



The TH575 is a heavy duty harvesting head specifically designed to match the high performance capabilities of Tigercat carriers. The TH575 is productive and reliable in a variety of demanding applications and tree profiles, including in-stand harvesting, roadside processing, multi-stem pulpwood and eucalyptus debarking.

## BENEFITS AND ADVANTAGES:

### **Robust design and construction, high quality components for high duty cycles and long life**

- Heavy duty steel structure
- Taper lock pins, alloy bushings and cushioned cylinders
- Clean hose routings

### **Patented three-two drive system**

- Canted three-wheel drive for superior stem contact and less fibre damage in crooked or heavily limbed trees
- Independent drive control automatically shifts from 3WD to 2WD, optimizing feed speed and power as required by the application and stem profile

### **Three knife arms with double-edged replaceable blades and two chassis mounted knives provide excellent delimiting quality**

### **Optional timed processing knives for easier picking in roadside applications**

### **Precise diameter and length measuring**

- Large diameter measuring wheel with low friction bearings
- Quick reacting trailing arm design
- Dual diameter measuring

### **Efficient hydraulics for high performance, fuel savings and improved carrier component life**

- High flow plumbing and valves reduce pressure drop
- Full proportional pump control with load sense feedback; the carrier provides only the required pressure and flow

### **Tigercat D5 control system**

- Intuitive operator interface and integrated trouble-shooting







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



*Maximum feed force in three-wheel drive for large limbs, 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 TH575 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.



*Excellent multi-stemming for enhanced productivity in small diameter timber.*



*Fast cutting performance.*

### **A flexible attachment with options to suit a variety of applications.**



*Optional top saw.*



*Optional debarking rollers.*



## High Flow Capacity Hydraulics

The TH575 is specially designed for Tigercat harvesters.

To get the most performance, the TH575 has larger diameter hoses and larger capacity valves than similar sized heads.

Tigercat harvesters have greater hydraulic flow and power than excavator based carriers and competing purpose built harvesters.

If the TH575 is mounted to a non-Tigercat carrier, this extra capacity offers greater component life and lower restriction for improved performance.





# SPECIFICATIONS

## DIMENSIONS

HEIGHT less rotator/link .....	2 110 mm (83 in)
WIDTH maximum .....	1 990 mm (78 in)
WIDTH minimum .....	1 570 mm (62 in)
BASE WEIGHT less rotator and link .....	2 460 kg (5,295 lb)
OPERATING WEIGHT .....	2 812 kg (6,200 lb)

## HYDRAULIC SYSTEM

(3) hydraulic lines to head + (2) rotator + (1) electrical	
OPERATING PRESSURE recommended .....	310 bar (4,500 psi)
REQUIRED FLOW maximum .....	370 L/min (98 US gpm)
REQUIRED FLOW minimum .....	325 L/min (85 US gpm)

## CUTTING

MAIN SAW standard .....	Hultdins Supercut™ 100 with auto-tension, proportional lubrication, saw limiting
BAR .....	825 mm (32.5 in)
	700 mm (27.5 in) maximum cut
Optional .....	900 mm (35.5 in)
	800 mm (31.5 in) maximum cut
CHAIN .....	10 mm (0.404 in) pitch
MAIN SAW optional .....	Hultdins Supercut™ 300 with auto-tension, proportional lubrication, saw limiting
BAR .....	910 mm (36 in)
	730 mm (29 in) maximum cut
Optional .....	1 010 mm (40 in)
	830 mm (32.5 in) maximum cut
CHAIN .....	19 mm (0.75 in) pitch
TOP SAW optional .....	Hultdins Supercut™ 100 with auto-tension, proportional lubrication
BAR .....	550 mm (21.5 in)
	430 mm (17 in) maximum cut
CHAIN .....	10 mm (0.404 in) pitch

## FEEDING AND DELIMBING

DRIVE SYSTEM .....	Independent, canted drive arms, auto 3WD/2WD
FEED WHEELS .....	13 mm, thumbnail
Optional .....	24 mm, thumbnail Eucalyptus debarking
FEED SPEED	
Standard motors .....	0-6 m/s (19.7 ft/s)
Large displacement motors .....	0-5,5 m/s (18 ft/s)
Small displacement motors .....	0-6,5 m/s (21.3 ft/s)
KNIVES .....	(3) Delimiting arms, (2) fixed Replaceable blades

## MAXIMUM OPENING

FRONT KNIVES .....	700 mm (27.5 in)
BACK KNIFE .....	800 mm (31.5 in)
DELIMITING/FEED CAPACITY .....	55-570 mm (2.5-22.5 in)

## MEASURING AND CONTROL SYSTEM

Tigercat D5 Prio
Tigercat D5 Prio PC (option)
Tigercat D5 Optimization (option)

## RECOMMENDED CARRIER

Tigercat H855C, H250B, LH830C
20-25 tonne forestry excavator

## OPTIONAL EQUIPMENT

Processing knives with timing link and single diameter encoder
Single or dual find-end sensor
Straight stick control handles
Computer printer, keyboard, electronic caliper*
Rotator to boom links, carrier installation kit
Start-up parts and tool kit

\*REQUIRES TIGERCAT D5 PRIO PC OR D5 OPTIMIZATION

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## TIGERCAT TH575 HARVESTING HEAD



US Patent: 7,874,237  
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AU Patent: 2006202502

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