H290

HARVESTER HEAD

The Waratah H290 is a powerful, high-capacity new-generation harvester head. Built for superior performance in regeneration harvesting, it was specially designed for use with large wheel- and track-based harvesters.

The H290 features the highly efficient SuperCut 100 saw unit and can fell and process trees up to 760 mm (29.5 in.) in diameter. The SuperCut saw unit minimizes bucking damage and, with its integrated automatic chain lubrication and tensioning system, improves cutting performance while reducing maintenance time. The optional color marking system improves accuracy and ensures low dye consumption.

Four moving delimbing knives and one fixed, adjustable top knife follow the contours of the stem. The geometry of these knives ensures excellent delimbing quality — from large diameters down to small top diameters.

New dual-speed feed motors, with an enormous feed force of up to 41.6 kN (9,352 lbf), handle large-volume harvesting with optimum feed force and speed.

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TECHNICAL DATA

Dimensions:	Width arms open	1970 mm	*6.5 ft.*
	Width arms closed	1187 mm	*3.9 ft.*
	Height without rotator and link	1970 mm	*6.5 ft.*
Weight:	Without rotator and link	1870 kg	*4,123 lb.*
Felling/Cutting:	Maximum diameter saw cut	750 mm	*29.5 in.*
	Saw bar	900 mm	*35.4 in.*
	Chain type	10 mm	*.404 in.*
	Chain speed (m/s, ft./s)	40 m/s	*131 ft./s*
Feeding:	2WD with hydraulically driven rubber feed rollers		
	Feed force gross		
	With 1259/944-cc motors	37.3/28.1 kN	*8,385/6,317 lbf*
	With 1404/1050-cc motors	41.6/31.2 kN	*9,352/7,014 lbf*
	Maximum feed speed	4.5–6.0 m/s	*15–20 ft./s*
	Maximum feed roller opening	760 mm	*30.0 in.*
Delimbing:	Delimbing knives	4 moving and 1 fixed	
	Delimbing diameter tip to tip	510 mm	*20.1 in.*
	Maximum opening upper knives	800 mm	*31.5 in.*
	Maximum opening lower knives	870 mm	*34.2 in.*
Hydraulic Requirements:	Maximum operating pressure	28 MPa	*4,161 psi*
	Recommended pump capacity	320–380 l/min.	*84–100 gpm*
Control and Measuring System, Adaptation: (assuming the base machine already has a control and measuring system)	Timbermatic 10, 30, 300, H09 TimberRite, Motomit IT/PC, Dasa 4		
Control and Measuring System, New Delivery: (systems that can be ordered with the head)	TimberRite		

OPTIONAL EQUIPMENT

- Color marking system
- Stump treatment
- Steel thumbnail rollers
- Tireco and Mense rollers
- Rotator and link
- Rotator valve

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