



TIGERCAT DISC SAW AND SHEAR FELLING HEADS FOR VIRTUALLY ANY FELLING APPLICATION

Tigercat offers a full range of saw and shear felling heads, specially designed to match the high production rates of Tigercat feller bunchers.

DISC SAWS

Hardened wear plates and replaceable liners in critical areas. Durable, well-guarded, cushioned cylinders. Heavy duty spindle and bearings in saw drive system. Strength to weight optimized frames.



BUNCHING SHEARS

Lower maintenance and ideal in rocky or abrasive soil. Improved fuel efficiency for the feller buncher. Highly effective in pulpwood and biomass applications.



TOUGH

Tigercat felling heads are built tough to match the strength and productivity of Tigercat carriers. All Tigercat shears and saws are made with high quality steel and heavy duty components. Whether it's bushings, bearings, blades or cylinders, every felling head is built with components designed to withstand the harshest punishment the forest has to offer. From small diameter pulpwood to high value hardwood, Tigercat felling heads get the job done.

RELIABLE

With strength comes reliability, and Tigercat felling heads are designed to last. With easy to replace saw teeth, shear blades, skis and wear liners, the Tigercat felling heads easily outlast the competition. Heavy duty saw drives keep the saw blades spinning for thousands of hours. Ease of maintenance is important, so all felling heads are designed with convenient lubrication points so you can protect your investment.

PRODUCTIVE

From small diameter pulpwood to high value hardwood, the productivity of Tigercat felling heads is unmatched in the industry. Bunching shears and saws provide deep pockets to accumulate more trees per cut cycle. Tigercat single post saws provide excellent control of large diameter and top heavy trees.



OPTIMAL CHIP DEFLECTION FOR QUICK BLADE RECOVERY

Side discharge exhausts chips and deflects them downward.



IDENTICAL HARDENED SHEAR BLADES

Can be switched and flipped to balance wear.



VARIOUS WRIST OPTIONS

Further customize the felling head to the application.



WRIST OPTIONS

30 DEGREE WRIST

- Rotation +/- 15 degrees
- Single cylinder 135 kNm (100,000 lbf-ft)

110 DEGREE WRIST

- Rotation adjustable up to 110 degrees total
- Twin-cylinder 112 kNm (83,333 lbf-ft)

340 DEGREE WRIST

- Rotation +/- 170 degrees
- Motor drive 68 kNm (50,000 lbf-ft)

Tigercat®

1800 BUNCHING SHEAR

Ideal for smaller diameter pine and hardwood pulpwood or biomass harvesting applications.



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)
SINGLE CUT CAPACITY	460 mm (18 in) diameter, softwood 380 mm (15 in) diameter, hardwood
▶ With optional fast-cycle cylinder	350 mm (14 in) diameter, softwood
ACCUMULATING AREA	0,55 m ² (5.9 ft ²)
ACCUMULATING CAPACITY	(14) trees 15 cm (6 in) diameter

HYDRAULIC CYLINDERS

ACCUMULATING/CLAMP ARMS	(2) 90 mm (3.5 in) bore, cushioned
SHEAR	150 mm (6 in) bore
▶ Optional quick cycle	115 mm (4.5 in) bore
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
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18 in (460 mm)



14 x 6 in (150 mm)



2000 BUNCHING SHEAR

Ideal for smaller diameter pine and hardwood pulpwood or biomass harvesting applications.



DIMENSIONS

HEIGHT	2 490 mm (98 in)
WIDTH	1 900 mm (75 in)
DEPTH	1 730 mm (68 in)
BASE WEIGHT	2 740 kg (6,040 lb)
SINGLE CUT CAPACITY	510 mm (20 in) diameter, softwood 405 mm (16 in) diameter, hardwood
▶ With optional fast-cycle cylinder	N/A
ACCUMULATING AREA	0,5 m ² (5.4 ft ²)
ACCUMULATING CAPACITY	(12) trees 15 cm (6 in) diameter

HYDRAULIC CYLINDERS

ACCUMULATING/CLAMP ARMS	(2) 90 mm (3.5 in) bore, cushioned
SHEAR	165 mm (6.5 in) bore
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
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20 in (510 mm)



12 x 6 in (150 mm)



5000 BUNCHING SAW

A high capacity bunching head best suited to small diameter plantation wood.

