


















# **Log Max**

HEADS ABOVE THE COMPETITION



2000T / 3000T / 4000T / 5000D / 6000V / 6000Twin / 7000C / 7000Twin  
E6 / 7000XT / 7000XT Fixed head / 7000XT Top Saw / 10000XT / 12000XT

## LEGEND ICONS

- |  |   |
|--|---|
|  Weight - incl. rollers   |  Type of feed rollers                    |
|  Height - to fellink link |  Max. opening between rollers            |
|  Minimum width            |  Max. full delimiting coverage           |
|  Saw units std/optional   |  Max. knife opening                      |
|  Max cut capacity          |  Feed motor - Pulling force - Feed speed |
|  Saw bar length           |  Hydraulic pressure                      |
|  Saw chain                |  Hydraulic flow                          |
|  Chain oil tank capacity  |  Rotator                                 |
|  |  Control system                          |



# OVER 40 YEARS OF SERVING THE GLOBAL FORESTRY INDUSTRY

OVER THE YEARS LOG MAX HAS BECOME ONE OF THE MOST SIGNIFICANT MANUFACTURERS OF SINGLE GRIP HARVESTING HEADS. THE SWEDISH FOREST INDUSTRY IS ON THE CUTTING EDGE OF TECHNOLOGY AND EQUIPMENT, THIS RESULTING IN OUR PRODUCT BEING SOLD AROUND THE WORLD.

## THE LOG MAX WAY TO SUCCESS

- A product of technical excellence and performance.
- The company is well-known and well-reputed in the industry.
- Well-experienced technical support and customer care.
- Concentrated work with ISO/quality assurance in every ongoing process.
- Continuous staff education regarding commitment and understanding of each customer's needs..

All together, this has made Log Max an established brand world wide.

The aim of everybody involved at Log Max, from the staff through to our partners and distributors, is to ensure that the professional loggers' choice of Log Max is based on satisfaction and quality.

Therefore state-of-the-art quality and competence to induce high productivity combined with a concern for a long term environmental awareness is our mission statement.

# SAW UNIT

## AN IMPRESSIVE NEW SAW UNIT - THE LOG MAX TRUE-CUT

THE LOG MAX 3000T, 4000T AND 6000V FEATURE THE FIRST GENERATION 318 TRUE-CUT AND 218 TRUE-CUT, BOTH SAWS HAVE A 19CC MOTOR, THE 318 HAS AUTOMATIC CHAIN TENSIONING THE 218 HAS MANUAL TENSIONING.

218  
318 TrueCut



The key component of the True-Cut system is the intelligent saw motor with integrated valving solutions for saw motor speed and saw bar control. The True-Cut saw maintains an almost constant chain speed of 40 m/s throughout the cutting cycle.

By locating the valve for motor speed control inside the motor it is able to react instantly to changes in motor speed and practically eliminate any over-revving that is seen in a conventional saw unit.

The True-Cut saw units also features a longer stroke cylinder and a higher resolution cutting control sensor. These additions provide for a more precise control of the saw bar resulting in maximized cutting performance and color marking precision.

The True-Cut is optimized at the factory and should not need any further setting changes in the field.

# 4 POINT MEASURING

## THE MOST ACCURATE DIAMETER MEASURING ON THE MARKET

LOG MAX IS THE ONLY MANUFACTURER WHO OFFERS OUR CUSTOMERS FOUR POINT MEASURING. THANKS TO THIS PATENDED MEASURING METHOD THE TREE IS CROSSED CALIPERED EVERY DECIMETER. THIS GIVES THE BEST POSSIBLE MEASURING RESULT, ALSO ON EXTREMELY OVAL TREES.



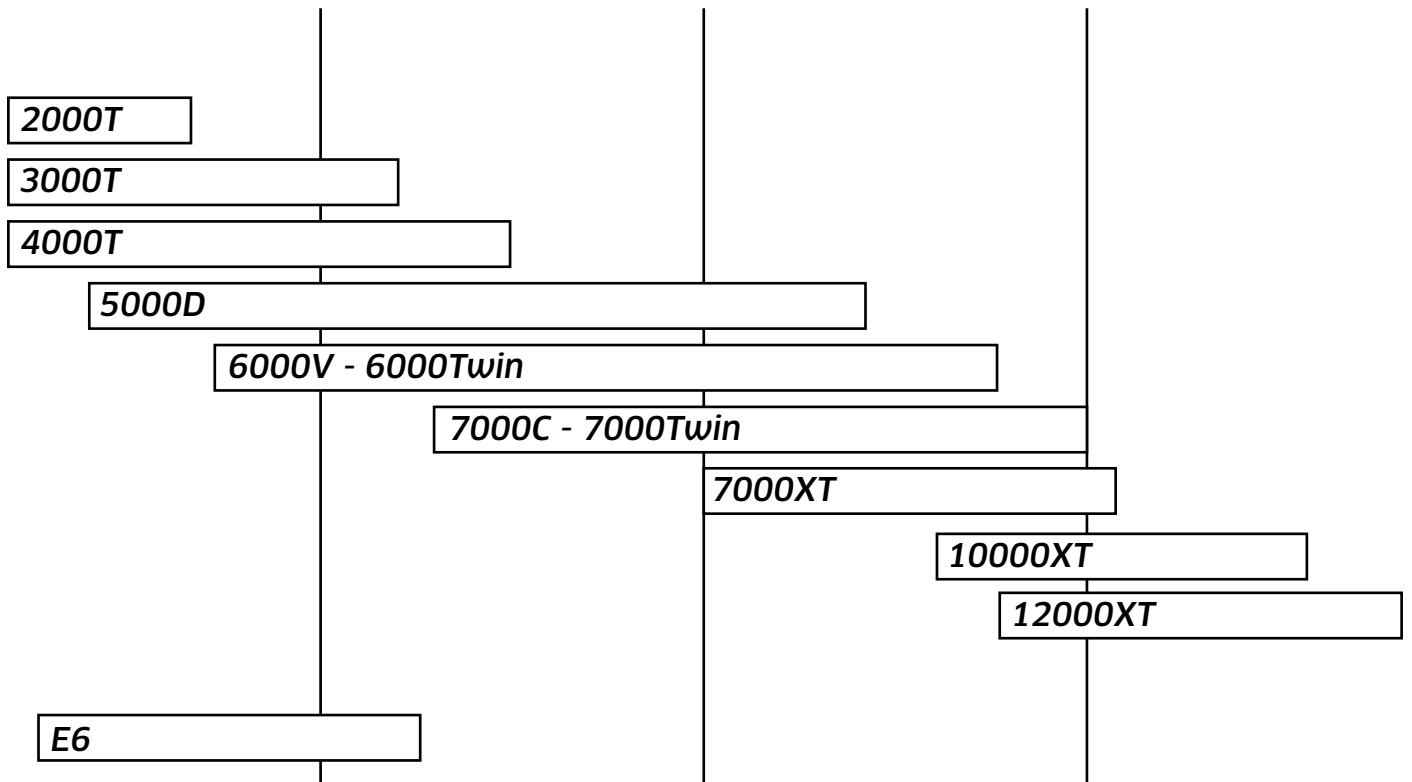
An intelligent design makes this accessory very reliable and almost maintenance free. The measuring sensor is mounted in the bottom knife and the signals are sent to the harvesters computer where they are summed up and presented.

Four point measuring is available for Log Max 4000, 5000, 6000 and 7000.



LOG MAX

# HARVESTING HEADS




















# LOG MAX 2000T

## A SMALL, FAST AND RELIABLE THINNING HEAD, NEW IN THE T-SERIES.

THE NEW LOG MAX 2000T IS A COMPACT HARVESTING HEAD THAT OFFERS EXCELLENT PERFORMANCE AND RELIABILITY. DEVELOPED FOR COMPACT HARVESTERS. 2000T HAS INCREASED PERFORMANCE AND DRIVABILITY COMPARED TO ITS PREDECESSOR.






