

OTPA-33-1

Tree Cutting Head



Manufacturer	Bracke Forest AB	Model	C 16 B
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Description

The tree cutting head is versatile, easily manoeuvred, high capacity cutting head which has an open saw box to allow for quick and easy maintenance.

This makes it a head suited to all types of mechanised logging, such as clearing along the trackside, roadsides and power lines. The cutting head can be installed on excavators and other machines equipped with a crane.

The head has efficient grapple arms that make it possible to easily gather and stack valuable assortments of timber. The head uses the same hydraulic cylinder for accumulation and grappling.

The unit has a patented cutting solution that results in extremely quick cuts. The cutting solution comprises a self-tensioning standard cutting chain fitted to a circular saw disc.

The make and model of the excavator to which the head will be fitted must be established to ensure full drive / machine compatibility.

Scope of Use	Cutting and gathering trees
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Competencies:	Machine Controller, Crane Controller & OTPA-27
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Product Approval No.:	-
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Risk Control Sheet No(s).	NR/L3/MTC/RCS0216/MP01 and MP07
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Control Measures Required

Equipment Operator(s) to have Safe Systems of Work in place for all operational circumstances on the Network Rail Managed Infrastructure.

Limitations in Use

1. The cutting head shall be subject to all applicable limitations on the Engineering Acceptance certificate of the Road Rail Vehicle (RRV) to which it is attached.
2. It must only be used by authorised and competent personnel in accordance with mandatory rules, regulations and the equipment operating instructions.
3. If adjacent lines are open to traffic, it shall only be used in accordance with the Method Statement for the possession and the safe system of work.
4. Staff shall be briefed on the safe operation of the machine prior to its use.
5. The cutting head shall only be used with an RRV whose RCI indicator is active, and the lifting duty is in excess of the load in the most adverse condition.

Minimum documentation requirement for the host machine are:

Operating Instructions and Logbook

Additional documents may include:

Test Records, Statutory Inspection & Test Records, Load Radius Charts (duty charts).

Technical Specification	C 16 B
Weight (kg)	270
Saw Disc Diameter (mm)	795
Cutting Capacity (mm)	260
Cutting Chain	¾"
Hydraulic pressure (bar)	170
Flow requirement (l/min)	120
Electrical System (volts)	24
Length (mm)	1200
Width (mm)	1000
Height (mm)	1120
Machine weight (tonnes)	15 - 28