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)
SINGLE CUT CAPACITY	510 mm (20 in)
ACCUMULATING AREA	0,52 m ² (5.6 ft ²)
▶ Including blade	0,62 m ² (6.7 ft ²)
ACCUMULATING 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
30° WRIST	1-cylinder; 127 mm (5 in) bore
340° WRIST	3-motor drive
CUTTING BLADE	
DISC, Series 74	1 285 mm (50.5 in) diameter, 1-piece
KERF	57 mm (2.25 in)
TEETH	(16) rotatable; Carbide or hardened steel
MOTOR	160 cc
BLADE SPEED	1,275 rpm
SAW DRIVE	Direct drive; Piston motor



5300 BUNCHING SAW

Designed to work with large track feller bunchers for maximum accumulating capacity.

DIMENSIONS	
HEIGHT less skis	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)
SINGLE CUT CAPACITY	545 mm (21.5 in)
ACCUMULATING AREA	0,62 m ² (6.7 ft ²)
▶ Including blade	0,74 m ² (7.9 ft ²)
ACCUMULATING 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
30° WRIST	1-cylinder; 127 mm (5 in) bore
340° WRIST	3-motor drive
CUTTING BLADE	
DISC, Series 74	1 370 mm (54 in) diameter, 1-piece
KERF	57 mm (2.25 in)
TEETH	(18) rotatable; Carbide or hardened steel
MOTOR	160 cc
BLADE SPEED	1,150 rpm
SAW DRIVE	Direct drive; Piston motor



5500 BUNCHING SAW

Excellent large timber performance, yet versatile for a variety of timber sizes and species.



DIMENSIONS

HEIGHT less skis	2 820 mm (111 in)
WIDTH	1 620 mm (64 in)
DEPTH	1 700 mm (67 in)
FRONT OPENING	1 320 mm (52 in)
BASE WEIGHT	2 690 kg (5,930 lb)
SINGLE CUT CAPACITY	585 mm (23 in)
ACCUMULATING AREA	0,36 m ² (3.9 ft ²)
▶ Including blade	0,5 m ² (5.4 ft ²)
ACCUMULATING CAPACITY	(8-10) trees 15 cm (6 in) diameter

HYDRAULIC CYLINDERS

ACCUMULATING ARMS	90 mm (3.5 in) bore
CLAMP ARM	90 mm (3.5 in) bore
30° WRIST	1-cylinder; 127 mm (5 in) bore
110° WRIST	2-cylinder adjustable; 115 mm (4.5 in) bore
340° WRIST	3-motor drive

CUTTING BLADE

DISC, Series 74	1 450 mm (57 in) diameter; 1-piece
KERF	57 mm (2.25 in)
TEETH	(18) rotatable; Carbide or hardened steel
MOTOR	160 cc
BLADE SPEED	1,150 rpm
SAW DRIVE	Direct drive; Piston motor



23 in (585 mm)



10 x 6 in (150 mm)



5600 BUNCHING SAW

Highest capacity bunching head ideal in larger diameter plantation wood.



DIMENSIONS

HEIGHT less skis	2 690 mm (106 in)
WIDTH	1 800 mm (71 in)
DEPTH	1 750 mm (69 in)
FRONT OPENING	965 mm (38 in)
BASE WEIGHT	2 630 kg (5,800 lb)
SINGLE CUT CAPACITY	585 mm (23 in)
ACCUMULATING AREA	0,68 m ² (7.3 ft ²)
▶ Including blade	0,8 m ² (8.6 ft ²)
ACCUMULATING CAPACITY	(15) trees 15 cm (6 in) diameter

HYDRAULIC CYLINDERS

ACCUMULATING ARMS	90 mm (3.5 in) bore
CLAMP ARM	90 mm (3.5 in) bore
30° WRIST	1-cylinder; 127 mm (5 in) bore
110° WRIST	2-cylinder adjustable; 115 mm (4.5 in) bore
340° WRIST	3-motor drive

CUTTING BLADE

DISC, Series 74	1 450 mm (57 in) diameter; 1-piece
KERF	57 mm (2.25 in)
TEETH	(18) rotatable; Carbide or hardened steel
MOTOR	160 cc
BLADE SPEED	1,150 rpm
SAW DRIVE	Direct drive; Piston motor



23 in (585 mm)



15 x 6 in (150 mm)



