

Log Max[®]

5000D



SINGLE-GRIP HARVESTING HEADS

Log Max 5000D

A real allrounder!

Log Max 5000D is an allround head for harvesting, ranging from thinning to medium final cut.

Well placed guards and heavy covers protect internal components and hoses from damage. High performance saw hydraulics provide full flow to the bottom saw for fast cutting.

The Log Max patented knife control system increases productivity by minimizing feed friction. Unique compound curve delimiting knife profile provides outstanding stem coverage and increased log quality.

Log Max 5000D can be equipped with Hultdins Supercut saw and an Accumulation Kit for multi-stemming.



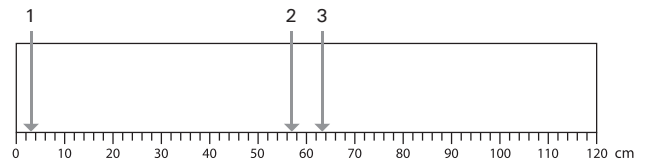
16–21 tons



15–20 tons



140–170 kNm



Most productive range

- 1. Min delimiting diameter
- 2. Max cutting diameter, std
- 3. Max cutting diameter, opt

Dimensions

Max width arms open	1375 mm
Min width arms closed	1063 mm
Height to upper rotator pin	1815 mm

Weight

Standard configuration ¹	946 kg
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¹ Incl. rotator, Steel rollers and damped protection plate

Felling/Cutting

Hydraulically driven chain saw with pressure controlled feed force. Chain oil tank in frame with 20 litres capacity.

Saw type	Saw 98B/98XL
Saw motor	F11-19 19 cc
Saw chain	0.404 pitch
Bar length, std/opt	64/75 cm
Maximum cut capacity std,opt	57/63 cm

Optional Saw:

Saw type	Hultdins Supercut
Saw motor, std/opt	19 cc/20 cc
Saw chain	0.404 pitch
Bar length, std/opt	64/75 cm
Maximum cut capacity, std/opt	57/63 cm

Sound effect level

L _{WA}	110 dB(A)*
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* The value is measured according to EN ISO 3744:2009 with an uncertainty of ±2 dB (A) under publication EA-4/16:2003. The value is measured when the saw cuts with maximum speed without any load.

Feeding

Two hydraulically driven rollers mounted directly on radial piston motors, 565 or 680 cc.

Feed roller diameter, FlexDrive	430 mm
Feed roller diameter, V-Steel	420 mm
Feed roller diameter, Steel	432 mm
Calculated feed force ¹ std,opt	21,3/25,6 kN
Calculated feed speed ²	4,2/3,5 m/sec
Maximum roller opening	515 mm
Minimum roller opening	15 mm

¹ Calculated at 250 bar pressure

² Calculated at 230 l/min flow

Delimiting

Four movable knives with patented positioning to minimize friction losses, which increases the active pulling force.

Max delimiting knife opening	573 mm
Max full coverage delimiting diameter ¹	415 mm
Min full coverage delimiting diameter	30 mm

¹ Note includes bottom knife

Hydraulics

Maximum pressure	250 bar
Maximum flow	230 l/min

Min. requirements for acceptable performance:

Flow	165 l/min
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Control system

Log Mate 402 with diameter and length measuring. Full system diagnostics and production reporting. 8 species with 20 programmable lengths per specie.

CabsWin is a Windows based control system certified for using the StanForD standard. Because it's PC based, you can simply add a GPS or Internet connection to it.

Electrical system

Voltage	24 Volts
Amps	10 Amp

Rotator

Indexator AV12S with 360° rotation
Indexator H132 with 360° rotation

Optional equipment

- Accumulation Kit
- Automatic Chain Tensioner (Hultdins Supercut)
- Color marking
- Fixed protection plate
- Eucalyptus Equipment
- Field repair kit
- Find end sensor
- Top Saw

Feed roller options

- V-Steel
- Steel
- Rubber
- FlexDrive
- Eucalyptus

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