-  420 kg / 925 lbs
-  108 cm / 42.5"
-  81,8 cm / 32.2"
-  Saw EasyCut - 10cc manual chain tensioning
-  max 41 cm / 16.4"
-  48 cm / 18.9"
-  0,404
-  4,5 litres / 1.18 gal.
-  V-Steel Soft Grip / V-Steel Hard Grip
-  32,9 cm / 12.95" between rollers
-  26,8 cm / 16.14" full delimiting
-  35,8 cm / 14.09" knives opening
-  280 cc - 14.8kN - 4,0 m/s  
17.08 cu.in - 3327 lbf - 13.12 ft/s
-  max 280 bar / max 4061 psi (recommended)
-  min 90 l/min, max 140 l/min  
min 23.77 us gal/min, max 37 us gal/min
-  Indexator GV 4 + 26 kg/57 lbs
-  Log Mate 510






6-28 cm  
2.4"-11"  
MOST PRODUCTIVE RANGE

## T SERIES

 6,5 - 13 tons  
 7 - 12 tons  
 40 - 60 kN

 Active Friction Control  
Prepared for Strump treatment  
Field repair kit  
Snow and dust cover  
Rotator Control

# LOG MAX 3000T


















## A COMPACT HAVERSTING HEAD WELL SUITED FOR LONG-REACH BOOM

LOG MAX 3000T IS A HEAD WELL SUITED FOR FIRST THINNING TO LIGHT REGENERATION HARVESTING JOBS.

HYDRAULICALLY DRIVEN BY TWO 398 CC RADIAL PISTON MOTORS, LOG MAX 3000T FEED ROLLERS OFFER ALMOST 2 TONS OF FEED FORCE.



## T SERIES

-  615 kg / 1355 lbs
-  132,5 cm / 52.16"
-  96,4 cm / 37.95"
-  Saw 218/318 True-Cut - 19cc  
218 manual chain tensioning / 318 auto chain tensioning
-  max 51,6 cm / 20.31"
-  60 cm / 23.6"
-  0,404
-  4 liters / 1.05 gal.
-  V-Steel Soft Grip / V-Steel Hard Grip
-  39,4 cm / 15.5" between rollers
-  30 cm / 11.8" full delimiting
-  45,6 cm / 17.95" knives opening
-  398 cc - 16,8kN - 4,2 m/s (364cc - 4,5m/s)  
24,28 cu.in - 3776 lbf - 13.7 ft/s
-  min 200 bar / max 250 bar for True/Cut  
min 2900 psi / 3625 psi for True/Cut
-  200 l/min for True/Cut  
53 us gal/min for True/Cut
-  Indexator AV4E1 + 32 kg/ 70 lbs  
Indexator AV12S + 56 kg/ 123 lbs  
Indexator H152 + 64 kg/ 141 lbs
-  Log Mate 510 - Forester

**Log Max**

6-30 cm  
2.4"-11.8"  
MOST PRODUCTIVE RANGE



TrueCut



11-18 tons



12-16 tons



100 - 120 kN



Active Friction Control

Automatic Chain Tensioner

Fixed protection plate

Field repair kit

Rotator control

Hose holder

Color marking

Find end sensor

Stump treatment

Snow and dust cover

**Log Mate**

**510**


















# LOG MAX 4000T

## A PROPER THINNING HEAD THAT IS POWERFUL AND FAST

LOG MAX 4000T HAS A LIGHT WEIGHT COMBINED WITH AN IMPRESSIVE POWER WHICH MAKES IT BOTH FLEXIBLE AND EFFICIENT.



## T SERIES

-  782 kg / 1721 lbs
-  142,6 cm / 56.14"
-  103,5 cm / 40,75"
-  Saw 218/318 True-Cut - 19cc  
218 manual chain tensioning / 318 auto chain tensioning
-  51,6 cm / 20.3" - 58 cm / 22.8"
-  60 cm / 23.6" - 67 cm / 26.4"
-  0,404
-  14 liters / 3.6 gal.
-  V-Steel Soft Grip / V-Steel Hard Grip
-  46 cm / 18.1" between rollers
-  35 cm / 13,78" full delimiting
-  53,2 cm / 20,9" knives opening
-  398 cc - 20.3kN - 5 m/s  
24,28 cu.in - 4563 lbf - 16.4 ft/s
-  min 230 bar / 250 bar for True-Cut / max 280 bar  
min 3335 psi / 3625 psi for True-Cut / max 4061 psi
-  min 140 - 200 l/min for True-Cut  
min 37 us gal/min / 53 us gal/min for True-Cut
-  Indexator AV12S + 56kg/ 123 lbs  
Indexator H152 + 64kg/ 141 lbs
-  Log Mate 510 - Forester

**Log Max**

8-35 cm  
3.15"-13.8"

**MOST PRODUCTIVE RANGE**



TrueCut



13-18 tons



13-20 tons



130 - 160 kN



Active Friction Control

Automatic Chain Tensioner

Fixed protection plate

Field repair kit

Rotator control

Four point measuring

Hose holder

Color marking

Find end sensor

Stump treatment

Snow and dust cover


Cylinder protection kit


# LOG MAX 5000D

## A VERSATILE HEAD, FROM THINNING TO MEDIUM FINAL CUT


LOG MAX HEADS ARE DESIGNED FOR INSTALLATION ON VARIOUS TYPES OF CARRIERS. LOW WEIGHT IS ESSENTIAL FOR CTL-METHOD WHICH MOSTLY REQUIRE WHEELED CARRIERS.



 889 kg / 1959 lbs


 148,3 cm / 58.35"

 105,9 cm / 41.69"

 Saw 98XL/Supercut - 19/30cc  
manual / manual / auto chain tensioning

 max 63 cm / 24.8"

 75 cm / 29.5"

 0,404


 20 liters / 5.2 gal.

 V-Steel Soft Grip / V-Steel Hard Grip

 51,9 cm / 20.4" between rollers


 41,5 cm / 16.33" full delimiting

 57,3 cm / 22.55" knives opening

 625 cc / 560 cc - 23,5kN / 21kN - 4 m/s  
4091 lbf / 3600 lbf - 13.1 ft/s

 min 200 bar - max 250 bar  
min 2900 psi - max 3625 psi

 min 165 l/min, max 230 l/min  
43 us gal/min, max 60 us gal/min

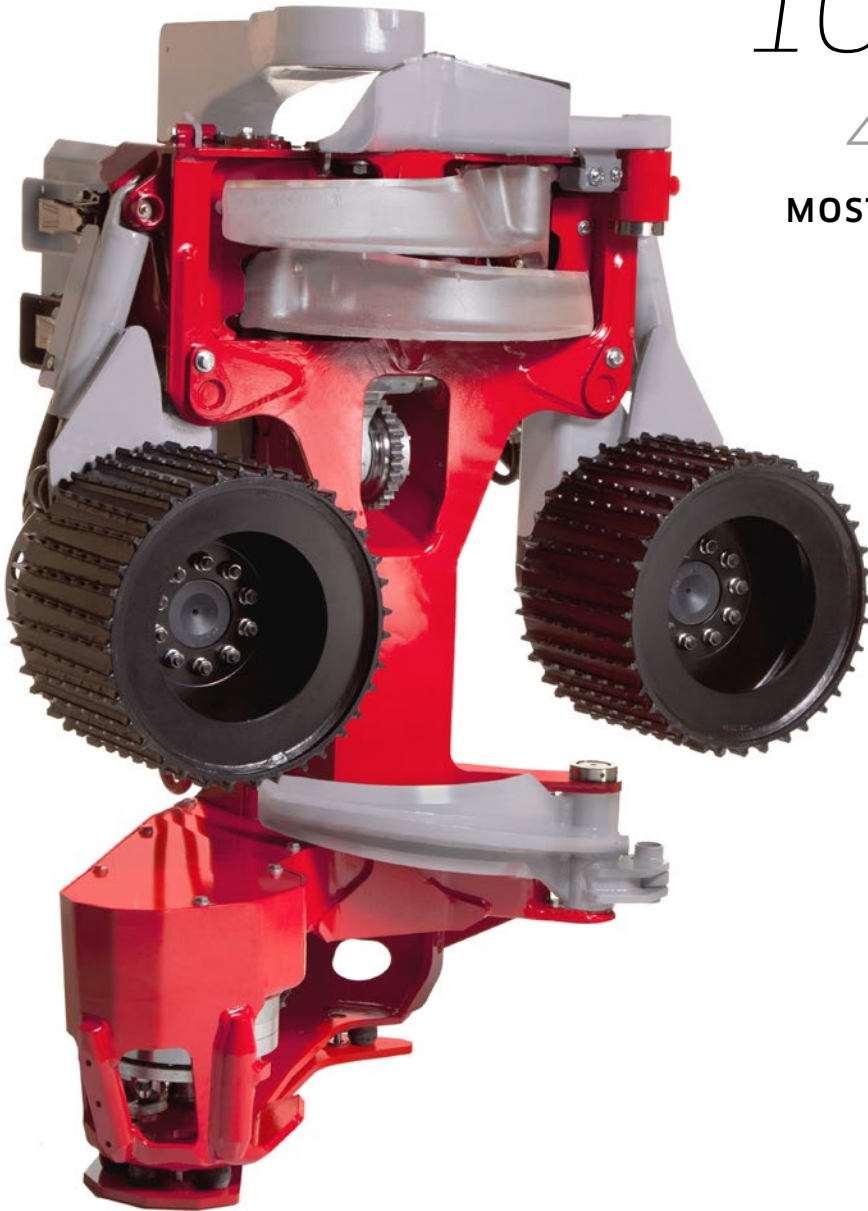
 Indexator AV12S + 56kg/ 123 lbs  
Indexator H152 + 64kg/ 141 lbs

