

Tigercat®

TH575 HARVESTING HEAD



The TH575 harvesting head is specifically designed to match the high performance capabilities of Tigercat track carriers in harvesting, processing and debarking applications.

BENEFITS AND ADVANTAGES:

- Robust, heavy duty steel structure for high duty cycles
- Isolation mounted valve assemblies and clean hose routings for maximum uptime
- Unique three-wheel drive system for faster feed speed and superior feeding power
- Large diameter measuring wheel for improved accuracy
- Motomit IT computer system
 - Programmable for up to eight species
 - 100 preset selections per species
- Fast cutting performance
 - Optional top saw



Fast cutting performance



High productivity in debarking applications



Heavy duty steel construction

SPECIFICATIONS

DIMENSIONS

HEIGHT less rotator/link.....	1 950 mm (77 in)
WIDTH maximum	1 990 mm (78 in)
WIDTH minimum	1 570 mm (62 in)
WEIGHT less rotator and link.....	2 315 kg (5,090 lb)

HYDRAULIC SYSTEM (3) hydraulic lines to head

OPERATING PRESSURE maximum.....	310 Bar (4,500 psi)
REQUIRED FLOW minimum.....	325 L/min (85 US gpm)
REQUIRED FLOW maximum.....	375 L/min (99 US gpm)

MEASURING AND CONTROL SYSTEM

CONTROL SYSTEM	Motomit IT-C, Tigercat version Proportional clamping and feed control; Multiple species and pre-set selections Bucking to length and diameter
LENGTH MEASURING	Hydraulically actuated measuring wheel Optical encoder
DIAMETER MEASURING	Single or dual with optical encoder

DELIMBING

FEED ROLLERS	Hydrostatically driven, thumbnail
MAXIMUM OPENING.....	725 mm (28.5 in)
FEED FORCE.....	38,6 kN (8,670 lbf)
FEED SPEED	0-6 m/s (0-19.7 fps)
KNIVES.....	(3) delimiting knives (2) fixed knives
MAXIMUM OPENING	
FRONT KNIVES.....	700 mm (27.5 in)
BACK KNIFE	800 mm (31.5 in)
DELIMBING/FEEDING CAPACITY	55-570 mm (2.3-23.5 in)

CUTTING

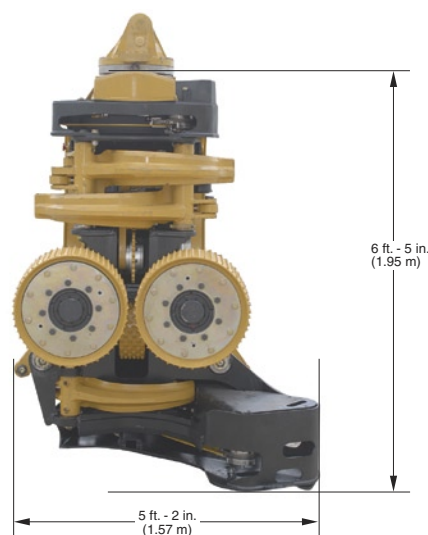
BAR SAW	Hydrostatic powered, automatic chain tensioning Integrated proportional chain lubrication
MAXIMUM CUT	700 mm (27.5 in) With optional bar
TOP SAW optional.....	800 mm (31.5 in)
CHAIN PITCH.....	430 mm (17 in) 10 mm (0.404 in)

OPTIONAL EQUIPMENT

Main saw, 19 mm (0.75 in) pitch
Top saw, 10 mm (0.404 in) pitch
Large displacement feed motors
Independent upper knives with dual cylinders
Feed rollers - rubber, aggressive thumbnail, debarking
Measuring wheels - narrow, wide, debarking
Accumulating arm
Computer systems with optimization - Motomit IT-J, Motomit PC, DASA 4
Computer printer
Rotators and links
Floating top knife
Find end sensor
Colour marking
Stump treatment

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

TIGERCAT TH575 HARVESTING HEAD



40 Consolidated Dr.
P.O. Box 544
Paris, Ontario
Canada, N3L 3T6
(7017) 2 0808•Tig

E-mail: comments@tigercat.com
Internet: www.tigercat.com
Tel: (519) 442-1000
Fax: (519) 442-1855

Tigercat[®]