5400 FELLING SAW

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

DIMENSIONS	
HEIGHT less skis	2 820 mm (111 in)
WIDTH	1 620 mm (64 in)
DEPTH	1 700 mm (67 in)
FRONT OPENING	1 320 mm (52 in)
BASE WEIGHT	2 690 kg (5,930 lb)
SINGLE CUT CAPACITY	585 mm (23 in)
ACCUMULATING AREA	0,36 m ² (3.9 ft ²)
▶ Including blade	0,5 m ² (5.4 ft ²)
ACCUMULATING CAPACITY	(8-10) trees 15 cm (6 in) diameter
HYDRAULIC CYLINDERS	
ACCUMULATING ARMS	90 mm (3.5 in) bore
CLAMP ARM	90 mm (3.5 in) bore
30° WRIST	1-cylinder; 127 mm (5 in) bore
110° WRIST	2-cylinder adjustable; 115 mm (4.5 in) bore
340° WRIST	3-motor drive
CUTTING BLADE	
DISC, Series 74	1 450 mm (57 in) diameter; 1-piece
KERF	57 mm (2.25 in)
TEETH	(18) rotatable; Carbide or hardened steel
MOTOR	160 cc
BLADE SPEED	1,150 rpm
SAW DRIVE	Direct drive; Piston motor



21.5 in (545 mm)



10 x 6 in (150 mm)



5702 FELLING SAW

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

DIMENSIONS	
HEIGHT less skis	2 820 mm (111 in)
WIDTH	1 620 mm (64 in)
DEPTH	1 700 mm (67 in)
FRONT OPENING	1 320 mm (52 in)
BASE WEIGHT	2 690 kg (5,930 lb)
SINGLE CUT CAPACITY	585 mm (23 in)
ACCUMULATING AREA	0,36 m ² (3.9 ft ²)
▶ Including blade	0,5 m ² (5.4 ft ²)
ACCUMULATING CAPACITY	(8-10) trees 15 cm (6 in) diameter
HYDRAULIC CYLINDERS	
ACCUMULATING ARM	(2) 90 mm (3.5 in) bore for DTT feller buncher installs
CLAMP ARM	(2) 95 mm (3.75 in) bore for track feller buncher installs
30° WRIST	1-cylinder; 127 mm (5 in) bore
110° WRIST	2-cylinder adjustable; 115 mm (4.5 in) bore
340° WRIST	3-motor drive
CUTTING BLADE	
DISC, Series 74	1 450 mm (57 in) diameter; 1-piece
KERF	57 mm (2.25 in)
TEETH	(18) rotatable; Carbide or hardened steel
MOTOR	160 cc
BLADE SPEED	1,150 rpm
SAW DRIVE	Direct drive; Piston motor



23 in (585 mm)



10 x 6 in (150 mm)



A larger saw blade and housing option on 5702 to increase single-cut capacity.



DIMENSIONS

HEIGHT less skis	2 910 mm (114.5 in)
WIDTH	1 840 mm (72.5 in)
DEPTH	1 940 mm (76.5 in)
FRONT OPENING	1 380 mm (54.5 in)
BASE WEIGHT	2 950 kg (6,500 lb)
SINGLE CUT CAPACITY	660 mm (26 in)
ACCUMULATING AREA	0,43 m ² (4.6 ft ²)
▶ Including blade	0,6 m ² (6.4 ft ²)
ACCUMULATING CAPACITY	(8-11) trees 15 cm (6 in) diameter

HYDRAULIC CYLINDERS

ACCUMULATING ARMS	90 mm (3.5 in) bore
CLAMP ARM	90 mm (3.5 in) bore
30° WRIST	N/A
110° WRIST	N/A
340° WRIST	High torque only

CUTTING BLADE

DISC, Series 74	1 625 mm (64 in) diameter; 1-piece
KERF	64 mm (2.5 in)
TEETH	(20) Rotatable; Carbide or hardened steel
MOTOR	170 cc
BLADE SPEED	1,025 rpm
SAW DRIVE	Direct drive; Piston motor



26 in (585 mm)



11 x 6 in (150 mm)



HEADS FOR EVERY APPLICATION

Tigercat bunching heads optimize the performance of the entire harvesting system in plantation applications.

Single post saws offer the best combination of big timber felling and control and small stem accumulating performance for large and mixed diameter timber.

Tigercat's optional 340 degree wrist comes in standard and high torque versions. The 340 wrist reduces machine travel and allows the operator to build buncher piles more quickly and effectively.

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