 Log Mate 510 - Forester

**Log Max**

10-44 cm  
4"-17.3"

**MOST PRODUCTIVE RANGE**



15-20 tons



16-21 tons



140 - 170 kNm



Active Friction Control

Accumulation Kit

Automatic Chain Tensioner

Eucalyptus equipment

Fixed protection plate

Field repair kit

Four point measuring

HD protection kit

Rotator control

Hose holder

Color marking

Hydraulic upper knife

Find end sensor

Stump treatment

Snow and dust cover


















# LOG MAX 6000V

## HARD-WEARING DESIGN BASED ON DECADES OF IMPROVEMENTS

LOG MAX 6000V IS A VERSATILE HEAD SUITABLE FOR FINAL FELLING. THE NEW 6000V IS DEVELOPED TO SUIT YOUR NEEDS EVEN BETTER. IT COMBINES LOW WEIGHT WITH HIGH POWER AND IS ESPECIALLY DESIGNED FOR LARGE WHEELED CARRIERS.



**V** SERIES

-  1342 kg / 2958 lbs
-  168,2 cm / 66.2"
-  123,5 cm / 48.6"
-  Saw 218/318 True-Cut - 19 cc  
Saw 318 - 30 cc  
218 manual chain tensioning / 318 auto chain tensioning
-  65/71 cm / 25.5"/27.9"  
66/72 cm / 25.9"/28.3"
-  75/82 cm / 29.5"/32.2"
-  0,404
-  33 liters / 8.7 US gal.
-  V-Steel Soft Grip / V-Steel Hard Grip
-  62,5 cm / 24.6" between rollers
-  46,6 cm / 18.34" full delimiting
-  64,1 cm / 25.2" knives opening
-  857 cc - 26,3 kN - 5.0 m/s  
52 cu.in - 6294 lbf - 16.4 ft/s
-  min 250 bar, max 280 bar  
min 3625 psi, max 4061 psi
-  min 200 l/min, max 330 l/min  
53 us gal/min, max 87 us gal/min
-  Indexator AV17S + 62 kg/136 lbs  
Indexator H182 + 64 kg/141 lbs  
Indexator HX 30 + 71 kg/156lbs
-  Log Mate 510 - Forester



12-50 cm  
4.7"-19.6"

**MOST PRODUCTIVE RANGE**



TrueCut



18-22 tons



21-25 tons



170 - 210 kN



Active Friction Control

Accumulation Kit

Automatic Chain Tensioner

Eucalyptus equipment

Electrically controlled  
measuring wheel

Fixed protection plate

Field repair kit

Rotator control

HD protection kit

Hose holder

Color marking

Hydraulic upper knife

Find end sensor

Stump treatment

Snow and dust cover


XT kit


# LOG MAX 6000Twin

## TWIN BOTTOM DELIMBING KNIVES FOR OPTIMAL COVERAGE


LOG MAX 6000TWIN IS A LIGHT-WEIGHT HEAD SUITABLE FOR “LOW BRANCHES” FEATURING A TWIN BOTTOM KNIFE FOR OPTIMAL DELIMBING FROM THE LOWEST PART OF THE TRUNK TO THE TOP.



 1531 kg / 3375 lbs


 192,7 cm / 75.9"

 123,6 cm / 48.66"

 Saw 98XL/Supercut - 19/30cc  
manual / manual / auto chain tensioning

 65/72 cm / 25.5"/28.34"

 75/82 cm / 29.5"/32.3"

 0,404

 36 liters / 9.5 gal.


 V-Steel Soft Grip / V-Steel Hard Grip


 62,5 cm / 38.66" between rollers


 52,5 cm / 38.66" full delimiting

 64,1 cm upper / 78 cm lower knives opening  
25.2" upper / 30.7" lower knives

 934 cc/857 cc - 29 kN/26,6 kN - 3,9 m/s-4,2 m/s  
57 cu.in/52 cu.in - 6500/5980 lbf - 12,8 ft/s-13.7 ft/s

 max 260 bar / 4350 psi

 min 200 l/min, max 280 l/min  
53 us gal/min, max 74 us gal/min

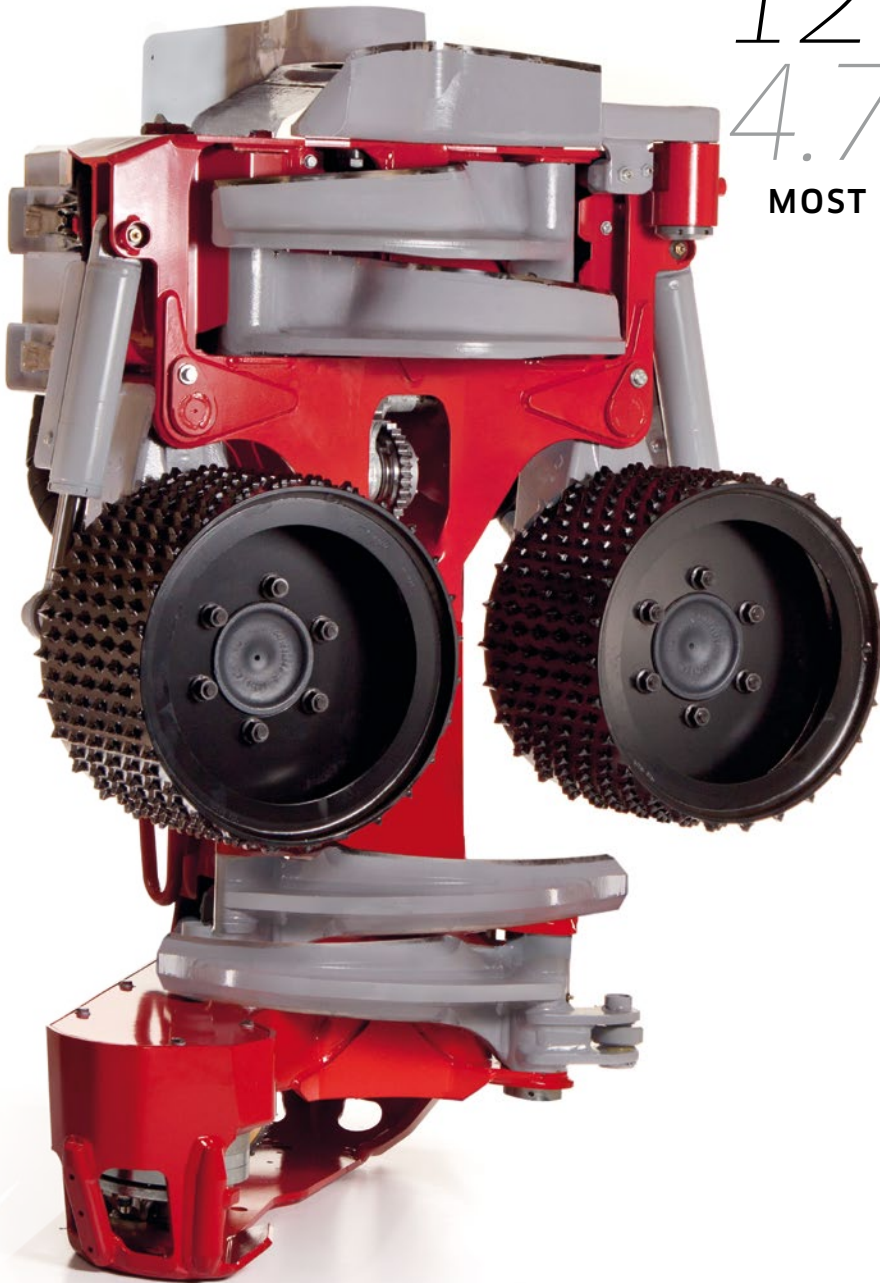
 Indexator AV17S + 62 kg/136 lbs  
Indexator H182 + 64 kg/141 lbs  
Indexator HX 30 + 71 kg/156lbs

 Log Mate 510 - Forester

**Log Max**

12-52 cm  
4.7"-20.5"

**MOST PRODUCTIVE RANGE**



18-25 tons



21-30 tons



170 - 240 kN



Active Friction Control

Accumulation Kit

Automatic Chain Tensioner

Field repair kit

Hose holder

Hydraulic upper knife

Find end sensor

Snow and dust cover

Cast felling link

Fixed protection plate


# LOG MAX 7000C


## RUGGED AND LIGHTWEIGHT FOR THE FINAL CUT


THE LOG MAX 7000C HARVESTING HEAD IS BUILT AROUND TOUGH FRAME AND COMBINES HIGH DRIVE POWER AND HIGH SPEED. THIS HEAD PERFORMS VERY WELL IN HEAVY AND BRANCHED TRUNKS



 1646 kg / 3628 lbs


 174,2 cm / 68"

 131,5 cm / 52.7"

 Saw 98XL/Supercut - 19/30cc  
manual / manual / auto chain tensioning

 65/72/75 cm / 25.5"/28.34"/29.5"

 75/82/90 cm / 29.5"/32.2"/35.4"

 0,404


 36 liters / 9.5 gal.


