



HEAVY DUTY HARVESTING HEADS FOR HIGH PERFORMANCE TIGERCAT CARRIERS.

With independent knife arms, the 570 and 575 harvesting heads excel in tough timber with large limbs and poor stem form. Both heads offer a timed knife option for easier picking in roadside applications.

THE 570

is a durable, high performance two-wheel drive, three knife arm harvesting head. It is best matched with Tigercat's H845 series carriers for stems in the diameter range of 150-510 mm (6-20 in).



THE 575

is an extreme duty three-wheel drive, three knife arm harvesting head best matched with Tigercat's H855 series carriers for stems in the diameter range of 175-560 (7-22 in). It handles crooked stems well and powers through large limbs.





THE STRONGEST CHOICE

for in-stand felling and processing. Ideal in mixed species natural stands.



EXCELLENT CUTTING PERFORMANCE.

Hultdins saw unit with auto-tension and saw position sensor.

BENEFITS AND ADVANTAGES:

- Larger diameter hoses and larger capacity valves than similar class heads to match the greater hydraulic flow and power of Tigercat harvester carriers
- Robust design, high quality components for high duty cycles and long life
- Precise diameter and length measuring
- Efficient hydraulics for high performance, efficiency and improved carrier component life



INDEPENDENT KNIFE ARMS AND
WHEEL ARMS FOR IMPROVED STEM CONTACT.

This results in superior feeding, delimbing, measuring and debarking, especially in sub-optimal stem form conditions.

D5

THE D5 ADVANTAGE

- Simplified, intuitive user interface
- Customizable settings for multiple operators
- Large, colour touchscreen display
- 6 species, 30 presets per species
- Multiple production reports



Quickest feed speed in two-wheel drive for high productivity.



More feed force in three-wheel drive for large limbs and big wood.

THREE-TWO DRIVE: SPEED AND POWER

With Tigercat's patented three-two drive system, you no longer have to sacrifice top speed to get powerful feeding.

The 575 starts in 3WD, maximizing feed force for faster acceleration and to quickly power through bigger trees. As the load drops, it automatically shifts to 2WD, improving efficiency and increasing feed speed up to 30%. The system shifts back and forth seamlessly with no operator input required. Full manual independent drive control is also available.

575

THREE ↔ TWO

Tigercat®

570

575

DIMENSIONS		
HEIGHT less rotator/link	1 870 mm (74 in)	2 180 mm (86 in)
WIDTH maximum	1 930 mm (76 in)	1 990 mm (78 in)
WIDTH minimum	1 550 mm (61 in)	1 625 mm (64 in)
BASE WEIGHT less rotator and link	2 230 kg (4,915 lb)	2 460 kg (5,295 lb)
OPERATING WEIGHT	2 450 kg (5,400 lb)	2 812 kg (6,200 lb)
HYDRAULIC SYSTEM		
OPERATING PRESSURE recommended	310 bar (4,500 psi)	310 bar (4,500 psi)
REQUIRED FLOW maximum	370 L/min (98 US gpm)	370 L/min (98 US gpm)
REQUIRED FLOW minimum	325 L/min (85 US gpm)	325 L/min (85 US gpm)
CUTTING		
CHAIN OIL CAPACITY	15 L (4 US gal)	20 L (5.3 US gal)
MAIN SAW UNIT standard	Hultdins Supercut™ 100 with auto-tension, proportional lubrication, saw limiting	Hultdins Supercut™ 300 with auto-tension, proportional lubrication, saw limiting
▶ CHAIN	10 mm (0.404 in) pitch	19 mm (0.75 in) pitch
▶ BAR standard	825 mm (32.5 in)	910 mm (36 in)
▶▶ Maximum cut	700 mm (27.5 in)	730 mm (29 in)
▶ BAR optional	750 mm (29.5 in)	1 010 mm (40 in)
▶▶ Maximum cut	590 mm (23.3 in)	830 mm (32.5 in)
TOP SAW optional	N/A	Hultdins Supercut™ 100 with auto-tension, proportional lubrication
▶ BAR	N/A	550 mm (21.5 in)
▶ CHAIN	N/A	10 mm (0.404 in) pitch
FEEDING		
DRIVE SYSTEM	Independent, canted drive arms, 2WD	Independent, canted drive arms, auto 3WD/2WD
DRIVE MOTORS	(2) 800 cc	(2) 900 cc
▶ Optional	(2) 900 cc	(2) 1000 cc
FRAME DRIVE MOTOR	N/A	400 cc
FEED WHEELS	20 mm (0.8 in) thumbnail	13 mm (0.5 in) thumbnail
▶ Optional	24 mm (0.95 in) thumbnail; Eucalyptus debarking 20 mm (0.8 in) alpine	24 mm (0.95 in) thumbnail; Eucalyptus debarking
FEED SPEED standard motors	0 - 6,5 m/s (0 - 21.3 ft/s)	0 - 5,8 m/s (0 - 19.0 ft/s)
With optional motors	0 - 5,8 m/s (0 - 19.0 ft/s)	0 - 5,5 m/s (0 - 18 ft/s)
DELIMBING AND DEBARKING		
KNIVES	(3) Delimbing, (2) Fixed; Replaceable blades	(3) Delimbing, (2) Fixed; Replaceable blades
FRONT KNIVES maximum opening	685 mm (27 in)	710 mm (28 in)
FRONT KNIVES minimum opening	45 mm (1.8 in)	45 mm (1.8 in)
MEASURING AND CONTROL SYSTEM		
STANDARD	Tigercat D5 Prio	Tigercat D5 Prio
OPTIONAL	Tigercat D5 Prio PC; Tigercat D5 Optimization	Tigercat D5 Prio PC; Tigercat D5 Optimization
RECOMMENDED CARRIERS		
	Tigercat H845D carriers 20-25 tonne forestry excavator	Tigercat H855D carriers 20-25 tonne forestry excavator
OPTIONAL EQUIPMENT		
	Front knife timing, hydraulic; Harvester front knives Find-end sensor; Computer printer Keyboard, Electronic caliper* Straight stick control handles; Colour marking Floating front knife; Dual-track measuring wheel Start-up parts and tool kit	Processing knives with mechanical timing link Front knife timing, hydraulic Find-end sensor; Computer printer; Keyboard, Electronic caliper* Straight stick control handles; Colour marking Start-up parts and tool kit

*REQUIRES TIGERCAT D5 PRIO PC OR D5 OPTIMIZATION

US Patent: 7,874,237 CA Patent: 2,550,127 AU Patent: 2006202502

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