

750

WOODSMAN PRO[®]

CONTINUOUS ROTATION TREE HARVESTER

WOODSMAN PRO 750

Still maintaining our proven design and reliability, this is our smaller, lighter tree harvesting head. It can withstand the toughest New Zealand forest harvesting conditions with superior log processing capability.

The Woodsman Pro 750 weighs 3.9 tonnes and can be attached to a 25-35 tonne base machine. It's capable of delimbing stems up to 700 mm in diameter and has a maximum main saw cut of 850 mm in diameter.

This processing head features two sets of delimb arms (upper and lower) which are individually controlled for superior delimb knife coverage and improved stem value recovery. Replaceable delimb knife inserts are available for the delimb arms and the top-mounted floating delimb knife.

The Woodsman Pro 750 is paired with our LOGGIC control system for superior performance and ease of operator use.

DESIGNED AND
MANUFACTURED BY



PRECISION
CONTROL BY

LOGGIC[®]



WOODSMAN PRO[®]
750 DESIGNED AND MANUFACTURED BY ENSIGN

WOODSMANPRO.CO.NZ



FEATURES

- Continuous 360° rotation for manoeuvrability.
- Well concealed yet readily accessible hosing from machine arm to the control valve mounted in the head so downtime due to damaged hydraulic lines is kept to a minimum.
- On-board fault diagnosis for head and base machine.
- Strong unyielding chassis with minimal wear to all pin connections after thousands of hours of harsh operation.
- Fabricated steel control valve bonnets providing easy access to main control valve and critical maintenance areas.
- Feed wheels feature reversible mounting to enable more even wear and prolong service life.
- Large range of service exchange parts available to minimise down-time.
- Heavy duty delimb arms - two sets (upper and lower) are individually controlled.
- Maximum delimb knife opening is 774 mm.
- Top floating delimb knife and keepers feature replaceable wear pads to help avoid expensive rebuilds.
- Replaceable delimb knife inserts using a patented single bolt-in knife tensioning system.
NZ provisional patent application no. 742153.
- Replaceable bolt-in belly wear plates.
- Knuckle design allows for large swing arc and excellent grease point access.

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DIMENSIONS

Weight: 3964 kg (8739 lb) (incl. knuckle)

Max height: 3545 mm (135.6 in)

Max width: 2170 mm (85.4 in)

Max harvest tilt: 146 deg

DELIMB

Max delimb knife opening: 774 mm (30.5 in)

Max delimb capability: Ø700 mm (Ø27.6 in)

Max full coverage delimbing diameter: 618 mm (24.3 in)

Knife edges: Replaceable - hardened, wear resistant steel.

DRIVE

Feed force @ 350 bar: 40 kN (8919 lbf)

Feed speed @ 400l/m: 4.7 m/s (15.5 ft/s)

MAIN SAW

Max saw cut: Ø850 mm (Ø33.5 in)

Bar length: 36, 38, 40 in

Chain pitch: 0.75 in

TOP SAW

Max saw cut: Ø590 mm (Ø23.2 in)

Bar length: 28 in

Chain pitch: 0.75 in (0.404 in optional)



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