



JOHN DEERE

FOREST MACHINES

H290

HARVESTER HEAD



The new John Deere H290 is a powerful, high capacity new generation harvester head, built for superior performance in late thinning and regeneration harvesting. It is especially designed for use with large wheel & track based harvesters.

The H290 features the highly efficient SuperCut 100 saw unit and can fell and process trees up to 750 mm diameter. The SuperCut saw unit minimizes bucking damage and the integrated automatic chain lubrication and tensioning system improves cutting performance while reducing maintenance time. The optional 2-colour marking system provides high

accuracy and low dye consumption.

Four moving delimiting knives and fixed upper and lower knives follow the contours of the stem. The geometry of the knives ensures an excellent delimiting 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 handle large volume harvesting with optimum feed force and speed.

Technical data

John Deere H290 harvester head

Dimensions:	Width, head open	1900 mm
	Width, head closed	1400 mm
	Length of the delimiting unit	1970 mm
Weight:	Without rotator, from	1850 kg
Felling/cutting:	SuperCut 100 saw unit, with hydrostatic drive	
	Automatic chain tensioner	
	Max. felling/cutting diameter	750 mm
	Saw bar	900 mm
	Chain type	10 mm
	Chain speed	40 m/s
	Tank chain oil	5 l
Feeding:	2WD with 2 steel feed rollers, 2 hydraulic, 2-speed motors	
	Feed force	
	with 1259/944 cc motors	37,3 kN
	with 1404/1050 cc motors	41,6 kN
	Max. feed speed	4,5-6,0 m/s
	Max. feed roller opening	760 mm
Delimiting:	Delimiting knives	4 moving & 2 fixed
	Delimiting diameter tip to tip	510 mm
	Max. opening upper knives	800 mm
	Max. opening lower knives	870 mm
Hydraulic system:	Recommended pump capacity, depending on feed motor size	350 l/min
	Max. operating pressure	28 MPa
Measuring & control system:	Timbermatic 300 or TimberRite	
Optional equipment	<ul style="list-style-type: none"> • Tireco or MenSe feed rollers • Colour marking system, 2 colours • Stump treatment system • Rotator & link • Rotator valve • Tool kits 	



JOHN DEERE
Nothing Runs Like A Deere™

John Deere Forestry Ltd.
Carlisle Airport Industrial Estate
Carlisle, Cumbria CA6 4NW
United Kingdom
Tel. +44 (0) 870 224 3745
Fax. +44 (0) 870 224 3746
www.johndeere.co.uk

John Deere Forestry Ltd.
Ballyknocken
Glenealy
Co. Wicklow, Ireland.
Tel. (0) 404 44969
Fax. (0) 404 44972
www.johndeere.co.uk