## HARVESTER HEADS

H424

H200 & H400 series



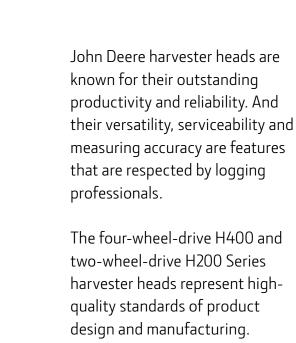
IN A CLASS OF THEIR OWN

## SUPERIOR PERFORMANCE WITH JOHN DEERE HARVESTERS

H424

### UNBEATABLE COMBINATION

John Deere harvester heads work seamlessly together with the John Deere harvesters. All the technical features of the combination are fine-tuned to serve the final purpose: felling, processing and measuring the stem. The hydraulics, automation, characteristics of the engine, and other features of the base machine enable maximized performance of the harvester heads.



design and manufacturing. No matter how difficult the conditions are, these products perform well in their size class.

HIGHLIGHTS4 of H200 and H400 Series
H423
H424
H480C9 A robust harvester head for final fellings
H425 AND H425HD10 Strength and stamina for all logging conditions
TECHNICAL DATA 13 H400 Series
H270 SERIES II
H219
H215E
TECHNICAL DATA



## CHECK OUT THE HIGHLIGHTS H400 & H200 SERIES



#### **DELIMBING QUALITY**

The ideal geometry of the harvester heads, along with advanced feeding, stem holding, hydraulics, mechanics and automation, ensure high delimbing quality.

#### **MEASURING ACCURACY**

John Deere harvester heads provide the best measuring accuracy in the market. This is a result of seamless co-functioning of the technology of the harvesters and harvester heads – something that is characteristic of John Deere.

#### HIGH SAW PERFORMANCE

The John Deere-specific saw unit offers high cutting performance, thanks to the excellent automation, mechanics and hydraulics of John Deere. It also features easy saw chain change, reliable saw chain tensioner, and a wide range of saw bars and lubrication systems for versatile customer needs.

#### USABILITY

John Deere harvester heads are user friendly. Adjusting the functions takes place through the TimberMatic<sup>™</sup> machine control system, comfortably in the cabin. The controllability of the harvester heads is superior, thanks to excellent automation and hydraulics. This enables adaptation for the best performance in every condition and according to user preferences.

#### SERVICEABILITY

The service and filling points of John Deere harvester heads are easy to access. The hoses and connectors are easy to change, and the covers open without extra effort. Greasing John Deere harvester heads is also convenient.

#### **OPTIONS**

John Deere offers the market's largest selection of options for harvester heads, so heads can be tailored to meet all markets, conditions and user needs.

#### H400 FOUR-WHEEL-DRIVE FEEDING

Four-feed-roller harvester heads offer excellent grip in feeding. The heads feature high feeding force in a relatively small size. The feeding force and speed are easy to optimize, due to a large variety of configuration choices. As a result, efficient feeding is achieved without compromising measuring accuracy or delimbing quality.

#### H200 TWO-WHEEL-DRIVE FEEDING

The design of two-feed-roller harvester heads allows sideways movement of the stem being processed, which is of great help when handling curvy stems. The typically long frame brings stability to the heads in felling. The design also allows feeding to the smaller top-end diameter.



#### H423 FEATURES

- Harvester head for thinnings and light regeneration operations
- Ideal tree diameter at breast height (DBH) is 150-350 mm
- Great versatility and performance
- Very suitable for multi-tree handling
- Well protected hoses
- Easy maintenance
- Low weight

## GREAT PRODUCTIVITY FROM EARLY TO LATE THINNINGS

The John Deere H423 has been designed to carry out a wide range of harvesting jobs, from early to late thinnings and light regeneration harvesting. Because of its low weight, it can also be fitted to smaller base machines with a long boom. It has outstanding multi-tree-handling properties and can be equipped with a large variety of other options.

The H423 cleanly handles stems within its operating range – everything that fits in the head can be processed without trouble. It represents unique processing capability in its size class. The H423 and a John Deere harvester together are a highly productive combination.

The H423 features four feed rollers surrounding the stem. This continuous four-wheel drive with hydraulically connected feed rollers and mechanically connected upper feed rollers ensure strong, fast feeding. The carefully routed hydraulic hoses are well protected by other structures of the harvester head.

The H423 also offers a wide portfolio of optional equipment and is thus adaptable for a large variety of logging applications. The excellent multi-tree handling options and capability further expands the operational range to smallwood applications, for example.



