

HARVESTING/PROCESSING HEADS



200 SERIES



H200 Series **TWO-WHEEL-DRIVE HARVESTER HEADS**

Productivity

Reliability

Versatility

Accuracy

Quality you can count on

Waratah harvester heads are known for outstanding productivity, reliability, and measuring accuracy. The H200 Series product family of two-wheel-drive harvester heads with optional equipment is ideal for processing both hardwood and softwood, enabling solid feeding of even crooked trees. Long-established design and manufacturing standards ensure high-quality products for logging and harvesting professionals globally.



Regeneration harvesting head

Highlights



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General features of the H200 Series



HTH250HD

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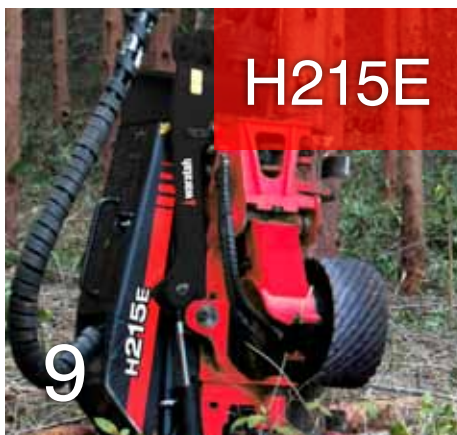
All-around harvester head for late thinning and early regeneration harvesting



H270 Series II

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Late-thinning and regeneration harvesting head



H215E

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Purpose-built eucalyptus harvester head



TimberRite

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Specifications


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H200-Series highlights



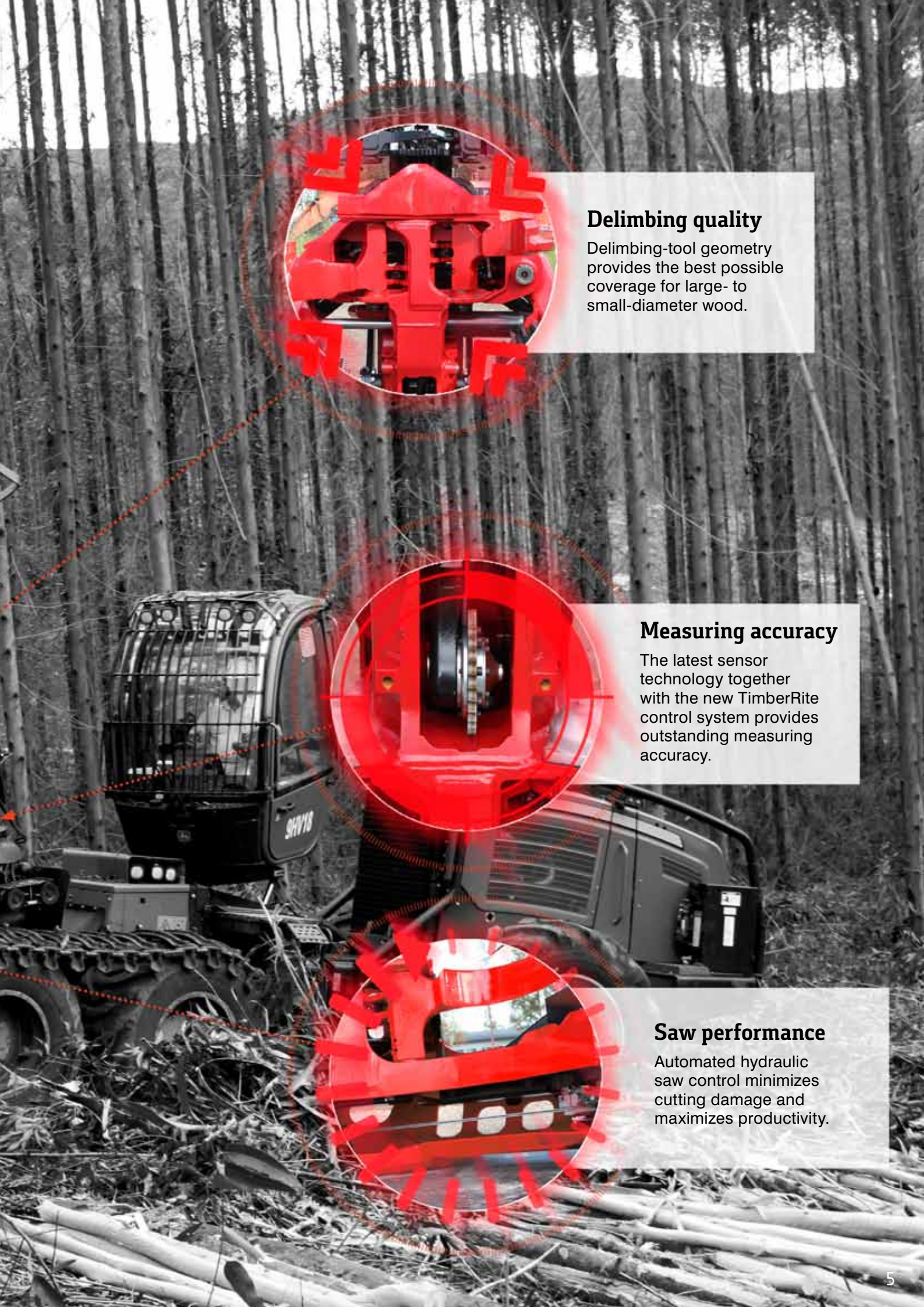
Usability

Good visibility to the tree trunk, long knives, and large roller openings enable easy grabbing of the stem for fell cutting.



