

OTPA-33-2

Tree Cutting Head



Manufacturer Habbig **Models** HS650 / HS760 / HS 850

Description

The tree cutting head is versatile, easily manoeuvred, high capacity cutting head with an integral swivel device. The tree-cutter is an economic and efficient way of cutting and pollarding as only one man is needed to cut the trees and lay the branches in rows. There is no need to gather all the branches afterwards and/or pull these down out of the trees.

All Habbig tree-cutters allow the operator to cut and grab timber from within the cab of an excavator, to safely, quickly and neatly clear large volumes of branches and trunks. The timber can then be placed exactly where required, reducing the need for ground-staff.

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

Scope of Use Cutting and gathering trees

Competencies: Machine Controller, Crane Controller & OTP-27

Product Approval No. -

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:	HS650	HS760	HS850
Weight (kg)	270	365	475
Cut Dia. Soft Wood (mm)	200	230	280
Cut dia. Hard Wood (mm)	160	180	210
Opening Width (mm)	550	670	660
Hydraulic pressure (bar)	200 - 220	250 - 270	270 - 300
Flow requirement (l/min)	60 - 100	60 - 100	80 - 100
Length (mm)	1350	1600	1700
Width (mm)	800	830	850
Height (mm)	1100	1100	1150
Machine size (tonnes)	3 - 7	5 - 12	8 - 15