### MULTIPURPOSE HARVESTER HEAD

The H424 is a mid-size harvester head designed to cover various applications, from later thinnings to final fellings. It is a great all-around harvester head also suitable for crooked trees.

Feed-roller arms feature feed-roller guards and carefully routed and protected hydraulic hoses. Four moving delimbing knives, one fixed top knife, and one fixed back knife follow the contours of the stem, ensuring high delimbing quality. The frame design also allows easy processing of crooked stems.

The H424 is durable, productive and energy efficient. Adjustability and controllability make it comfortable to use. The service points are easily accessible, hydraulic hoses easy to change and the hinged covers easy to open.

#### H424 FEATURES

- Available for 1070G, 1170G and 1270G
- Compact design for thinnings and power for final fellings
- Ideal tree diameter at breast height (DBH) is 150-430 mm
- Wide operating range
- Numerous options available

#### H480C FEATURES

- From middle-size to large trees
- Ideal tree diameter at breast height (DBH) is 250-500 mm
- Excellent delimbing quality
- Unprecedented processing performance

### A ROBUST HARVESTER HEAD FOR FINAL FELLINGS

The John Deere H480C combines feeding and cutting power with excellent delimbing quality throughout its operating range.

The H480C gives high tree-processing performance, especially with large timber. Four moving delimbing knives, one fixed top knife, and one fixed bottom knife follow the contours of the stem. Knife geometry, together with the four-feed-roller-drive, ensure excellent delimbing quality with all stem sizes.

Frame structures are durable, and the rubber stoppers of the tilt frame protect the structures and further prolong the lifetime of the harvester head. Feed-roller arms feature durable bearings, cylinders and pins, and well protected hoses.

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The H480C can be equipped with a great number of options, including two feed motor and several saw motor choices. This makes it adaptable for the harvesting of smaller wood.

# H480C

#### H425 FEATURES

- Large, strong harvester head, primarily for operations with big stems
- Ideal tree diameter at breast height (DBH) is 250-500 mm
- High productivity, excellent measuring accuracy and delimbing quality
- · Carefully routed hoses are well protected
- Huge selection of options makes it adaptable to a great variety of operations with different tree sizes and types

#### H425HD ADDITIONAL FEATURES

- Heavy Duty (HD) tilt frame
- Expander pins in the upper end of the tilt cylinder, feed-motor arms, and lower delimbing knives
- Feed-motor quards



## STRENGTH AND STAMINA FOR ALL LOGGING CONDITIONS

The H425 and H425HD are large harvester heads primarily targeted to operations with relatively big stems. With their excellent geometry, they perform well in their entire operating area, from small to large trees. The large selection of options and the HD version further widen the application range.

The H425 and H425HD offer superb productivity in all conditions. They are powerful and durable. They have the largest option availability in the John Deere harvester head portfolio, including several feed motor, frame and saw motor options. Therefore, they are well suited for a variety of operations, as long as the base machine is strong enough. No matter what the tree species, stem profile or size, the H425 and H425HD can get the job done!



## H425 AND H425HD



#### H400 Series Harvester Heads technical data

SPECIFICATIONS	H423	H424	H480C	H425, H425HD
DIMENSIONS [mm]				
Width, head open	1480	1570	1880	1730
Width, head closed	1150	1290	1200	std. 1335 (with Buttress-option 1425)
Height without rotator and link	1350	1400	1450	1510
WEIGHT [kg]				
Without rotator and link, from	955	1105	1350	1360 (H425HD 1399 kg)
FELLING/CUTTING				
SuperCut 100S saw unit, automatic chain tensioning	Standard	Standard	Standard	Standard
Maximum cut diameter [mm]	580	620	710	std. 710 (with Buttress-option 750)
Length of saw bar [mm]	640/750	750	825/900	825/900
Chain type	.404	.404	.404	.404
Chain speed [m/s]	40	40	40	40
FEEDING, FOUR-WHEEL-DRIVE with	steel feed rollers			
Gross feed force [kN]	315 / 500-cc motors: 23	400 / 620-cc motors: 27 315 / 503-cc motors: 21.5	400 / 630-cc motors: 27 500 / 800-cc motors: 30 500 / 780-cc motors: 30	400 / 627-cc motors: 27 500 / 780-cc motors: 30 315 / 1014-cc motors: 25–42
Maximum feed speed [m/s]	4.8-5.6	4.5–6.0	4.0-6.5	2.9–7.0
Maximum roller opening [mm]	560	640	680	680
DELIMBING [mm]				
Delimbing knives	4 moving, 2 fixed	4 moving, 2 fixed	4 moving, 2 fixed	4 moving, 2 fixed
Delimbing diameter, tip to tip	420	430	460	460
Maximum opening upper knives	560	610	680	680
Maximum opening lower knives	570	670	710	730
HYDRAULIC SYSTEM				
Maximum operating pressure [MPa]	28	28	28	28
Recommended pump capacity [l/min]	240–280	200–340	260–340	260–340
CONTROL AND MEASURING SYSTEM	I			
For adaptation, contact your local John Deere o				
OPTIONAL EQUIPMENT				
Color marking	Yes	Yes	Yes	Yes
Stump treatment	Yes	Yes	Yes	Yes
Multi-tree-handling (MTH)	Yes	Yes	Yes	Yes
Mense feed rollers	Yes	Yes	Yes	Yes
Moipu feed rollers	Yes	Yes	Yes	Yes
Steel thumbnail feed rollers	Yes	Yes	Yes	Yes
Steel V-profile feed rollers	Yes	Yes	Yes	Yes
Steel ribbed feed rollers	Yes	No	No	Yes
Chain and saw bar kits	Yes	Yes	Yes	Yes
Hydraulic hose kit	Yes	Yes	Yes	Yes
Top saw	No			
	INU	No	No	Yes