 V-Steel Soft Grip / V-Steel Hard Grip

 71,3 cm / 28" between rollers


 56 cm / 22" full delimiting

 77,2 cm / 30.4" knives opening

 1147 cc - 41,7 / 35,9kN - 5,3 / 3,9 m/s  
70 cu.in - 9374 lbf / 8070 lbf - 17.4 ft/s / 12.8 ft/s

 max 300 bar / 4350 psi

 min 200 l/min, max 300 l/min  
53 us gal/min, max 79 us gal/min

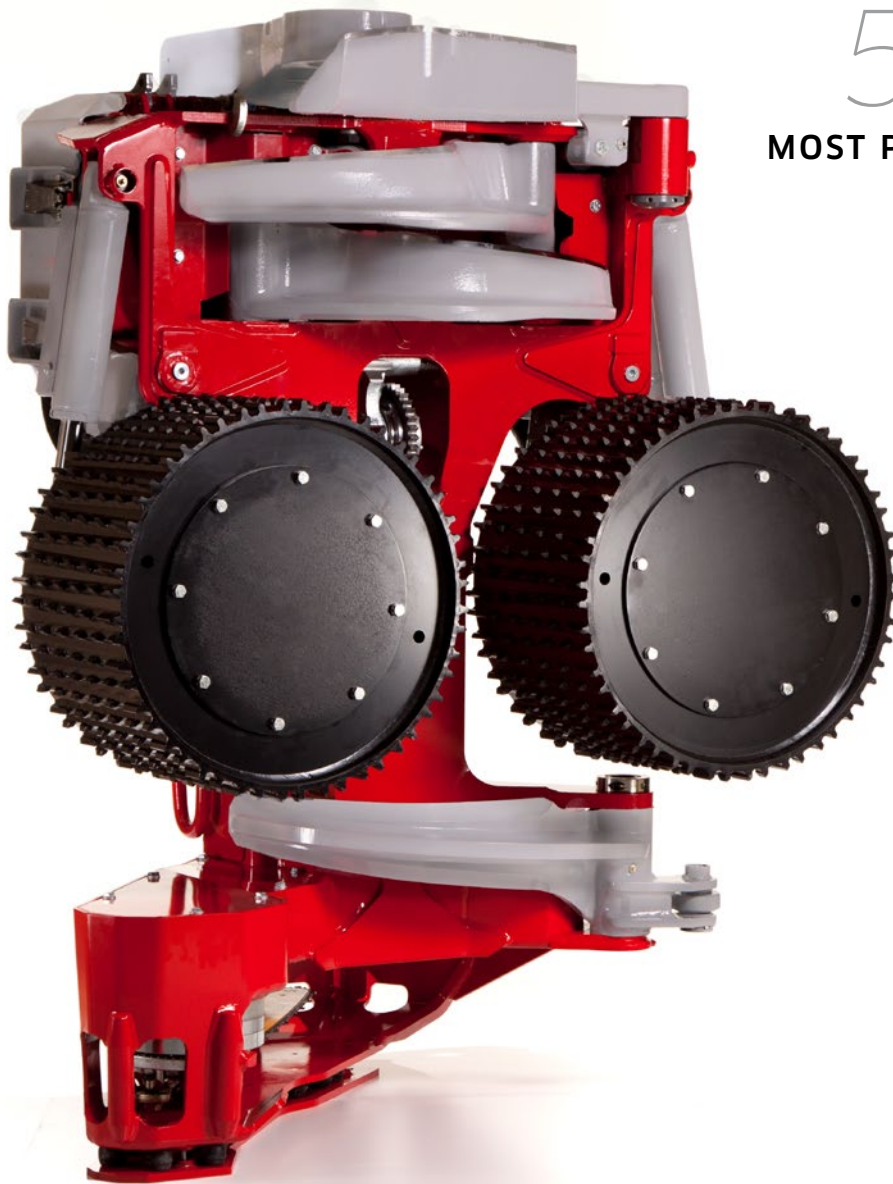
 Indexator AV175 + 62 kg/136 lbs  
Indexator H182 + 64 kg/141 lbs  
Indexator HX 30 + 71 kg/156lbs

 Log Mate 510 - Forester

**Log Max**

14-56 cm  
5.5'-22"

**MOST PRODUCTIVE RANGE**



18-25 tons



21-25 tons



200 - 300 kN



Active Friction Control

Accumulation Kit

Automatic Chain Tensioner

Eucalyptus equipment

Electrically controlled  
measuring wheel

Fixed protection plate

Field repair kit

Rotator control

HD protection kit

Hose holder

Color marking

Hydraulic upper knife

Find end sensor

Stump treatment

Snow and dust cover

Taimi Swiroll

# LOG MAX 7000Twin

## BETTER STEM COVERAGE - BETTER DELIMBING

THE LOG MAX 7000TWIN, FOLLOWING THE SUCCESS OF THE 6000TWIN, IS A NEW HEAVY-DUTY HEAD SPECIFICALLY ENGINEERED FOR LOW BRANCHED TREES.




 1892 kg / 4171 lbs


 196,7 cm / 77,16"

 131,5 cm / 38,66"

 Saw 98XL/Supercut - 19/30cc  
manual / manual / auto chain tensioning

 65/72/75 cm / 25.5"/28.34"/29.5"


 75/82/90 cm / 29.5"/32.2"/35,4"

 0,404


 42 liters / 11 gal.


 V-Steel Soft Grip / V-Steel Hard Grip

 71,3 cm / 28" between rollers


 52,6 cm / 20.66" full delimiting

 76,9 cm / 29.92" knives opening

 1147 cc - 41,7 / 35,9kN - 5,3 / 3,9 m/s  
9375 lbf / 8070 lbf - 17.4 ft/s / 12.8 ft/s

 max 300 bar / 4350 psi

 min 200 l/min, max 300 l/min  
53 us gal/min, max 79 us gal/min

 Indexator AV175 + 62 kg/136 lbs  
Indexator H182 + 64 kg/141 lbs

 Log Mate 510 - Forester

**Log Max**

16-57 cm  
6.2"-22.4"

**MOST PRODUCTIVE RANGE**



18-25 tons



21-30 tons



200 - 300 kN



Active Friction Control

Accumulation Kit

Electrically controlled  
measuring wheel

Field repair kit

Color marking

Hydraulic upper knife

Find end sensor

Stump treatment

Snow and dust cover

Taimi Swiroll


Cast felling link


# LOG MAX E6

## A PRODUCTIVE HARVESTING HEAD DEVELOPED SPECIALLY FOR EUCALYPTUS


IN EUCALYPTUS APPLICATIONS IT IS NECESSARY TO DEBARK THE TREE. TO BE ABLE TO DO THAT E6 IS EQUIPPED WITH FIVE DELIMBING KNIVES, SPECIALLY DEVELOPED FEED ROLLERS AND SPECIALLY ADAPTED HYDRAULICS.




 1609 kg / 3547 lbs


 192,7 cm / 75.9"

 127,8 cm / 38.66"

 Saw 98XL/Supercut - 19/30cc  
manual / manual / auto chain tensioning

 43/61 cm / 16.9"/24"

 64/75 cm / 25.2"/29.5"


 0,404

 36 liters / 9.5 gal.