Two-wheel-drive feeding

The combined function of two feed rollers and powerful delimiting knives makes processing of both straight and crooked trees easy.



Delimiting quality

Delimiting-tool geometry provides the best possible coverage for large- to small-diameter wood.

Measuring accuracy

The latest sensor technology together with the new TimberRite control system provides outstanding measuring accuracy.

Saw performance

Automated hydraulic saw control minimizes cutting damage and maximizes productivity.

HTH250HD

Medium size, superior performance

The Waratah HTH250HD is an all-around head for late thinning and early regeneration harvesting. It is especially designed for use with medium-sized harvesters.

HTH250HD features

- Easy to operate
- Accurate length and diameter measuring
- Smooth feeding of straight and crooked trees
- Efficient multi-tree-handling option

HTH250HD is effortless to operate. Long knives and wide-opening rollers make grabbing tree stems easy. The floating feed-arm design follows the contours of the tree, making the processing of straight as well as crooked trees seamless. Durable delimiting knives – four moving, two fixed – cover a larger area of the stem, ensuring excellent delimiting quality.

H270 Series II

Late thinning and regeneration harvesting made easy

The Waratah H270 Series II is a powerful, high-capacity harvester head built for superior performance in regeneration harvesting and designed for use with large wheel harvesters.

H270 Series II features

- Excellent delimiting quality in all diameter ranges
- Accurate length and diameter measuring
- Efficient multi-tree-handling option

The H270 Series II is simple and intuitive to operate. Long knives and wide-opening rollers easily grab tree stems. The floating front knife and roller arms along with the geometry of the four moving knives facilitate the feeding of both crooked and straight tree stems.



H290

The biggest harvester head for the biggest jobs

The Waratah H290 is an extremely powerful harvester head built for use on large wheel and track harvesters.

H290 features

- High delimiting quality
- Dual-speed feeding
- Efficient top saw

The H290 has a high feeding force and speed due to dual-speed two-gear feed motors. Automatic gear control optimizes feeding force with large timber and feed speed with small timber.

The H290 also ensures excellent delimiting in all diameter ranges. Long cutting knife edges make delimiting of large branches easy. The top-saw option maximizes productivity even in hardwood harvesting and processing.

H215E

Built for superior performance in eucalyptus harvesting

The Waratah H215E is a powerful, high-capacity new-generation harvester head purpose built for eucalyptus debarking and designed for use on large wheel harvesters and excavators.

H215E features

- Excellent debarking
- Ease of service
- Accurate length and diameter measuring



The H215E is an excellent tool for effective eucalyptus harvesting. Four moving delimiting knives, one fixed top knife, and one fixed back, together with fixed debarking tools in the frame and two rotating rollers, ensure excellent debarking from large to small top diameters. Long component life, durable hose routings, and ease of daily service add to the high reliability of the H215E.

CUSTOMIZED TO WORK.

Make our head your head.



TR100 key features

- An embedded, easy to learn and intuitive icon based system for those applications where simplicity is your priority
- No more keyboard – adjust settings easily with the user friendly touch screen
- Provides four species, 80 preselects delivering capability and flexibility for the larger cutting lists
- Provides extensive diagnostics for quick troubleshooting

When you order a Waratah harvester head, you never have to settle for features you'll never use. Since we build everything to order, you're able to fine-tune the configurations and match the features to the way you work – right down to the species of tree you're working with.

Whether you're looking to be more precise at the controls or more comfortable in your carrier, our customized wheel-and-knife configurations and smart amenities will help you make the most of your time on the job.

MEASURING AND CONTROL SYSTEMS

Simplify your operations while boosting productivity with the Waratah TR100 measuring system. Through this easy-to-use system, operators control harvester head functions, measure log length and diameter, and record the total volume harvested — all with icons that are easily understood worldwide.

TR100 delivers vital production information while controlling harvest functions and timber measurements. With its simple graphics, it knocks down language barriers and helps manage workloads through intelligent control systems and real-time information access.

By managing your workload through intelligent control systems, real-time information access, and wireless data transfer, our TimberRite 30L and 30H systems turn your carrier into your high-tech office in the woods.

You can send and receive production information, machine settings, and harvesting instructions via email. Or monitor your harvester/processor head performance to ensure maximum productivity.