#### 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. All product names featured in this brochure are registered trademarks of John Deere Forestry Oy.

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## H270 SERIES II

#### H270 SERIES II FEATURES

- Excellent delimbing quality in all diameter ranges
- Ideal tree diameter at breast height (DBH) is 250-470 mm
- $\cdot \,$  Accurate length and diameter measuring

H270

• Efficient multi-tree-handling option

## BUILT FOR LATE THINNING AND REGENERATION HARVESTING

The John Deere H270 Series II is a powerful, highcapacity harvester head built for superior performance in regeneration harvesting and designed for use with large wheeled harvesters.

The H270 Series II is easy and effortless to operate. With long delimbing knives and feed rollers that open wide, grabbing trees is easy. The floating front knife and roller arms, along with the geometry of the four moving delimbing knives, facilitate the feeding of both crooked and straight tree stems.



### THE BIGGEST HARVESTER HEAD FOR THE BIGGEST JOBS

## The John Deere H219 is an extremely powerful harvester head built for use on large wheeled and tracked harvesters.

The H219 has been designed with a focus on durability, productivity and ease of maintenance. It features a robust structure with well routed and protected hoses and easy access to service points.

The H219 has a high feeding force and speed, thanks to the dual-speed, two-gear feed motors. Automatic gear control of the feed motors optimizes the feeding force with large timber and the feed speed with small timber.

The H219 also ensures excellent delimbing in all diameter ranges. The long cutting edges of the delimbing knives make for easy delimbing of large branches. The top-saw and find-end options maximize productivity even in hardwood harvesting and processing.

#### H219 FEATURES

HZI9

- For the John Deere 1470G with CH986 boom
- Ideal tree diameter at breast height (DBH) is 300-550 mm
- High delimbing quality
- Dual-speed feeding
- Efficient top saw option

#### **NEW OPTIONS**

- Heavy Duty (HD) tilt frame
- Find-end sensor
- Measuring roller for hardwood
- Stroke chain lubrication for the main saw
- Steel thumbnail feed rollers for hardwood

#### H215E FEATURES

- Excellent single-pass debarking
- Ideal tree diameter at breast height (DBH) is 150-300 mm
- $\cdot \,$  Accurate length and diameter measuring
- Ease of service

### 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 wheeled harvesters and excavators.

The H215E is an excellent tool for efficient eucalyptus harvesting. Four moving delimbing knives, one fixed top knife, and one fixed back knife, together with fixed debarking tools in the frame and two rotating rollers, ensure excellent debarking from large to small trees. 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

