



# ***Log Max 2000T***





# 2000T

## A small, fast and reliable thinning head

The new Log Max 2000T is a compact harvesting head that offers excellent performance and reliability. Developed for compact harvesters, the 2000T is the latest addition to our thinning heads series, T-series.

With these heads specially adapted hydraulics, you get a high-speed head both for feed speed and the saw unit.

### **MAXIMUM FEED**

You get a quick and powerful head through the improved hydraulics of 2000T.

### **EASY SERVICE**

2000T is built to make maintenance work as smoothly as possible.

### **STRONG DELIMBING KNIVES**

The design and castings of the 2000T are selected to maximize its service life.

# FEATURES

# 01

## HYDRAULICS



### 30% FASTER

2000T has increased performance and drivability compared to its predecessor 928A. It feeds at 4 m/s, which is an improvement of 30%. The 2000T's feed roller motors have a power of 280cc, which is less than its predecessor, which had 365cc.

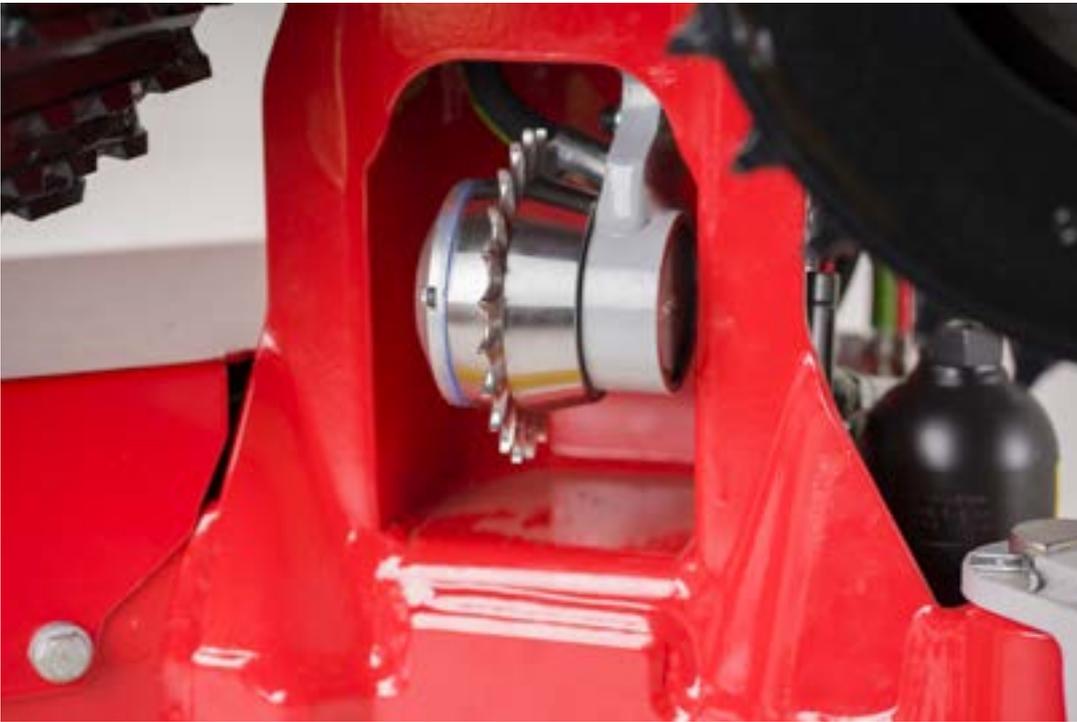
The main pressure is also adjusted, from 210 bar to 280 bar.

The smaller motor improves the feed speed while maintaining traction thanks to the increased pressure. The raised pressure also gives 30% more power to the saw.

### NEW HYDRAULIC CYLINDERS

The majority of the hydraulic cylinders are new on the 2000T. These changes provide increased quality and improved function.

The new hydraulic cylinders also have new robust seals to withstand tough working conditions. The saw bar feed cylinder has a locking nut for the adjustable rod end and a stronger attachment.



# 02

## MEASURING UNIT

### **NEW CONTACTLESS SENSOR**

The new sensor for the length measurement is contactless and has no mechanical moving components. That will result in minimal or even non-existent service and maintenance of this sensor.



### **SIMPLIFIED SERVICE OF THE BEARING UNIT**

The length measuring unit now has an easily accessible lubrication nipple to simplify service in your everyday work.

### **NEW MECHANICAL STOP**

A mechanical stop has been added to the length measuring arm to avoid using the measuring unit's cylinder as a brake in its inner position. This modification increases the lifetime of the cylinder.

### **AVOID MOISTURE IN THE DIAMETER SENSOR**

The diameter sensors have been updated with new bushings and seals to avoid moisture ingress.

