

# H412

HARVESTER HEAD



The Waratah H412 represents the next generation of Waratah harvester heads. This compact head is made for small wheeled and tracked machines. With its powerful feed, accurate measuring, and excellent delimiting performance, the H412 combines the advantages of two- and four-wheel-drive harvester heads. Its compact size makes it highly maneuverable in dense thinning stands, and its multi-tree-handling equipment is ideal for energy wood harvesting.

The H412 is characterized by its powerful, slip-free four-wheel-drive feed with four hydraulic feed motors. The proven EV02 valve provides efficient hydraulic oil flow and head control. The mainframe is machined after being welded as one piece for high durability and dimensional accuracy. Three moving delimiting knives, along with one fixed top knife and one fixed back knife, follow the contours of the stem.

The efficient SuperCut 100 saw unit provides fast cutting cycles and a maximum felling diameter of 470 mm (18.5 in.). The SuperCut saw unit's automatic chain lubrication and tensioning improves cutting performance and reduces maintenance time.

 **waratah**  
BUILT TO WORK

# H412

## HARVESTER HEAD

### TECHNICAL DATA

<b>Dimensions:</b>	Width arms open	1320 mm	4.3 ft.
	Width arms closed	1070 mm	3.5 ft.
	Height without rotator and link	1155 mm	3.8 ft.
<b>Weight:</b>	Without rotator and link	733 kg	1,615 lb.
<b>Felling/Cutting:</b>	Maximum diameter saw cut	470 mm	18.5 in.
	Saw bar	540 mm	21.3 in.
	Bar type	10 mm	.404 in.
	Chain speed (m/s, ft./s)	40 m/s	132 ft./s
<b>Feeding:</b>	4WD with hydraulically driven steel feed rollers		
	Feed force gross		
	With 450/200-cc motors	17 kN	3,822 lbf
	Speed	4.5–6.0 m/s	15–20 ft./s
<b>Delimiting:</b>	Maximum feed roller opening	530 mm	20.8 in.
	Delimiting knives	3 moving and 2 fixed	
	Delimiting diameter tip to tip	370 mm	14.6 in.
	Maximum opening upper knives	550 mm	21.6 in.
<b>Hydraulic Requirements:</b>	Maximum opening lower knives	600 mm	23.6 in.
	Maximum operating pressure	28 MPa	4,061 psi
	Recommended pump capacity	200–280 l/min.	53–74 gpm
<b>Control and Measuring System, Adaptation:</b> (assuming the base machine already has a control and measuring system)	Timbermatic 300, H09		
	TimberRite, Motomit IT/PC, Dasa 4		
<b>Control and Measuring System, New Delivery:</b> (systems that can be ordered with the head)	TimberRite		

### OPTIONAL EQUIPMENT

- Color marking system
- Stump treatment
- Steel-spiked, ribbed, or V-type rollers
- Multi-tree handling
- Rotator valve
- Rotator and link
- Feed roller guard
- Alternative measuring wheel

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