With head open16601900	SPECIFICATIONS	H270 Series II	H219		H215E
With, head closed1075190200Height Without rotator and link19551970900900HEIGHT [Ig]551970190019001900Without rotator and link, from150197019005501900FELLING/CUTTING53900550670670Baindard [mm]652900550670670Chain speed [ms]404404404404404Chain speed [ms]405900550670FEEDING, WOO-WHEEL-DRIVE with steel feed rollers905900550670Gross feed force [Mi]200 centors: 201940/ 7095 centors: 20155Maximum feed speed [ms]200 centors: 201940/ 7095 centors: 20150Delting ling [mm]200 centors: 201940/ 7095 centors: 20150Delting ling [mm]200 centors: 201940/ 7095 centors: 20150Delting ling [mm]200 centors: 201940/ 7095 centors: 20150Delting ling [mm]455 c.05050Delting ling [mm]600 centors: 2015050Delting ling [mm]460 centors: 201100 centors: 20150Delting ling [mm]460 centors: 201100 centors: 20150Delting ling [mm]460 centors: 2015005050Delting ling [mm]460 centors: 201100 centors: 2012050Delting ling [mm]2020305050Delting ling [mm] <td< td=""><td>DIMENSIONS [mm]</td><td></td><td></td><td></td><td></td></td<>	DIMENSIONS [mm]				
Height without rotator and link, from     1585     1970     1980       WEIGKTT [kg]     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .	Width, head open	1660	1900		1650
Note     Note     Note       Without cotator and link, from     1950     1970     Kender       Supper Cut DOS saw unit, automatic chain tensioning     Standard     Standard     Top saw     Standard       Supper Cut DOS saw unit, automatic chain tensioning     Standard     Standard     Top saw     Standard       Supper Cut DOS saw unit, automatic chain tensioning     Standard     404     404     404       Linning per Cinning     404     404     404     404     404       Chain speed [in/s]     40     40     40     40     40       Etain type     .     404     40     40     40       Etain type     .     404     40     40     40       Etain type     .     404     40     40     40       Etain type     .     .     .     .     .       Etain type     .     .     .     .     .       Maximum opening types     .     .     .     .     .       Maximum opening typer kines     . <td>Width, head closed</td> <td>1075</td> <td>1190</td> <td></td> <td>1200</td>	Width, head closed	1075	1190		1200
Without rotator and link, fromJS50J970I699FELLING/CUTTINGSigneful (DS saw uit, automatic chain tensioningStandardStandardNoAutoGS0GS0GS0GS0GS0GS0GS0Langth of saw bar (mm)625900SS0G70GS0Chain speed (m/s)404404404404404PEEDING, TWO-WHEEL-DRIVE with steel feed rollers944-(7295-cc motors: 371 / 281, 857-cc motors: 311, 857-cc motors: 313944/1295-cc motors: 371 / 281, 857-cc motors: 31325Gross feed force [AN]45-6045-60505050Maximum feed speed [m/s]45-6045-605050Maximum feed speed [m/s]45-60510340Maximum feed speed [m/s]460510340Maximum feed speed [m/s]460510340Maximum feed speed [m/s]670870340Delimbing firmes740870360Delimbing diameter ip to tip660510360Maximum opening lower knives740870360Maximum opening lower knives740870360Maximum opening lower knives503320-380360-340CDUTED LAD MEASURING SYSTEM160160160Matheter bendelingYesNo160Matheter dollensYesNo160Matheter dollensYesNo160Steel rhubed feed rollensYesNo1	Height without rotator and link	1585	1970		1900
Without rotator and link, fromJS50J970I699FELLING/CUTTINGSigneful (DS saw uit, automatic chain tensioningStandardStandardNoAutoGS0GS0GS0GS0GS0GS0GS0Langth of saw bar (mm)625900SS0G70GS0Chain speed (m/s)404404404404404PEEDING, TWO-WHEEL-DRIVE with steel feed rollers944-(7295-cc motors: 371 / 281, 857-cc motors: 311, 857-cc motors: 313944/1295-cc motors: 371 / 281, 857-cc motors: 31325Gross feed force [AN]45-6045-60505050Maximum feed speed [m/s]45-6045-605050Maximum feed speed [m/s]45-60510340Maximum feed speed [m/s]460510340Maximum feed speed [m/s]460510340Maximum feed speed [m/s]670870340Delimbing firmes740870360Delimbing diameter ip to tip660510360Maximum opening lower knives740870360Maximum opening lower knives740870360Maximum opening lower knives503320-380360-340CDUTED LAD MEASURING SYSTEM160160160Matheter bendelingYesNo160Matheter dollensYesNo160Matheter dollensYesNo160Steel rhubed feed rollensYesNo1	WEIGHT [kg]				
