

# H200-Series Harvester Heads



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

Productivity

Reliability

Versatility

Accuracy





# Quality you can count on

John Deere 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.





# Highlights

General features of the H200 Series



# H270 Series II

Late-thinning and regeneration harvesting head



# H290

Regeneration harvesting head



# H215E

Purpose-built eucalyptus harvester head



# Specifications





# 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 TimberMatic control system provides outstanding measuring accuracy.



### Saw performance

Automated hydraulic saw control minimizes cutting damage and maximizes productivity.









# H270 SERIES II

## Late thinning and regeneration harvesting made easy

The John Deere 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 John Deere 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 John Deere 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.



# H200-Series Harvester Heads technical data

	H270 Series II	H290	H215E	
<b>DIMENSIONS [mm]</b>				
Width, head open	1660	1900	1650	
Width, head closed	1075	1190	1200	
Height without rotator and link	1585	1970	1900	
<b>WEIGHT [kg]</b>				
Without rotator and link, from	1350	1970	1690	
<b>FELLING/CUTTING</b>				
SuperCut 100 saw unit, automatic chain tensioning	Standard	Standard	Top saw	Standard
Maximum cut diameter [mm]	650	750	400	550
Length of saw bar [mm]	825	900	550	670
Chain type	.404	.404	.404	.404
Chain speed [m/s]	40	40	40	40
<b>FEEDING, TWO-WHEEL DRIVE with steel feed rollers</b>				
Gross feed force [kN]	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	5.0	
Maximum roller opening [mm]	620	760	550	
<b>DELIMBING [mm]</b>				
Delimiting knives	4 moving, 1 floating, 1 fixed	4 moving, 1 fixed	4 moving, 1 fixed, 2 fixed debarking tools	
Delimiting diameter, tip to tip	460	510	430	
Maximum opening, upper knives	740	800	580	
Maximum opening, lower knives	670	870	610	
<b>HYDRAULIC SYSTEM</b>				
Maximum operating pressure [MPa]	28	28	28	
Recommended pump capacity [l/min.]	260–380	320–380	260–340	
<b>CONTROL AND MEASURING SYSTEM</b>	For installation, contact your local John Deere dealer.			
<b>OPTIONAL EQUIPMENT</b>				
Color marking	Yes	Yes	No	
Stump treatment	Yes	Yes	No	
Multi-tree-handling (MTH)	Yes	No	No	
MenSe feed rollers	Yes	Yes	No	
Steel thumbnail feed rollers	Yes	Yes	No	
Steel ribbed feed rollers	Yes	No	No	
TIRECO chain	Yes	Yes	No	
Chain and saw-bar kits	Yes	Yes	Yes	
Hydraulic hose kit	No	Yes	No	
Top saw	No	Yes	No	
<b>OTHER ACCESSORIES</b>	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. All product names featured in this brochure are registered trademarks of John Deere Forestry Oy.

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