TimberRite 30L

KEY FEATURES

- PC-based system integrates the control of the harvester/processor head with the measure and bucking of timber
- Enough memory for an unlimited number of sites and personal settings for up to six operators
- It optimizes using length plus large-end (LED) or small-end (SED) diameter logic, incorporating eight species, 40 pre-selections per species - streamlining your mixed timber stands and large cutting lists
- Provides individual species calibration and individual species soft clamping settings of the delimb and drive arms
- Transfer data with a USB stick
- Features work and repair statistics to help you monitor uptime, productivity, and operating costs
- Download production reports, worksite instructions, repair follow-ups, calibration history, log tables, and more
- Simplified diagnostic tests with built-in diagnostic troubleshooting of all inputs, outputs, and sensors.



TimberRite 30H

KEY FEATURES

- Send and receive production information, machine settings, and harvesting instructions via email regardless of your location
- It optimizes each log prioritizing by assigned price to maximize the value of the log.
- StanForD files ensure data can interchange with virtually any professional system in the forestry business
- Transfer data with a USB stick
- Features work and repair statistics to help you monitor uptime, productivity, and operating costs
- Download production reports, worksite instructions, repair follow-ups, calibration history, log tables, and more
- Simplified diagnostic tests with built in diagnostic troubleshooting of all inputs, outputs, and sensors.

COMPONENTS

Display Module

26.4 cm 10.39 in.- monitor with keyboard and touchpad mouse

PC-based CPU Module

Includes email and optional GPS

Joystick Module

Interface for joystick communication

SureGrip or Danfoss Joysticks

For comfortable control of harvester head functions

CrossFire Module

CrossFire controls base machine pumps

Harvester Head Module (HHM)

Processes and conveys control signals to the harvester and measuring data from the harvester head

USB Stick

Conveniently transfer files

H200 Series Harvester Heads technical data

	HTH250HD	H270 Series II	H290	H215E	
DIMENSIONS [mm]					
Width, head open	1410	1660	1900	1650	
Width, head closed	1110	1075	1190	1200	
Height without rotator and link	1500	1585	1970	1900	
WEIGHT [kg]					
Without rotator and link, from	950	1350	1970	1690	
FELLING/CUTTING					
SuperCut 100 saw unit, automatic chain tensioning	Standard	Standard	Standard	Top saw	Standard
Maximum cut diameter [mm]	570	650	750	400	550
Length of saw bar [mm]	750	825	900	550	670
Chain type	.404	.404	.404	.404	.404
Chain speed [m/s]	40	40	40	40	40
FEEDING, TWO-WHEEL DRIVE with steel feed rollers					
Gross feed force [kN]	514-cc motors: 25.1 560-cc motors: 27.3 625-cc motors: 30.5	780-cc motors: 28.1 857-cc motors: 31.1 934-cc motors: 33.9	1295 / 944-cc motors: 37.7 / 28.1 1404 / 1050-cc motors: 41.6 / 31.2	702-cc motors: 25	
Maximum feed speed [m/s]	4.5–6.0	4.5–6.0	4.5–6.0	5.0	
Maximum roller opening [mm]	500	620	760	550	
DELIMBING [mm]					
Delimiting knives	4 moving, 2 fixed	4 moving, 1 floating, 1 fixed	4 moving, 1 fixed	4 moving, 1 fixed, 2 fixed debarking tools	
Delimiting diameter, tip to tip	400	460	510	430	
Maximum opening, upper knives	520	740	800	580	
Maximum opening, lower knives	570	670	870	610	
HYDRAULIC SYSTEM					
Maximum operating pressure [MPa]	28	28	28	28	
Recommended pump capacity [l/min.]	180–340	260–380	320–380	260–340	
CONTROL AND MEASURING SYSTEM	For installation, contact your local Waratah dealer.				
OPTIONAL EQUIPMENT					
Color marking	Yes	Yes	Yes	No	
Stump treatment	Yes	Yes	Yes	No	
Multi-tree-handling (MTH)	Yes	Yes	No	No	
MenSe feed rollers	Yes	Yes	Yes	No	
Steel thumbnail feed rollers	Yes	Yes	Yes	No	
Steel ribbed feed rollers	No	Yes	No	No	
TIRECO chain	Yes	Yes	Yes	No	
Chain and saw-bar kits	Yes	Yes	Yes	Yes	
Hydraulic hose kit	Yes	No	Yes	No	
Top saw	No	No	Yes	No	
OTHER ACCESSORIES	For more information, please contact your dealer.				

*Please note: Measurements are guidelines only and may vary depending on production tolerances. The manufacturer reserves the right to make changes.

This brochure/literature has been compiled with care for worldwide circulation. While general information, pictures, and descriptions are provided, some illustrations and text may include options and accessories not available in all regions. Please contact your local dealer for details. Waratah reserves the right to change specifications and design for products described in this brochure without notice. No liability for errors and omissions.





Productivity

Reliability

Versatility

Accuracy





FORESTRY EQUIPMENT

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MORE
ABOUT OUR
HARVESTER
HEADS:



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