spectral DOS saw unit, automatic chain tensioning     Standard     Standard     Top saw     Standard       Maximum cut diameter [mm]     650     750     400     550     670       Langth of saw bar [nm]     825     900     550     670     670       Linin type     .404     404     404     404     404     670       Chain speed [m/s]     .404     404     40     40     40     40       FEEDING, TWO-WHEEL-DRIVE with steel feed rollers	Without rotator and link, from	1350	1970		1690
Advance     Control     State       Langth of save bar (nm)     650     750     400     550       Length of save bar (nm)     825     900     550     670       Chain speed [m/s]     40     404     404     404       Chain speed [m/s]     40     40     40     40       FEEDING, TWO-WHEEL-DRIVE with steel feed rollers     780-cc motors: 28.1     944 / 1295-cc motors: 371 / 28.1     25       Gross feed force [AN]     780-cc motors: 28.1     944 / 1295-cc motors: 371 / 28.1     25       Maximum feed speed [m/s]     4.5 - 6.0     5.0     5.0       Maximum foller opening [nm]     620     760     550       DELLMBING [mm]     0     40     800     580       Maximum opening upper knives     1 floating.1 fixed     1 fixed     2 fixed debarking tools       Delimbing knives     740     800     580     50       Maximum opening upper knives     670     870     610     40       Maximum opening lower knives     670     870     610     50       Maximum opening lower knive	FELLING/CUTTING				
Length of saw bar [mm]     B25     900     550     670       Chain speed [m/s]     40/4     40/4     40/4     40/4       Chain speed [m/s]     40     40     40     40       FEEDING, TWO-WHEEL-DRIVE with steel feed rollers     57-cc motors: 281     94/4 / 1295-cc motors: 277/281     25       B57-cc motors: 311     190/1 / 1404-cc motors: 277/281     25     30       Maximum feed speed [m/s]     4.5-6.0     4.5-6.0     5.0       Maximum roller opening [mm]     620     760     550       DELIMBING [mm]     4 moving, 1 fixed, 1 fixed, 1 fixed, 2 fixed debarking tools     14 moving, 1 fixed, 1 fixed, 1 fixed, 2 fixed debarking tools       Delimbing dameter tip to tip     460     510     340       Maximum opening upper knives     670     870     610       HYORAULIC SYSTEM     2     260-380     260-340       Maximum opening upper knives     763     870     80       Contract your local John Deere dealer.     2     260-340     260-340       Cotromarking ressure [MPa]     28     28     28       Recommended pump capacity [L/min.	SuperCut 100S saw unit, automatic chain tensioning	Standard	Standard	Top saw	Standard
Chain type     A04     A04     A04     A04       Chain speed [m/s]     40     40     40     40       FEEDING, TWO-WHEEL-DRIVE with steel feed rollers     887-cc motors: 281.     944/1295-cc motors: 377/281.     25       Bars feed force [kN]     887-cc motors: 381.     950/1404-cc motors: 787.     25       Maximum feed speed [m/s]     4.5-6.0     4.5-6.0     5.0       Maximum opening [mm]     620     750     50       DELIMBING [mm]     500     500     500       DELIMBING [mm]     4 moving. 1 floating. fixed     1 floating. fixed     2 fixed debarking tools       Delimbing dimeter tip to tip     460     510     580       Maximum opening upper knives     70.0     800     580       Maximum openating pressure [MPa]     260-380     320-380     260-340       CONTROL AND MEASURING SYSTEM     57     50     580       For daptation, contact your local John Deere dealer.     560     50     560       Optimetere demotere dealer.     580     580     580     580       Delimbing dimeter ty tor toon John Deere dealer. <td>Maximum cut diameter [mm]</td> <td>650</td> <td>750</td> <td>400</td> <td>550</td>	Maximum cut diameter [mm]	650	750	400	550
