

# Tigercat<sup>®</sup>

## M760 Mulcher



***The M760 is designed for land clearing, right of way and land improvements applications. The M760 is a powerful, durable and reliable carrier designed for tough duty cycles.***

### **BENEFITS AND ADVANTAGES:**

- **CAT C-13 415 hp Tier III engine**
- **Unique hydraulic system directs full power to the mulching attachment as required**
- **Travel speed control lever**
  - For improved control and reduced operator fatigue
- **High capacity cross-flow cooling system**
  - Hydraulically driven reversible fan
  - Automatic fan speed control for optimal fuel efficiency
- **Excellent service access**
  - Easy access to pumps and filters through the rear door
- **Extreme duty carrier**
  - Heavy duty front chassis and boom system
  - Durable Tigercat center section with tapered roller bearings, large pins and thick steel plate
- **Quiet, climate controlled operator's station**
  - Insulated and isolation mounted
  - High output heater/air conditioner
  - Extreme duty suspension seat; ergonomic with armrest mounted joysticks
- **Choice of horizontal drum type mulching attachments**
  - For horizontal drum cutters requiring up to 400 hp



*High lift boom for mulching large, standing trees.*



*Spacious, comfortable cab. Joystick steer or optional quick wheel steering.*



*The automatic variable speed fan improves fuel efficiency.*

# SPECIFICATIONS

## DIMENSIONS (with 30.5L x 32 tires)

LENGTH approx. with attachment .....	315 in. (8,000 mm)
WIDTH .....	115 in. (2,920 mm)
HEIGHT .....	146 in. (3,710 mm)
Less removable skylight, lights .....	135 in. (3,430 mm)
WHEEL BASE .....	126 in. (3,200 mm)
GROUND CLEARANCE .....	27 in. (685 mm)
FRAME ARTICULATION .....	+/- 45°
WEIGHT less felling head .....	35,000 lbs (15,880 kg)

## POWER

ENGINE .....	CAT C-13 415 hp, Tier III
	Pre-cleaner and 2-stage engine air cleaner
COOLING .....	Side-by-side aluminum radiator, oil cooler
	and charge air cooler
	Cross-flow; Automatic fan speed control
	Reverse direction cleaning
FUEL TANK (usable) .....	210 US gal. (795 L)

## POWER TRAIN

HYDROSTATIC .....	Variable displacement piston pump
	(2) Variable displacement piston motors
TRANSFER CASE .....	1-speed mechanical
AXLES .....	Front fixed, 1400 series
	Rear oscillating +/- 15°, 1200 series
	Independent differential locks, front and rear

## HYDRAULIC SYSTEM

BOOM/STEER PUMP .....	Double vane
ATTACHMENT PUMP .....	Dedicated variable displacement piston
COOLING FAN PUMP .....	Dedicated variable displacement piston
RESERVOIR .....	90 US gal. (340 L)
FILTRATION .....	10 micron absolute, full flow; Spin-on
BOOM CYLINDERS .....	(4) 4.5 in. (115 mm) bore
STEER CYLINDERS .....	(2) 3.5 in. (90 mm) bore

## BRAKES

DYNAMIC BRAKING .....	Hydrostatic
SECONDARY BRAKES .....	Enclosed, oil cooled
PARK BRAKE .....	Manual, driveline disc

## TIRES

STANDARD .....	30.5L x 32
OPTIONAL .....	24.5 x 32 duals, 66 x 43 - 25
	73 x 44 - 32; 76 x 50 - B32

## OPERATOR'S STATION

CAB .....	Fully enclosed, insulated and isolation mounted
	(2) doors and removable skylight
	Air conditioner heater and pressurizer
	Polycarbonate front and rear glazing
	Forward sloping windshield
	Sliding tempered glass side windows
	Side door screens, hinged
	AM/FM Stereo CD player with clock
SEAT .....	Heavy duty suspension, fully adjustable
	Armrest mounted joysticks
CONTROLS .....	Hydraulic pilot for boom, travel
	and joystick steering

## OTHER STANDARD EQUIPMENT

Pressurized water system
Back-up alarm
Hydraulic reservoir hand fill pump
Fire extinguisher

## ELECTRICAL

BATTERY .....	(2) 12 v
ALTERNATOR .....	145 amp, 12 v
SYSTEM VOLTAGE .....	12 v

## OPTIONAL EQUIPMENT

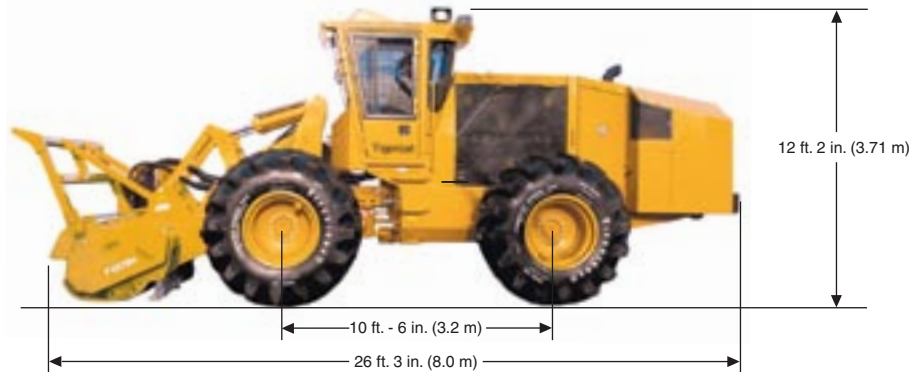
15.7 CFM air compressor with 20 US gal. (76 L) tank
Variable rate quick wheel steering
Halogen work lights; CB radio; Windshield wiper/washer

## MULCHING HEAD

Flexible hydraulic system; Choice of horizontal drum type mulching attachments requiring up to 400 hp
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WE RESERVE THE RIGHT TO AMEND THESE SPECIFICATIONS AT ANY TIME WITHOUT NOTICE

# TIGERCAT M760 MULCHER



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