 Eucalyptus

 63,4/56,3 cm / 25"/22" *between rollers*


 52,6 cm / 20.66" *full delimiting*


 61,1 cm / 24.05" knives opening  
22 cm / 8.66" *recommended debarking*

 627 cc - 22,3 kN - 5,9 m/s  
38 cu.in - 5013 lbf - 19.3 ft/s

 max 300 bar / 4350 psi

 min 200 l/min, max 280 l/min  
53 us gal/min, max 74 us gal/min

 Indexator AV17S + 62 kg/136 lbs  
Indexator H182 + 64 kg/141 lbs

 Log Mate 500 / 510 - Forester




**Log Max**












4-26 cm  
1.5"-10.2"

PRODUCTION RANGE

-  18-20 tons
-  21-25 tons
-  170 - 220 kN

-  Hydraulic upper knife
-  Fixed protection plate
-  Hose holder
-  Field repair kit

-  Taimi Swirol
-  Find end sensor
-  Cast felling link

# **AFC**

## **ACTIVE FRICTION CONTROL**

### **LOG MAX ACTIVE FRICTION CONTROL, FOR OPTIMAL LOG QUALITY**

The new generation floating top knife featuring Active Friction Control actively controls and adjusts the amount of friction between the log and the harvesting head's frame. There is no need to go out and change the settings by adjusting the unit, everything is now set automatically.

Low friction is desired as it leads to lower fuel consumption and heat generation. There is the exception of when delimiting heavily branched trees with small diameter limbs a higher friction minimizes the risk of simply bending them flat.

The harvester's computer is the brain of the Active Friction Control and based on your settings, and the Log Max head behaves optimally depending on tree species and diameter. For example, a thinning of pine and birch can act quite differently based on tree species.

Active Friction Control is available for all Log Max models, except E6.




















# LOG MAX 7000XT

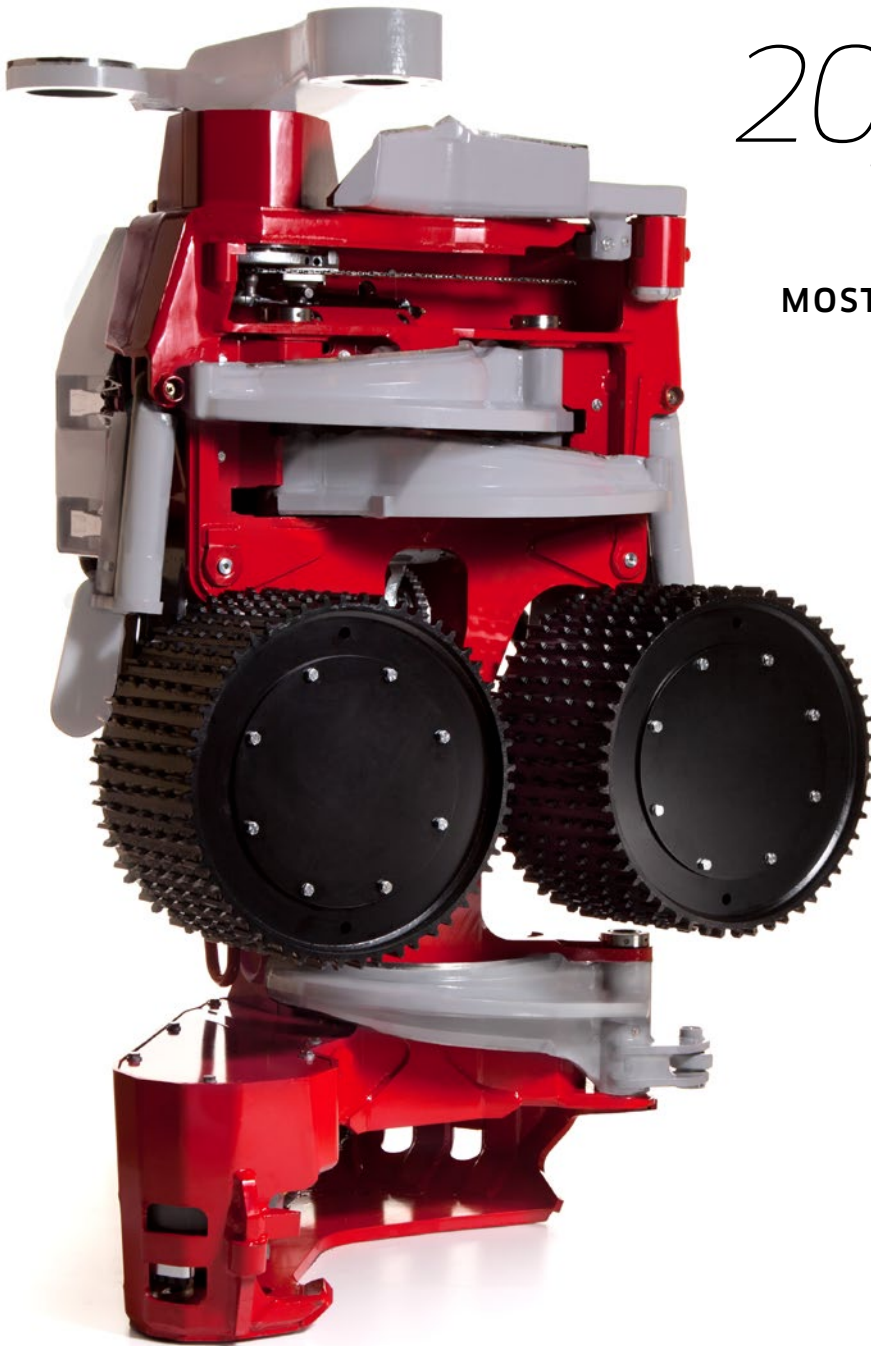
## A HIGH LEVEL OF PRODUCTION FOR PROFITABLE LOGGING

WITH ITS LARGE, HIGH-TORQUE FEED MOTORS, THE 7000XT GIVES YOU UP TO 45KN / 10,116-LB. OF FEED FORCE AND DELIMBING POWER. HIGH-FLOW HYDRAULICS PROVIDE INCREASED PERFORMANCE IN ANY APPLICATION AND THE TOUGHEST CONDITIONS.





## XT SERIES


-  1897 kg - 4182 lbs
-  193,7 cm - 76.26"
-  132,9 cm - 52.3"
-  411 XL 60cc - 518 30cc  
manual / manual / auto chain tensoning
-  65/72,5/80 cm - 25.5"/28.54"/29.7 (518)  
75,5 cm - 29.5" (411XL)
-  75/82/86/90 cm - 29.5"/32.2"/35.4" (518)  
90 cm - 34" (411XL)
-  0,404 (418 & 518) - 3/4" (411XL)
-  40 liters - 10.5 gal.
-  V-Steel Soft Grip / V-Steel Hard Grip
-  71,3 cm - 28" between rollers
-  56 cm - 22" full delimiting
-  77,2 cm - 30.4" knives opening
-  V12-60 - opt. MS11-1259 : 45 kN - 42.1 kN - 5,2/4,2 m/s  
10,100 lbf - 9460 lbf - 17 ft/s - 13.7 ft/s
-  max 320 bar - 4,641 psi
-  min 250 l/min, max 350 l/min  
66 us gal/min, max 92 us gal/min
-  Indexator H182
-  Log Mate 510



20-56 cm  
7.9'-22"

**MOST PRODUCTIVE RANGE**

 25-35 tons  
 200 - 350 kN

 Active Friction Control  
Electrically controlled measuring wheel  
Field repair kit  
Color marking  
Hydraulic upper knife


















Find end sensor  
Stump treatment  
Snow and dust cover  
Taimi Swiroll

# LOG MAX 7000XT Top

LOG MAX 7000XT TOP SAW HAS BEEN DESIGNED TO BE EXTREMELY DURABLE AND WITHSTAND REALLY TOUGH CONDITIONS. IT IS A POWERFUL HARVESTING HEAD WITH TWO SAW UNITS, DEVELOPED FOR TRACKED CARRIERS.