base     Production     Production     Production     Production       Gross feed force [kN]     780 -cc motors: 281 393-cc motors: 311 393-cc motors: 311 340     550       DELIMBING [mm]     4 moving, freed 11 freed     4 moving, 1 freed, 2 freed debarking tools     21 freed debarking tools       DELIMBING [mm]     460     510     340     340       Maximum opening upper knives     740     800     580     360       Maximum opening upper knives     740     800     580     360       Maximum opening upper knives     740     800     28     360       Controx L MD MEASURING SYSTEM     28     28     28     360       Color marking     Yes	Length of saw bar [mm]	825	900	550	670
FEDING, TWO-WHEEL-DRIVE with steel feed rollersGrass feed force [k1]780-cc motors: 281 B37-cc motors: 39394/1/295-cc motors: 377/281 B37-cc motors: 39325Maximum feed speed [m/s]45-6.04.5-6.05.0Maximum roller opening [mm]620760550Delimbing knives1 faced1 faced2 faced debarking toolsDelimbing knives1 faced1 faced2 faced debarking toolsDelimbing knives4 moving, 1 faced1 faced3 fooDelimbing knives4 moving, 1 faced1 faced2 faced debarking toolsDelimbing knives4 moving, 1 faced1 faced3 fooDelimbing knives670800580Maximum opening lower knives670870610HORALLIC SYSTEM282828Recommended pume capacity [//mi.]260-380320-38020-340COTTROL ADD MEASURING SYSTEMVesVesNoColor markingYesYesNoStaup tartementYesNoNoMulti-tree-handling (MTH)YesYesNoMare feed rollersYesYesNoSteel thumbail feed rollersYesNoNoSteel thumbail feed rollersYesNoNoSteel thumbail feed rollersYesYesNoSteel thumbail feed rollersYesYesNoSteel thumbail feed rollersYesYesNoSteel thumbail feed rollersYesYes	Chain type .	.404	.404	.404	.404
Gross feed force [kN]780-cc motors: 28.1 857-cc motors: 31.1 924-cc motors: 31.1 924-cc motors: 31.9 924-cc motors: 31.9 924-cc motors: 31.9 924-cc motors: 31.9 924-cc motors: 31.9 924-cc motors: 31.9 924-cc motors: 32.9924-(1265-cc motors: 327.1 28.1 924-cc motors: 31.9 924-cc motors: 32.9 924-cc motors: 32.9925-cc motors: 327.1 28.1 924-cc motors: 327.1 28.1 924-cc motors: 32.9 924-cc motors: 32.9924-(1265-cc motors: 327.1 28.1) 924-cc motors: 327.1 28.1 924-cc motors: 326.1 926-380926-380 920-380926-380Delimbing diameter tip to tip Maximum operating pressure [MPa] Maximum operating pressure [MPa] Maximum operating pressure [MPa] Recommended pump capacity [I/min.] 28282828Decommended pump capacity [I/min.] Contract. Derimation: contact your local John Deere dealer. Derimation: contact your local John Deere dealer. Derimation: contact your local John Quere dealer.296-380 920-380NoOptimating file Stump treatmentYesYesNoNoMulti-tree-handing (MTH) Mensa feed rollers<	Chain speed [m/s]	40	40	40	40
857-cc motors: 3i.l. 934-cc motors: 3i.g.     1050 / 1404-cc motors: 416 / 31.2       Maximum feed speed [m/s]     4.5-6.0     5.0       Maximum feed speed [m/s]     4.5-6.0     5.0       Maximum feed speed [m/s]     6.20     76.0     5.0       DELIMBING [mm]     6.20     76.0     5.0       DELIMBING [mm]     4 moving, fixed, 1 fixed, 1 fixed     4 moving, 2 fixed debarking tools     2       Delimbing knives     4.60     510     3.0     3.0       Maximum opening upper knives     70.0     80.0     580       Maximum opening lower knives     70.0     870     610       HORAULC SYSTEM     28     28     28       Recommended pump capacity [l/min.]     260-380     320-380     260-340       CONTROL AND MEASURING SYSTEM     Fired debarking tools     50.0       Color marking     Yes     Yes     No       Stump treatment     Yes     No     Stump treatment       Multi-tree-Andiding (MTH)     Yes     No     No       Steel rinbed feed rollers     Yes     No     No       St	FEEDING, TWO-WHEEL-DRIVE with steel feed rollers				
Maximum roller opening [mm]620760550DELIMBING [mm]Delimbing knives4 moving, 1 fixed, 1 fixed, 1 fixed, 2 fixed debarking toolsDelimbing diameter tip to tip460510340Delimbing diameter tip to tip460510340Maximum opening upper knives740800580Delimbing diameter tip to tip670870610HYPRAULIC SYSTEMCONTROL AND MEASURING SYSTEMCONTROL AND MEASURING SYSTEMColor marking282828Color markingYesYesNoNoNoStump treatmentYesYesNoMoint field rollersYesYesNoSteel rhubnali feed rollersYesYesNoSteel rhubnali feed rollersYesYesNoSteel rhubnali feed rollersYesYesNoSteel rhubnali feed rollersYesYesNoChair and saw-bar kitsYesYesNoChair and saw-bar kitsYesYesNoTotal for gaswNoYesNo	Gross feed force [kN]	857-cc motors: 31.1			
