



Eco Log Harvesters
550C | 560C | 570C | 580C | 590D



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Eco Log Harvesters are reliable, productive and developed to meet the performance and profitability demands of the forest industry. With a full range of five harvester models to choose from, Eco Log is the obvious choice for effective felling under a wide range of conditions!

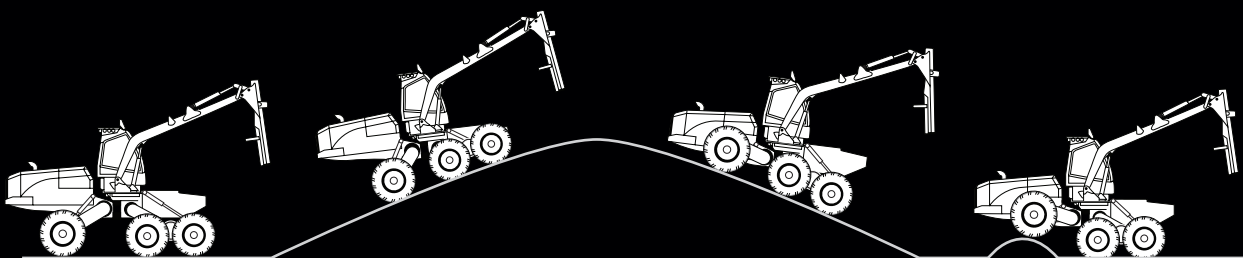
Proficiency Certified!



Pendulum arms

The unique pendulum arms suspension technology allows the machine to pass over and work in almost any terrain condition. The machine can easily work at +/- 25° sideways and +/- 15° longitudinally. Sideways, the leveling can be controlled automatically or manually while longitudinal leveling is regulated manually. The system facilitates maintenance and contributes a lot to the visibility and comfort of the operator. Also, thanks to the pendulum leveling action, the machine always maintains full loader swing torque.

Pendulum arms





① Different Control Levers available

② Comfortable Air Seat

③ Radio CD

④ Fire Suppression System

⑤ Air Conditioned

⑥ Phone

⑦ IQAN Machine Control System

The Control System offers excellent overviews such as the transmission circuit. The hydrostatic transmission is powered by 2 pumps and 4 Poclain hydrostatic drive motors. Product reliability is also guaranteed with NAF bogies for the six wheel-drive machines. Depending on the model, tractive effort ranges from 147 to 190 kN.

Cab and Control System



- 6.5" color TFT display
- Auto leveling
- Fan control
- Different languages available

⑧ Control and Measuring System

Dasa dxPC is a Windows-based control and measuring system using CabsWin software; is independent of the transmission system; and, is certified for use in the StanForD system. Thanks to the PC-based hardware, a number of features such as GPS, internet connection etc., can easily be added. The PC-platform also enables easy upgrading to meet Industry requests and demands.

- Easy-to-use graphical user interface
- Value and distributed cross-cutting
- Customizable automated head functions
- Fully automatic bucking or manual with presets
- Printable production reports
- Trouble-shooting and real-time on-screen monitoring
- Extensive stem profile data collection possibilities
- 6 species; 8 timber qualities; 15 price matrices/species; 20 length classes/species; numerous variables to fine-tune the harvester head behavior; detailed help files to explain each variable, if needed; and, more....

GPS Navigation



The optional FCGis gives the possibility to detect obstacles and restricted areas. Further, thanks to the felling detection and the accurate trip meter, the forwarder operator can, after transfer, easily organize and optimize his work.

Log Max Harvester Head



Log Max Harvester Heads

Log Max harvesting heads are known world-wide as high performing harvesting tools with an unsurpassed reliability. The patented delimiting knife control system provides friction-free, powerful feeding force; assures excellent timber quality; and, high productivity.

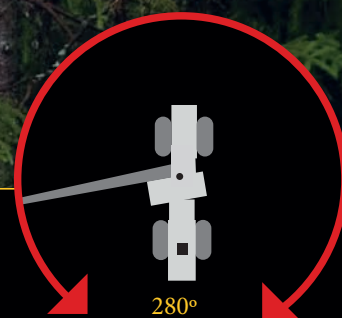


What are the advantages having the cabin swinging with the loader?

Crane

Lifting capacities from 180 kNm to 300 kNm. Also, depending on the models, different choices of reaches are available, from 9,5 m to 12,5 m. The crane functions are easily adjusted from the machine control system.

- Increasing comfort
- Increasing visibility
- Increasing accuracy
- Minimise machine movements, i.e the machine has better working area and reduces its fuel consumption.



280°



① **Hydrostatic Transmission 4WD or 6WD**

The Harvesters are available in 4WD or 6WD configurations; powered by Poclain hydrostatic motors; and, with NAF bogies in the 6WD version. All these components guarantee reliability and durability.

② **New double working pumps**

New double working pumps deliver maximum hydraulic flow which makes it possible to utilize full lifting torque and boom movements simultaneously with the harvester head, leading to higher efficiency and increased productivity.