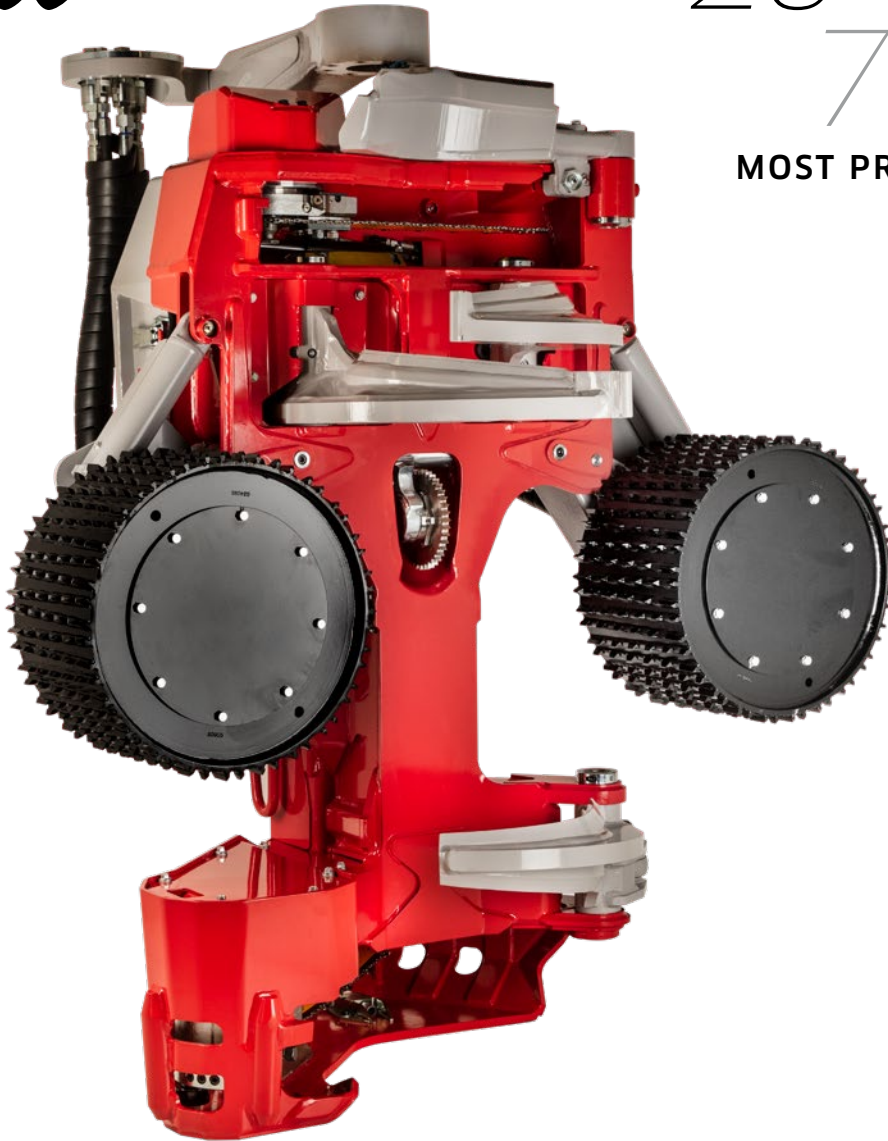
**XT** SERIES



-  2270 kg - 5004 lbs
-  220,6 cm - 7.24 ft
-  139,7 cm - 4.38 ft
-  Saw 611 - 60cc - 3/4" (manual tensioning)  
Top saw 318 - 30 cc (autol chain tensioning)
-  80 cm - 29.7"  
49 cm - 19.3"
-  91 cm - 35.8"
-  3/4" (611) - 0.404 (318)
-  40 liters - 10.5 gal.
-  V-Steel Soft Grip V-Steel Hard Grip
-  74 cm - 29.1" between rollers
-  50 cm - 19.6" full delimiting
-  73,2 cm - 28.8" knives opening
-  880-1320cc - 45kN - 10,100 lbf  
1259cc (opt.) - 42,1 - 9,500 lbf
-  max 320 bar - 4,641 psi
-  min 250 l/min, max 350 l/min  
66 us gal/min, max 92 us gal/min
-  Indexator H182
-  Log Mate 510


# Saw

20-56 cm  
7.9'-22"

**MOST PRODUCTIVE RANGE**



 25-35 tons  
 200 - 350 kN

 Active Friction Control  
Electrically controlled measuring wheel  
Field repair kit  
Color marking  
Hydraulic upper knife

Find end sensor  
Stump treatment  
Snow and dust cover  
Taimi Swiroll


















# LOG MAX 7000XT Fixed

## THE BEST PROCESSOR HEAD AVAILABLE FOR CONTROL FALLING AND BUNCHING

THIS FIXED MOUNT CONFIGURATION FROM LOG MAX UTILIZES THE DESIGN AND DURABILITY OF THE 7000XT SERIES AND GIVES THE OWNER/OPERATOR THE VERSATILITY OF CONTROL FALLING AND BUNCHING.



## XT SERIES

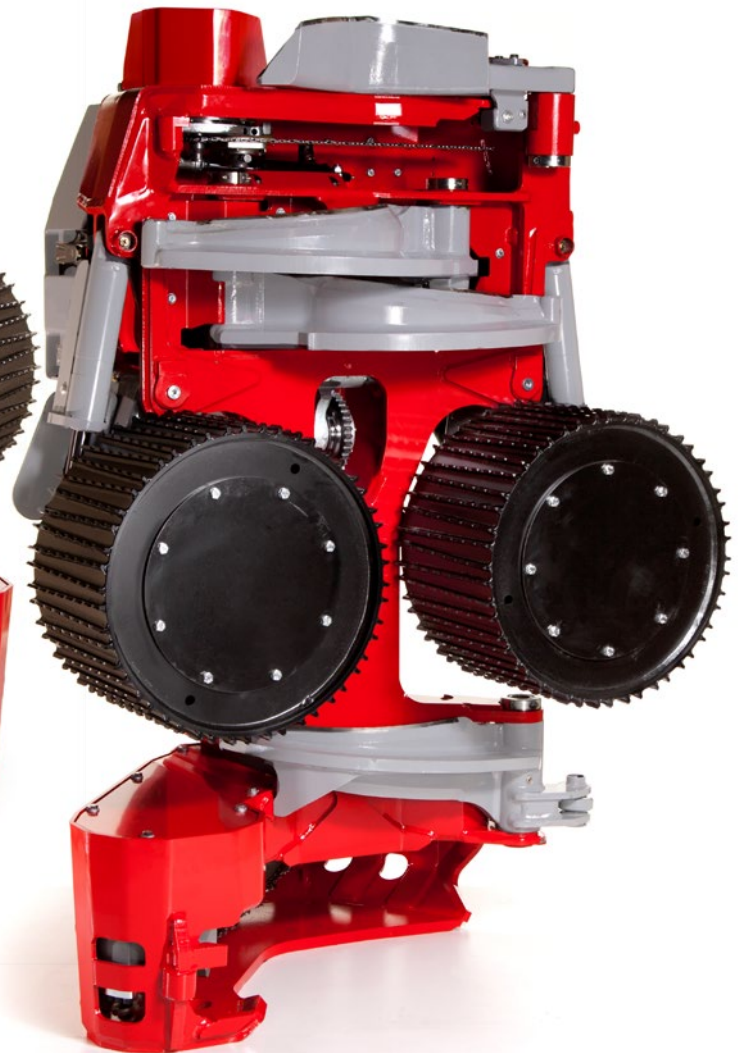
-  2036kg / 4488 lbs
-  193,7 cm - 217,6 (with Top Saw) - 76.26" - 85.6"
-  132,9 cm - 52.3"
-  Saw 418 30cc - 411 XL 60cc - 518 30cc  
manual / manual / auto c chain tensioning  
Top saw 98XL - 19 cc (manual chain tension)
-  65/72,5/80 cm - 25.5"/28.54"/29.7 (418 & 518)  
75,5 cm - 29.5" (411XL)
-  75/82/86/90 cm - 29.5"/32.2"/35,4" (418 & 518)  
90 cm - 34" (411XL)
-  0,404 (418 & 518) - 3/4" (411XL)
-  42 liters - 11 gal.
-  V-Steel Soft Grip V-Steel Hard Grip
-  71,3 cm - 28" between rollers
-  52,8 cm - 20,79" full delimiting
-  74,2 cm - 29,21" knives opening
-  V12-60 - opt. MS11-1259 : 45 kN - 42.1 kN - 5,2/4,2 m/s  
10,100 lbf - 9460 lbf - 17 ft/s - 13.7 ft/s
-  max 320 bar - 4,641 psi
-  min 250 l/min, max 350 l/min  
66 us gal/min, max 92 us gal/min
-  Rotation unit IMO + 215 kg/473 lbs
-  Log Mate 510





# ed Head

20-56 cm  
7.9"-22"

**MOST PRODUCTIVE RANGE**



 31-35 tons  
 240 - 350 kN

- ± Active Friction Control
- Electrically controlled measuring wheel
- Field repair kit
- Hydraulic upper knife
- Find end sensor


# LOG MAX 10000XT


## HIGH PRODUCTION AND RELIABILITY FOR EXTREME LOGGING


WITH INCREDIBLE DRIVE POWER AND DELIMITING QUALITY THE 10000XT IS A HIGHLY PRODUCTIVE HARVESTING HEAD. WHETHER YOU'RE WORKING AT A LANDING, OR FELLING AND PROCESSING AT THE STUMP.