DELIMBING [mm]       Delimbing knives     4 moving, 1 floading, 1 fixed, 1 fixed, 1 fixed, 2 fixed debarking tools     2 fixed debarking tools       Delimbing diameter tip to tip     460     510     340       Maximum opening upper knives     740     800     580       Maximum opening upper knives     670     870     610       HYDRAULIC SYSTEM       28     28       Recommended pump capacity [l/min.]     260-380     320-380     260-340       CONTROL AND MEASURING SYSTEM       260-380     320-380     260-340       Control And measure [l/min.]     260-380     320-380     260-340     260-340       Control Control your local John Deere dealer.           Color marking     Yes     Yes     No        Stum treatment     Yes     Yes     No        Kulti-tree-handing (MTH)     Yes     Yes     No        Steel trubbad feed rollers     Yes     No         Steel trubbad feed rollers     Yes     No	Maximum feed speed [m/s]	4.5-6.0	4.5-6.0		5.0
Delimbing knives4 moving, 1 floating, 1 fixed4 moving, 1 fixed4 moving, 2 fixed debarking toolsDelimbing diameter tip to tip460510340Maximum opening upper knives740800580Maximum opening upper knives670870610HYDRAULIC SYSTEM570870610HYDRAULIC SYSTEM260-380320-380260-340CONTROL AND MEASURING SYSTEM560-380320-380260-340CONTROL AND MEASURING SYSTEM570580580CONTROL AND MEASURING SYSTEM580580580Contract your local John Deere dealer.580580580Offinanding (MTH)YesYesNoMulti-tree-handling (MTH)YesNo580Steel trubnali feed rollersYesYesNoSteel trubnali feed rollersYesYesNoSteel trubnali feed rollersYesYesNoChain and saw-bar kitsYesYesNoChain and saw-bar kitsYesYesNo <td>Maximum roller opening [mm]</td> <td>620</td> <td>760</td> <td></td> <td>550</td>	Maximum roller opening [mm]	620	760		550
I floating, I fixedI fixed2 fixed debarking toolsDelimbing diameter tip to tip460510340Maximum opening upper knives740800580Maximum opening lower knives670870610HYDRAULIC SYSTEM8706101Maximum operating pressure [MPa]282828Recommended pump capacity [I/min.]260-380320-380260-340CONTROL AND MEASURING SYSTEMFor adaptation, contact your local John Deere dealer.OPTIONAL EQUIPMENTColor markingYesYesNoStum treatmentMulti-tree-handling (MTH)YesYesNoMense feed rollersYesYesNoSteel ribbed feed rollersYesYesNoSteel ribbed feed rollersYesYesNoChain and saw-barkitsYesYesYesTop sawNoYesYesNo	DELIMBING [mm]				
Asimum opening upper knives740800580Maximum opening upper knives670870610HYDRAULIC SYSTEM870610Maximum operating pressure [MPa]282828Recommended pump capacity [I/min.]260–380320–380260–340CONTROL AND MEASURING SYSTEMFor adaptation, contact your local John Deere dealer.OPTIONAL EQUIPMENTColor markingYesYesNoStump treatmentYesYesNoMulti-tree-handling (MTH)YesNoMoMese feed rollersYesYesNoSteel ribbed feed rollersYesYesNoSteel ribbed feed rollersYesYesNoChain and saw-bar kitsYesYesNoChain and saw-bar kitsYesYesYesTop sawNoYesYesNo	Delimbing knives				
No of the sector670870610HYDRAULIC SYSTEM670870610HYDRAULIC SYSTEM282828Recommended pump capacity [l/min.]260–380320–380260–340CONTROL AND MEASURING SYSTEMFor adaptation, contact your local John Deere dealer.OPTIONAL EQUIPMENTColor markingYesYesNoStump treatmentYesNoMulti-tree-handling (MTH)YesNoNoMese feed rollersYesYesNoSteel ribbed feed rollersYesYesNoSteel ribbed feed rollersYesNoNoTireco chainYesYesNoChain and saw-bar kitsYesYesNoTop sawNoYesNo	Delimbing diameter tip to tip	460	510		340
HYDRAULIC SYSTEMMaximum operating pressure [MPa]282828Recommended pump capacity [I/min.]260-380320-380260-340CONTROL AND MEASURING SYSTEMFor adaptation, contact your local John Deere dealer.OPTIONAL EQUIPMENTColor markingYesYesNoStump treatmentYesYesNoMulti-tree-handling (MTH)YesNoNoMense feed rollersYesYesNoSteel thumbnail feed rollersYesYesNoSteel rolled feed rollersYesYesNoChain and saw-bar kitsYesYesNoChain and saw-bar kitsNoYesYesTop sawNoYesNo	Maximum opening upper knives	740	800		580