## FEATURES



### EasyCut

**Log Max 2000T is equipped with a new saw unit named EasyCut.**

#### **NEW TENSIONER FOR THE SAW CHAIN**

The tensioner for the saw chain has been updated compared to its predecessor 928A to simplify service and maintenance. It was previously tightened with an Allen key but is now redesigned to fit a 7mm flexible screwdriver.

#### **NEW MOUNTING OF SAW SENSORS**

To facilitate the service of the head, you can now change the sensor and cable separately. The attachment has also been redesigned to make it easier to adjust the sensors.

# 03

## SAW UNIT

- The saw bearing is easier to lubricate via a new lubrication nipple. The new nipple gives the saw bearing an extended service life as you easily can lubricate it at more frequent intervals.
- The Easy Greasy cover is easier to attach. The new design makes it possible to mount cable and protection separately, simplifying the service.
- The cover of the saw box has been changed. The new design makes it easier to handle, and less debris accumulates while driving.
- The bar feed cylinder is updated with a piston rod that is no longer two-part and a lock nut that locks the adjustable rod end.



## FEATURES

# 04

## DELIMBING UNIT



### **NEW CASTING IN THE DELIMBING KNIVES**

There are entirely new castings in the delimiting knives at the 2000T, and the change will increase the strength and life span of the delimiting knives.

### **OPTIMAL KNIFE EDGE ANGLE**

All movable delimiting knives now have a new edge angle of 35° to improve delimiting.



### **NEW SCREW TO UPPER DELIMBING KNIFE**

The screw at the upper delimiting knife has been simplified to increase the service life. The new solution is now like on other Log Max heads.

# MORE...

## **BETTER HOSE ROUTING IN THE SAW BOX**

The pins for the lower delimiting knife and the saw bar feed have been given an updated attachment to the frame. It provides simplified service and at the same time avoids hose rubbing and wearing.

## **NEW SCREWS FOR RUBBER DAMPERS**

The type of screw for the rubber dampers on the damped protection plate has been replaced to increase durability. The change fixes the protective plate to the frame and extends the life of the rubber dampers. Another screw has also been added to the attachment; today, there are six screws.

## **SOLID PLATE MINIMIZES HOSE WEAR**

A new solid plate integrated into the frame has been developed to avoid pinched hoses when tilting the felling link. With the new solution, the durability of both hose and frame increases.

- The head has a new check-valve for saw chain oil to avoid oil spills when the head is in a transport position.
- The head now has the same oil cap as Log Max other units. Easy to open and close, which makes the maintenance easier.
- Extended filter inside the oil tank to make it easier to refill oil without spillage.
- The protective plates around the delimiting knives have new attachments that have been redesigned and reinforced.
- To prevent premature wear of the frame, a replaceable wear plate has been added below the measuring wheel hole.
- The feed rollers now have large drainage holes to both reduce the head's weight and avoid debris collecting in them. This modification reduces the weight by about 2 kg/wheel.
- Wiring and connectors placed in the saw box have been fitted with Deutsch- and M12 connectors. This change simplifies service, maintenance and troubleshooting.

# 2000T IN NUMBERS

## Dimensions and weight

Weight	430 kg
Min. width	818 mm
Max. width	1005 mm
Height to upper knife	1036 mm
Height to felling link	1038 mm
Max. full delimiting coverage	268 mm
Max. cutting diameter	410 mm
Min. opening between rollers, V-steel	11 mm
Max. opening between rollers, V-steel	329 mm
Max. opening between knives	358 mm

## Saw unit

Equipment	<b>Saw Easy-Cut</b>
Saw motor	10 ccm
Max. cutting Ø	410 mm
Chain speed	max 34 m/s
Saw bar standard	480 mm
Chain pitch	0.404
Chain sprocket	z9
Chain lubrication	Yes
Cutting control sensor	Yes
Stump treatment	optional
Chain oil tank	4,5 liter

## Felling

Felling movement	113°
Felling torque (hydraulic torque and weight torque)	1,3 kNm
Rotator	Indexator GV4 / Indexator AV4E
Rotator torque, max.	1,15 kNm / 1,15 kNm
Max. crane size, gross lifting torque	60 kNm

## Hydraulics

	280cc (standard)	364cc (opt.)
Max. flow, at working revs	140 l/min	140 l/min
Min. required flow, at working revs	90 l/min	115 l/min
Max. hydraulic pressure	280 bar	210 bar
Min hydraulic pressure	255 bar	190 bar

## Feeding

Motor type	Theoretical force @ 280 bar	True feeding force @ 280 bar & 0,8m/s	Feed speed @ 140l/min
280 cc (standard)	14,8 kN	14 kN	4,0 m/s @ 240 rpm
Motor type	Theoretical force @ 210 bar	True feeding force @ 210 bar & 0,8m/s	Feed speed @ 140l/min
364 cc (optional)	14,4 kN	13,5 kN	3,1 m/s @ 186 rpm

## Weights for standard equipment

Rotator Indexator GV4	27 kg
Rotator Indexator AV4E	32 kg



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