## XT SERIES


 2878 kg - 6344 lbs


 233,9 cm - 92"

 138,6 cm - 54.8"

 Saw 411XL 60cc/418 30cc/518 30cc  
manual/manual /auto chain tensioning  
Top saw 98XL - 19 cc (manual chain tension)


 81/90 cm - 31.9"/35.4" (411XL)  
72,5/80 cm - 28.5"/31.5" (418 & 518)

 91/102 cm - 36"/40" (411XL)  
82/90 cm - 32.2"/35,4" (418 & 518)

 3/4" (411XL) - 0,404 (418 & 518)

 55 liters - 14.5 gal.


 V-Steel Soft Grip V-Steel Hard Grip


 81,3 cm - 32" between rollers

 58 cm - 22.8" full delimiting

 89 cm - 35.03" knives opening

 MS11-1404 - 45,8 kN - 4,2 m/s  
10,296 lbf - 13.7 ft/s

 max 320 bar - 4,641 psi



 min 300 l/min, max 380 l/min  
80 us gal/min, max 100 us gal/min

 Rotator Rotobec RT-500 + 200 kg/440 lbs

 Log Mate 510

25-64 cm  
10"-25.2"  
MOST PRODUCTIVE RANGE



 28 - 38 tons  
 200 - 300 kN

± Active Friction Control  
Electrically controlled measuring wheel  
Field repair kit  
Hydraulic upper knife  
Color marking

Find end sensor  
Debris / Snow protection  
Stump treatment  
Cylinder rod covers  
Taimi Swiroll

# LOG MAX 12000XT


## RAW POWER, FOR THE MOST EXTREME APPLICATIONS


THE LOG MAX 12000XT IS THE EXTREME DUTY HEAD FOR BIG TREE PRODUCTION, MULTI-STEM PROCESSING OF SMALLER SOFTWOODS OR PROCESSING CROOKED HARDWOODS.




## XT SERIES


 4266 kg - 9404 lbs


 248,2 cm - 97.7"

 156,3 cm - 61.5"

 Saw 411 XL 60cc - Top saw 98XL 19cc  
manual chain tensioning - manual chain tensioning

 89/102 cm - 35"/40"

 102/114 cm - 40"/45"

 3/4"

 70 liters - 18.5 gal.

 V-Steel Soft Grip V-Steel Hard Grip

 91,5 cm - 35.82" between rollers

 64 cm - 25.19" full delimiting

 95,5 cm - 37.4" knives opening

 MSE18 2209 cc - 60,8 kN - 3,2 m/s  
134 cu.in - 13,668 lbf - 10.5 ft/s

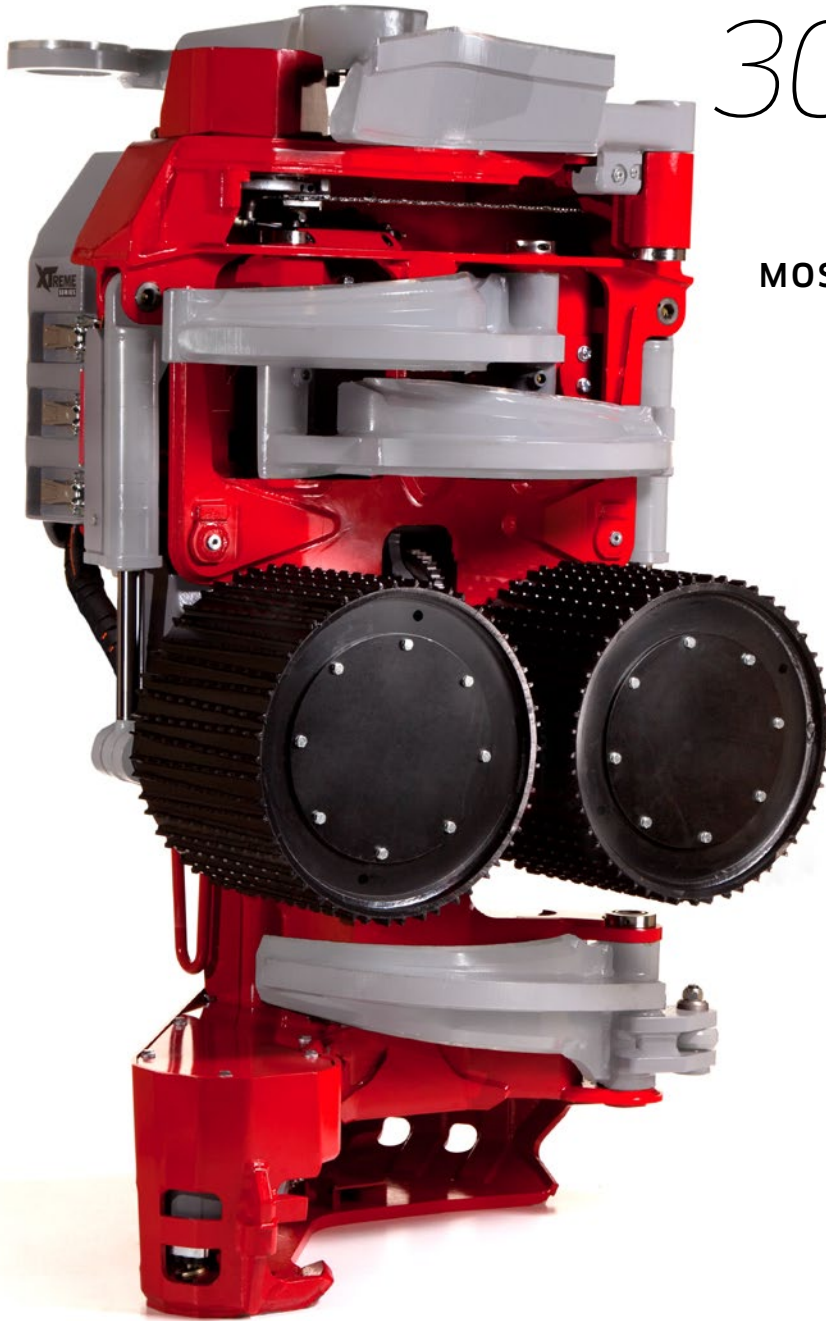
 max 320 bar - 4,641 psi

 min 400 l/min - 105 us gal/min

 Rotator Rotobec RT-500 + 200 kg/440 lbs



 Log Mate 510


**Log Max**



30-80 cm  
12"-32"

**MOST PRODUCTIVE RANGE**

 33 - 40 tons  
 350 - 430 kN

 Active Friction Control  
Electrically controlled  
measuring wheel  
Field repair kit  
Find end sensor

Rotator control  
Taimi Swiroll

# LOG MATE 510

THE RUGGED AND COMPACT LOG MATE 510 IS BUILT FROM HIGH QUALITY COMPONENTS. THIS STATE-OF-THE-ART CONTROL SYSTEM IS READY TO MEET THE FUTURE OF LOGGING. RUGGED HARDWARE.

## FEATURES:

- 10 inch wide-screen that can be mounted in landscape or portrait orientation.  
Makes it possible to better adjust the assembly depending on the base machine.
- Capacitive touch. Better control and response.
- Windows 10. Support for all new programs and services.
- Built-in WiFi och Bluetooth. Easy connection to mobile phones and other wireless equipment.
- Built-in GPS-reciever. No extra hardware required for basic positionIng.
- Simplified cabin instalation, just one module in addition to the computer
- Support for both discrete buttons and CAN bus control.
- Integrated security logic to meet ISO13849.
- Same effective harvesting head control and bucking as Log Mate 500.
- Built-in battery. No constant feed is required
- Built-in recovery software

## SOFTWARE:

- Support for both diameter prioritised bucking and full value bucking
- Full support for StanForD 2010 versions 2 and 3
- Automatic file export to several independent folders / services.
- Full support for operation monitoring \* (some features require communication with the base machine)
- Automatic backup function

## SOFTWARE OPTIONS:

- 4 Point Measuring
- Value bucking
- Operation follow-up
- GIS-software - Log Mate Navigator



## COMPUTER:

CPU: Intel Celeron® N2930 Quad Core 1.83 GHz

RAM: 4GB

HDD: 64GB SSD

Screen: 1920 x 1200 IPS LED display (700 nits) with capacitive touch.

