

CFH1400

WOODSMAN PRO[®]

CONTINUOUS ROTATION CONTROLLED FELLING HEAD

WOODSMAN PRO CFH1400

Introducing the one-head solution for controlled felling, shovelling, bunching and sorting.

With 360 degree continuous rotation, the controlled felling head weighs 3.2 tonnes and can be installed on a 25+ tonne purpose-built or forestry guarded excavator.

With a large capacity 60cc saw motor the CFH1400 will cut stems up to 940 mm in a single cut and stems up to 1400 mm with multiple cuts. The saw bar has a 243 degree cutting window, allowing front cuts without needing to reposition the base.

Includes a diameter sensor and a saw bar sensor for real-time display of the saw position.

Supplied pre-installed with the **LOGGIC Felling Head** control system with PDF maps and GPS positioning.



DESIGNED AND
MANUFACTURED BY



PRECISION
CONTROL BY



WOODSMAN PRO[®]

CFH1400 DESIGNED / MANUFACTURED BY ENSIGN

WOODSMANPRO.CO.NZ



FEATURES

- 360° continuous rotation
- Large capacity 60 cc saw motor
- 243 degree saw bar rotation
- Saw bar position sensor for real-time display of saw position
- Diameter sensor for recording diameter at breast height (DBH)
- All hydraulic and electrical connections are fed through a central rotating joint
- Rotate Float function disengages motors for free head rotation when shovelling
- Installed with the Loggic Felling Head control system, with PDF maps and GPS positioning and StanForD compliant reporting

DIMENSIONS

Weight: 3200 kg (7055 lb)

Height: 2200 mm (86.6 in)

Max opening: 1389 mm (54.7 in)

Min clamping: Ø170 mm

HEAD ROTATION

Rotation: 360° continuous 62 kN

SAW

Saw chain pitch: 3/4"

Max saw cut: Ø940 mm (43 in bar)

Saw rotation: 243°

SENSORS

Saw-bar positioning/angle

Saw-bar home position

Stem diameter measuring (DBH)

BASE MACHINE REQUIREMENTS

Min flow: 250 L/min

Preferred flow: 300 L/min

Max pressure: 350 bar

FOR SALES ENQUIRIES CONTACT
ADAM ALDORTH
P: + 64 27 370 8468
E: ADAM@ENSIGN.CO.NZ

WOODSMANPRO.CO.NZ

DESIGNED AND
MANUFACTURED BY



ENGINEERING SERVICES ROTORUA LTD

73 Biak St, Waterford Park, Rotorua, New Zealand

P. +64 7 348 1286

E: INFO@ENSIGN.CO.NZ