Maximum operating pressure [MPa]282828Recommended pump capacity [I/min.]260–380320–380260–340CONTROL AND MEASURING SYSTEMFor adaptation, contact your local John Deere dealer.OPTIONAL EQUIPMENTColor markingYesYesNoStump treatmentYesYesNoMulti-tree-handling (MTH)YesYesNoMense feed rollersYesYesNoSteel thumbnail feed rollersYesYesNoSteel tribled feed rollersYesNoNoChain and saw-bar kitsYesYesNoChain and saw-bar kitsYesYesNoTop sawNoYesYesNo	Maximum opening lower knives	670	870		610
Recommended pump capacity [l/min.]260–380320–380260–340CONTROL AND MEASURING SYSTEMFor adaptation, contact your local John Deere dealer.OPTIONAL EQUIPMENTColor markingYesYesNoStump treatmentYesYesNoMulti-tree-handling (MTH)YesYesNoMense feed rollersYesYesNoSteel thumbnail feed rollersYesYesNoSteel rollersYesNoYesSteel rollersYesYesNoSteel rollersYesYesNoSteel rollersYesYesNoSteel rollersYesYesNoSteel rollersYesYesNoSteel rollers <td< td=""><td>HYDRAULIC SYSTEM</td><td></td><td></td><td></td><td></td></td<>	HYDRAULIC SYSTEM				
CONTROL AND MEASURING SYSTEM     For adaptation, contact your local John Deere dealer.     OPTIONAL EQUIPMENT     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 rollers   Yes   Yes   No     Tireco chain   Yes   Yes   No     Chain and saw-bar kits   Yes   Yes   No     Hydraulic hose kit   No   Yes   No     Top saw   No   Yes   No   Yes	Maximum operating pressure [MPa]	28	28		28
For adaptation, contact your local John Deere dealer.     OPTIONAL EQUIPMENT     Color marking   Yes   Yes   No     Stump treatment   Yes   Yes   No     Multi-tree-handling (MTH)   Yes   Yes   No     Mense feed rollers   Yes   Yes   No     Steel thumbnail feed rollers   Yes   Yes   No     Steel rolbed 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	Recommended pump capacity [l/min.]	260–380	320-380		260–340
DPTIONAL EQUIPMENT     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   Yes   No     Tireco chain   Yes   Yes   Yes   No     Chain and saw-bar kits   Yes   Yes   Yes   Yes     Hydraulic hose kit   No   Yes   No   Yes     Top saw   No   Yes   No   Yes   No	CONTROL AND MEASURING SYSTEM				
Color markingYesYesNoStump treatmentYesYesNoMulti-tree-handling (MTH)YesNoNoMense feed rollersYesYesNoSteel thumbnail feed rollersYesYesNoSteel ribbed feed rollersYesNoNoSteel ribbed feed rollersYesNoNoSteel ribbed feed rollersYesNoNoSteel ribbed feed rollersYesNoNoChain and saw-bar kitsYesYesYesHydraulic hose kitNoYesNoTop sawNoYesNo	For adaptation, contact your local John Deere dealer.				
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 Yes No   Steel ribbed feed rollers Yes No No   Steel ribbed feed rollers Yes No No   Steel ribbed feed rollers Yes No No   Chain and saw-bar kits Yes Yes Yes   Hydraulic hose kit No Yes No   Top saw No Yes No	OPTIONAL EQUIPMENT				
Multi-tree-handling (MTH)YesNoNoMense feed rollersYesYesNoSteel thumbnail feed rollersYesYesNoSteel ribbed feed rollersYesNoNoSteel ribbed feed rollersYesNoNoSteel ribbed feed rollersYesYesNoChain and saw-bar kitsYesYesYesHydraulic hose kitNoYesNoTop sawNoYesNo	Color marking	Yes	Yes		No
Mense feed rollersYesYesNoSteel thumbnail feed rollersYesYesNoSteel ribbed feed rollersYesNoNoTireco chainYesYesNoChain and saw-bar kitsYesYesYesHydraulic hose kitNoYesNoTop sawNoYesNo	Stump treatment	Yes	Yes		No
Steel thumbnail feed rollersYesYesNoSteel ribbed feed rollersYesNoNoTireco chainYesYesNoChain and saw-bar kitsYesYesYesHydraulic hose kitNoYesNoTop sawNoYesNo	Multi-tree-handling (MTH)	Yes	No		No
Steel ribbed feed rollersYesNoNoTireco chainYesYesNoChain and saw-bar kitsYesYesYesHydraulic hose kitNoYesNoTop sawNoYesNo	Mense feed rollers	Yes	Yes		No
Tireco chainYesYesNoChain and saw-bar kitsYesYesYesHydraulic hose kitNoYesNoTop sawNoYesNo	Steel thumbnail feed rollers	Yes	Yes		No
Chain and saw-bar kits Yes Yes Yes   Hydraulic hose kit No Yes No   Top saw No Yes No	Steel ribbed feed rollers	Yes	No		No
Hydraulic hose kitNoYesNoTop sawNoYesNo	Tireco chain	Yes	Yes		No
Top saw No Yes No	Chain and saw-bar kits	Yes	Yes		Yes
	Hydraulic hose kit	No	Yes		No
DTHER ACCESSORIES	Top saw	No	Yes No		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. All product names featured in this brochure are registered trademarks of John Deere Forestry Oy.

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