @ 241 Bar (62 US gpm @ 3,500 psi)

**US Patents:**

- 5,697,412
- 5,794,674
- 5,931,210
- 6,152,201
- 6,196,106
- 6,363,980

**CDN Patents:**

- 2,143,155
- 2,209,063
- 2,310,877
## SPECIFICATIONS

### 5400

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th></th>
<th>5702</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEIGHT less skis</td>
<td>2,770 mm (105 in)</td>
<td>2,820 mm (111 in)</td>
</tr>
<tr>
<td>WIDTH</td>
<td>1,560 mm (62 in)</td>
<td>1,620 mm (64 in)</td>
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<tr>
<td>DEPTH</td>
<td>1,740 mm (69 in)</td>
<td>1,700 mm (67 in)</td>
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<tr>
<td>FRONT OPENING</td>
<td>1,070 mm (42 in)</td>
<td>1,320 mm (52 in)</td>
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<tr>
<td>BASE WEIGHT</td>
<td>2,385 kg (5,260 lb)</td>
<td>2,690 kg (5,930 lb)</td>
</tr>
<tr>
<td>CUTTING CAPACITY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SINGLE CUT CAPACITY</td>
<td>545 mm (21.5 in)</td>
<td>585 mm (23 in)</td>
</tr>
<tr>
<td>ACCUMULATING AREA</td>
<td>0.34 m² (3.7 ft²)</td>
<td>0.36 m² (3.9 ft²)</td>
</tr>
<tr>
<td>Including blade</td>
<td>0.46 m² (5 ft²)</td>
<td>0.5 m² (5.4 ft²)</td>
</tr>
<tr>
<td>ACCUMULATING CAPACITY</td>
<td>(8-10) trees 15 cm (6 in) diameter</td>
<td>(8-10) trees 15 cm (6 in) diameter</td>
</tr>
<tr>
<td>WRIST OPTIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30° WRIST</td>
<td>1-cylinder; 127 mm (5 in) bore</td>
<td>1-cylinder; 127 mm (5 in) bore</td>
</tr>
<tr>
<td>110° WRIST</td>
<td>2-cylinder adjustable; 115 mm (4.5 in) bore</td>
<td>2-cylinder adjustable; 115 mm (4.5 in) bore</td>
</tr>
<tr>
<td>340° WRIST</td>
<td>3-motor drive</td>
<td>3-motor drive</td>
</tr>
<tr>
<td>CUTTING BLADE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DISC, Series 74</td>
<td>1,370 mm (54 in) diameter; 1-piece</td>
<td>1,450 mm (57 in) diameter; 1-piece</td>
</tr>
<tr>
<td>KERF</td>
<td>57 mm (2.25 in)</td>
<td>57 mm (2.25 in)</td>
</tr>
<tr>
<td>TEETH</td>
<td>(18) Rotatable, Carbide or hardened steel</td>
<td>(18) Rotatable, Carbide or hardened steel</td>
</tr>
<tr>
<td>MOTOR</td>
<td>160 cc</td>
<td>160 cc</td>
</tr>
<tr>
<td>BLADE SPEED</td>
<td>1,150 rpm</td>
<td>1,150 rpm</td>
</tr>
<tr>
<td>SAW DRIVE</td>
<td>Direct drive; Piston motor</td>
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<tr>
<td>HYDRAULIC CYLINDERS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCUMULATING/CLAMP ARMS</td>
<td>(2) 90 mm (3.5 in) bore</td>
<td>(2) 90 mm (3.5 in) bore for DTT feller buncher installs</td>
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<tr>
<td>Optional</td>
<td>(2) 95 mm (3.75 in) bore</td>
<td>(2) 95 mm (3.75 in) bore for track feller buncher installs</td>
</tr>
</tbody>
</table>

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TIGERCAT RESERVES THE RIGHT TO AMEND THESE SPECIFICATIONS AT ANY TIME WITHOUT NOTICE

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![5000](image1.png) ![5300](image2.png) ![5500](image3.png) ![5600](image4.png) ![5400](image5.png) ![5702](image6.png) ![1800](image7.png) ![2000](image8.png)
Tigercat bunching saws and shears significantly improve feller buncher productivity and efficiency by increasing the number of trees per swing cycle and reducing travel. The heads are designed to accumulate trees in tight parallel alignment to optimize machine stability, operator visibility and to obtain the best skidder bunch piles.

**1800/2000**
Bunching shears are ideal for smaller diameter pine and hardwood pulpwood or biomass harvesting applications.

**5000/5300**
High capacity bunching heads best suited to small diameter plantation wood under 405 mm (16 in).

**5600**
Highest capacity bunching head ideal in larger diameter plantation wood.

**5500**
A dual post saw with excellent large timber performance. Versatile for contractors who work in a variety of timber sizes and species.

**5400**
For mixed diameter natural stands. Excellent bunching performance in small diameter timber.

**5702**
A big timber saw ideal for mixed natural stands and top heavy hardwood.