

**TH65 EUCA** **TH75 EUCA**

FOR OPTIMIZED HARVESTING  
AND DEBARKING



# LOGSET EUCA HEAD

**EXTREMELY DURABLE WITH EFFECTIVE DEBARKING**

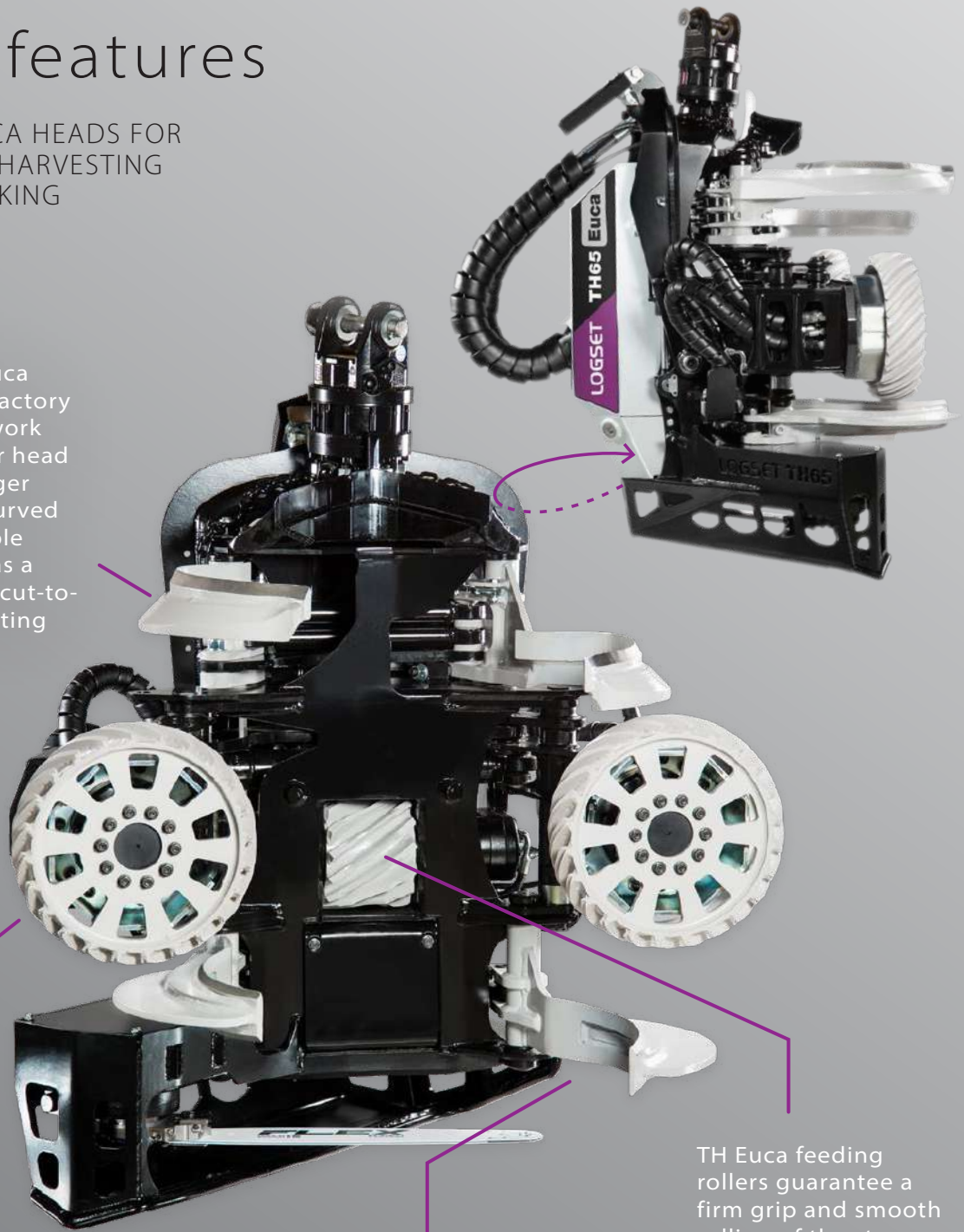
DEVELOPED IN SOUTH AMERICA WITH A VARIETY OF EUCALYPTUS SPECIES AND UNDER VARIOUS WEATHER AND SOIL CONDITIONS.

**LOGSET**  
SIMPLY BETTER

# New features

LOGSET EUCA HEADS FOR OPTIMIZED HARVESTING AND DEBARKING

The Logset Euca head can be factory mounted to work as a processor head featuring longer knives with curved tips and double cylinders, or as a conventional cut-to-length harvesting head.

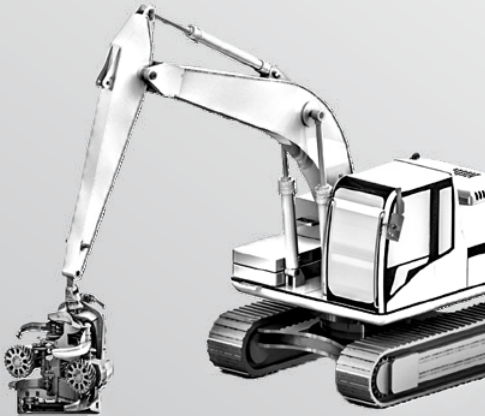


Length measuring integrated in the feeding rollers and magnetic diameter sensors, together with three-roller-concept, provide constant and reliable bucking, even with the most difficult timber or severe operating conditions.

Bark deflectors in the bottom knives for roadside processing.