OS: Windows 10 IoT Enterprise

Connectivity:

WiFi 802.11 a/b/g/n

Bluetooth 4.0

USB (1 x USB 3.0 on the computer, 6 x USB 2.0 on the cabin module)

3,5 mm headphone jack

Dimensions: 271.8 x 197.2 x 42.8 mm

# INTERFACES

**LOG MAX OFFERS THE NECESSARY INTERFACE TO RUN LOG MAX HEADS ON ALL HARVESTERS.**

## **Valmet interface**

The Valmet interface makes it possible to use Valmet carriers. It is applicable to the original Valmet control systems Maxi and VMM2000, from 1994 and onward. The Interface works as a converter, translating the signals between the systems in each direction.

### Advantages

- Easy to use
- Easy to install
- No electronic rebuilding of the carrier necessary
- CE-marked

## **John Deere / Timberjack Interface**

Take full control over your Log Max harvesting head on your Timberjack carrier equipped with the original Timberjack control system. John Deere / Timberjack Interface is developed for the best control together with Timbermatic.

### Advantages

- Easy to use
- Easy to install
- No electronic rebuilding of the carrier necessary
- CE-marked

## **Ponsse Interface**

The Ponsse Interface makes it possible to use Log Max harvesting heads together with Ponsse carriers. The Interface is compatible with Ponsse Opti and all settings and calibration is done with the Opti computer as usual.

The Ponsse Interface works together with many different accessories such as, color marking, stump treatment etc...

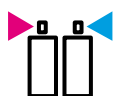
### Advantages

- No electronic rebuilding of the carrier necessary
- Easy to use
- Easy to install
- Pulse encoders for diameter measuring



# ACCESSORIES

**A VAST VARIETY OF ACCESSORIES ARE AVAILABLE FOR THE LOG MAX HARVESTING HEADS TO BEST MEET OUR CUSTOMERS' EVERY NEED.**



## Colour marking

To easier sort the timber after it is cut to length the color marking makes it possible to choose four different variations of marking.



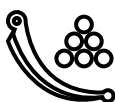
## Snow cover

Rubber cover that prevents snow or debris from stacking up between felling link and head protection cover.



## Find end sensor

Photo cell mounted in guard at the back of the saw box. Optically establishes end of cut logs eliminating need to cut a "pancake" to establish the end zero point when processing.



## Processor knives

Processor knives have a longer tip for easier handling when picking logs out of a deck.



## Rod Cover

Protects the rod on the wheel arm cylinders. Recommended on heads equipped with accumulation unit.



## Field repair kit

Field repair kit contains spare parts necessary for "simple" repairs on sensors, cylinders, EasyGreasy, saw, measuring wheel etc.



## Hydraulic upper knife

Hydraulically controlled upper knife, retractable from cab. Facilitates handling of logs when cutting with Full-Tree method, when debarking Eucalyptus and when working with timber with broken tops. Available for Log Max 5000, 6000 and 7000



## Hose kit

The Log Max hose kit contains one complete set of replacement hoses and hose protective covers. Available for all Log Max heads.

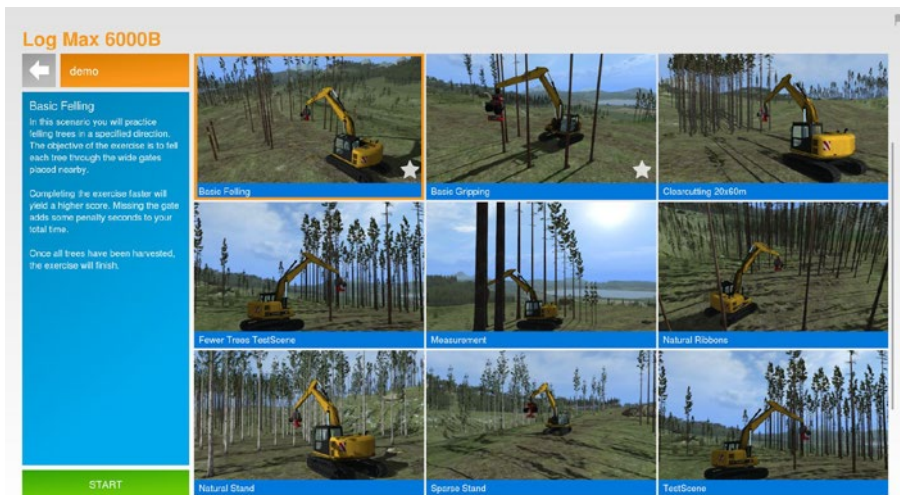


## Service kit

The Log Max service kit helps you to maintain both technical utility level and high quality of the processed logs. The service kits are used in Log Max interval service and contains wear parts for length measuring and stem control. The basic service kits comes in two interval versions, 2000h (small) and 4000h (large). Service kits are also available for four point measuring and multi stemming equipment.

# + SIMULATOR

**LOG MAX OFFERS VIRTUAL SIMULATOR TRAINING IN A LOW-STRESS ENVIRONMENT FOR TRAINERS AND TRAINEES, MORE IMPORTANTLY, SIMULATORS REDUCE IMPACT ON PRODUCTIVITY BY NOT USING ACTUAL MACHINES ON-SITE.**



## TRAINING SCENARIOS

Each scenario is either a specified exercise with a clear goal, or an unrestricted scenario where the goals are less defined.

Detailed information about the results is available in the statistics and by looking at the end-result screenshots in the Simulator Management System.



### BASIC GRIPPING

In this scenario you will practice control of the crane and harvester head. The objective of the exercise is to position the harvester head and grasp the tree at the height indicated by a semi-transparent cylinder



### ADVANCED GRIPPING

In this scenario you will practice more advanced control of the crane and harvester head. The objective of the exercise is to position the harvester head and grasp the tree at the height and orientation indicated by a semi-transparent harvester head. Once a correct grip is held the target will move to another tree.



### BASIC FELLING

In this scenario you will practice felling trees in a specified direction. The objective of the exercise is to fell each tree through the wide gates placed nearby. Once all trees have been harvested, the exercise will finish.



### ADVANCED FELLING

In this scenario you will further practice felling trees in a specified direction. The objective of the exercise is to fell each tree through the narrow gates placed nearby. Once all trees have been harvested, the exercise will finish.



### CLEAR-CUTTING 20X60 METERS

In this unrestricted scenario you start next to a grove, with a density suitable for clearcutting. The rectangular grove is 20 meters wide and 60 meters deep (65 x 200 ft). The width of the grove forces the driver to decide if he should drive along a straight line and use the crane at full length, or position the vehicle in favor of working with a less extended crane.



### **SPARSE STAND**

In this unrestricted scenario you start next to sparsely populated areas of birch, pine or spruce. The area is generally flat and easy to navigate. Any felling of trees marked with ribbons is tracked, allowing for a different exercise if they're taken into consideration.



### **NATURAL STAND**

In this unrestricted scenario you start next to a more naturally mixed forest, with a varying occurrence of each species. The terrain is more varied and must be taken into consideration.



### **NATURAL RIBBONS**

In this unrestricted scenario you start next to a marked patch of mixed forest, dominated by pine. The area is outlined by trees marked with ribbons. Any felling of trees marked with ribbons is tracked, allowing for an exercise where they're taken into consideration.



### **THINNING**

In this unrestricted scenario you start next to a dense grove, suitable for thinning. The rectangular grove is 18 meters wide and 40 meters deep (60 x 130 ft). It should be possible to reach most trees to the left and right of the machine if the machine drives down the middle. The density at start is around 1900 trees/ ha. A typical goal of this exercise is to remove approximately a third of the trees present.

## **AVAILABLE SETUPS**

The Log Max simulator is available in two setups, a desk mounted version or a fully integrated system.

The desktop version is delivered with adjustable desk clamps and a rugged carry case.

The integrated version features an industry standard seat. The controls are mounted to adjustable arm rests for a comfortable position in front of a 40 inch curved lcd display.



## **HANDLING**

Simulator is for indoor use only. Keep Simulator away from direct sunlight and moisture. Do not use Simulator in dusty environments.



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[WWW.LOGMAX.COM](http://WWW.LOGMAX.COM)

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2022-01 - Specifications may vary depending on equipment selected. We reserve the right to make changes in product specifications without prior notice.