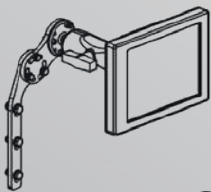
TH Euca feeding rollers guarantee a firm grip and smooth rolling of the stem, with minimum damage to the wood. The roller in the chassis chops and peels the bark and keeps the head clean.

**THE MDX 2 SET INCLUDES:**



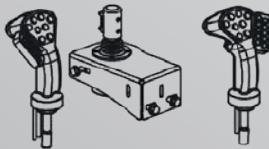
**Logset Euca head**

(Your choice of excavator base – not included)



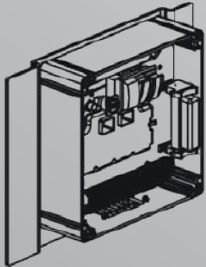
**Logset MDX 2 screen**

**SureGrip joysticks**



**Electrical wiring harness**

**Electric box**



**Rotator and Link**  
(can be ordered from Logset)

## Easy to install and operate

**LOGSET TH-HEAD SERIES** is supplied with Linux based Logset MDX 2 measuring device. This is a Logset product that has all needed features for efficient production even with a large variety of assortments.

**LOGSET MDX 2** comes with SureGrip joysticks. Production reporting, touch screen and a real time remote connection are provided as optional equipment. Logset MDX 2 is factory ready for hydraulic feeding pump control by analog mA or digital PWM-signal.

# Technical data

		TH65 EUCA	TH75 EUCA
<b>Dimensions</b>			
Width, head open	mm / in	1 530 / 60	1 700 / 67
Width, head closed	mm / in	1 250 / 49	1 370 / 54
Height to top knife	mm / in	1 380 / 54	1 500 / 59
Height incl. rotator and link	mm / in	1 750 / 69	2 030 / 80
Weight with rotator and link	kg / lbs	1 350 / 2 976	1 450 / 3 196
<b>Felling / Processing</b>			
Max. felling / processing diameter	mm / in	650 / 26	800 / 31
Saw bar	mm / in	750 / 29	820 / 32
Saw unit		SuperCut 100	
Saw motor	cm <sup>3</sup>	20	25
Saw chain tensioning		Hydraulic	
Chain oil tank volume	liter / gal	8 / 2	
<b>Hydraulic System</b>			
Max. pressure	bar / psi	280 / 4 060	
Flow required for optimal prod.	l / gal min	300 / 79	
Hydraulic Valve Block		Purpose built manifold	
<b>Feeding</b>			
Hydraulic motors feeding arms	cm <sup>3</sup>	680	
Hydraulic motos, chassis	cm <sup>3</sup>	315	
Number of hydraulic motors		4	
Feeding torque	kN / lbf	29 / 6520	
Feeding speed (300l / 79gal min)	m/s	5,8	
Max opening of feeding wheels	mm / in	620 / 24	740 / 29
<b>Delimiting / Debarking</b>			
Max. opening, upper knives	mm / in	700 / 28	780 / 31
Delimiting diameter tip to tip	mm / in	450 / 18	550 / 22
Number of static knives		1	
Number of movable knives		4	
Number of delimiting knife cylinders		1 or 2	
<b>Rotator</b>			
Indexator AV 14-17, Black Bruin BBR 15-16			
<b>Measuring Device</b>			
Logset MDX 2			
<b>Recommended base machine size</b>			
Wheel base		14-18t	18-22t
Track base		18-20t	20-23t
<b>Optional Equipment</b>			
Several additional options available. Please contact your local LOGSET dealer for further information.			



## Background

**LOGSET HARVESTER HEADS** have been processing Eucalyptus since 2017. The acquired experience from different Eucalyptus harvesting applications has enabled us to engineer new productivity and durability enhancing features to our renewed Euca heads.

**THE 2ND GENERATION** Euca head is a result of more than 1 500 hours of pilot runs in Brazil with a prototype head. Different species of Eucalyptus were processed under various weather conditions and soil types. During and between the tests, a variety of components and their combinations were tested in the head, to find the best match for optimized debarking and high productivity.

## Designed to last

**ALL LOGSET EUCA HEADS** are welded and assembled in Finland. We take pride in the welding work and the flawless machining that provides the basis for this high-quality equipment. The Logset harvesting heads are built using the best wear resistant steel. The box shape frame is designed to withstand the constant torsional forces during the stem processing, while keeping the overall weight of the head light. No welds are executed after the final machining of the head. Our large 150 degree tilt angle effectively eliminates mechanical stress caused by felling and processing big stems.

**“THE LOGSET HARVESTING HEADS ARE BUILT USING THE BEST WEAR RESISTANT STEEL.”**

**THE ROBUST PINS AND BUSHINGS** were designed to withstand the excess loads generated by crooked stems and thick branches. The sliding surface support plate is 20 mm (.079 inch) thick. The hose passages, the tilt arm and the positioning of the critical components are designed with easy service access. We have records of several heads passing the 20.000 hours milestone, by following our scheduled maintenance program.

### WHY CHOOSE LOGSET?

1. Logset Euca heads are durable and versatile. Their debarking capability is remarkable due to a state of the art three roller concept and specific Euca profile debarking knives. A Logset Euca head can be mounted to work as a processor head or as a conventional felling and cut-to-length harvester.
2. LOGSET MDX 2 measuring device has a user-friendly user interface. Access level and head parameters can be operator specific. The icon-based navigation in the program is easy and fast to learn.
3. The Logset Euca heads are built to last, designed with low maintenance cost and high productivity in mind. High feeding torque with minimum sliding friction contributes to fuel savings.