③ Fan

The 12 blades Multi-Wing ensures optimum cooling thanks to its impressive 12 m/s air flow. The hub enables 3 fan speeds depending on working conditions. This new fan design promotes lower operating temperatures, less engine wear and lower fuel consumption. In addition the hydraulic cooler and condenser have been redesigned and the air flow optimised.

④ Mercedes-Benz engine

All harvesters are equipped with powerful 900 series Mercedes-Benz engines. The 900 series is certified Tier 3A and approved for 100% FAME/RME BIO DIESEL. The engine is electronically regulated, communicating via CANbus.

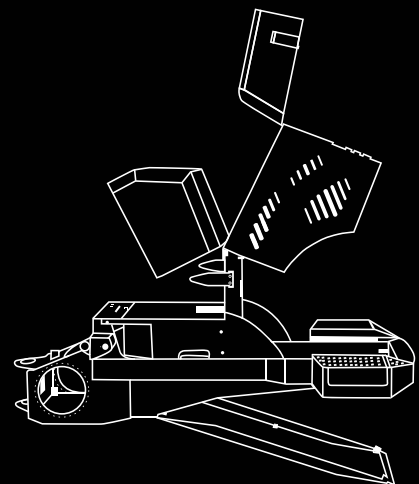
Serviceability



Eco Log Harvesters have built-in serviceability

Easy to access and integrated inspection and service points allows for quick and easy service. Essential components are built as modules which makes them easy to replace without having an effect on or needing to dismount other components.

The service friendliness of Eco Log machinery results in less downtime and by that a higher utilization and productivity.



Eco Log 550C

Eco Log 550C

The thinning specialist Eco Log 550C is the optimum harvester for all types of thinning. In dense thinning operations, the Eco Log 550C offers good visibility and comfort thanks to the side-mounted crane and the leveling chassis system. The operator maintains a good working posture during the complete shift and is able to keep a high production.

- 255 hp
- Lifting capacity 206kNm
- 2 x 105 cc hydrostatic pumps
- 147kN tractive effort
- 2 x 130 cc implement pumps
- Log Max 4000 or 5000
- 2820 mm wide



Eco Log 560C

Eco Log 560C

Eco Log 560C is hard to beat when it comes to first thinning or lighter final felling. More powerful transmission pumps together with the new larger differential valves provide very good manoeuvrability. The stability of the 560C makes it possible to choose from several optional cranes and harvester heads, all to suit the customer's best needs.

- 255 hp
- Lifting capacity 206 kNm
- 2 x 105 cc hydrostatic pumps
- 170 kN tractive effort
- 2 x 130 cc implement pumps
- Log Max 4000 or 5000
- 2989 mm wide



Eco Log 570C



Eco Log 570C

The 570C is a four wheel drive harvester, suitable for all jobs from first thinning to medium-size final cut. With the unique pendulum arm system, this harvester is capable of negotiating any terrain out there.

- 275 hp
- Lifting capacity 246 kNm
- 2 x 105 cc hydrostatic pumps
- 147 kN tractive effort
- 1 x 145 cc and 1 x 140 cc implement pumps
- Log Max 4000 or 5000
- 2910 mm wide

Eco Log 580C

Eco Log 580C

The six wheel drive Eco Log 580C harvester combines brute performance with excellent comfort. It is well suited for final felling or heavy thinning thanks to the dual hydraulic circuit. One implement pump for the crane and another one for the harvester head makes it possible to utilize full lifting torque and boom movements during the whole working cycle.

- 275 hp
- Lifting capacity 246 kNm
- 2x 105 cc hydrostatic pumps
- 170 kN tractive effort
- 1 x 145 cc and 1 x 140 cc implement pumps
- Log Max 5000 or 6000
- 2989 mm wide



Eco Log 590D



Eco Log 590D

The 590D is above the competition - as a matter of fact, its huge carrying capacity enables the Log Max 7000B to be installed. Moreover, the 590D is one of the most powerful wheeled harvesters ever built with 321 hp. The giant 590D acts gently on the terrain thanks to its pendulum arm leveling system and is a fast-producer with its double implement pump system.

- 321 hp
- Lifting capacity 300 kNm
- 2 x 125 cc hydrostatic pumps
- 190 kN tractive effort
- 1 x 190 cc and 1 x 180 cc implement pumps
- Log Max 6000 or 7000
- 2995 mm wide

*Eco Log Sweden AB
in Söderhamn*



Eco Log wants to have 100% customer satisfaction. Thus, all machines are assembled carefully and tested in forest before delivery. Furthermore, Eco Log offers an advanced Liaison Learning Program which is based on the best practices of logging exports from the world over.

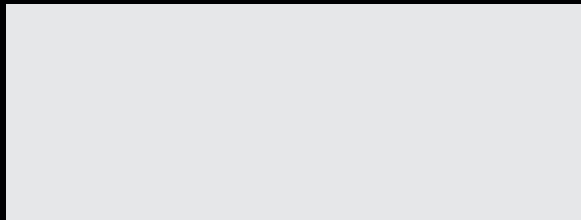
And of course, Eco Log's Professional Network works intensively in order to satisfy all modern forestry contractors around the world.

Eco Log – Test the Best!



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Some data presented in this document may be theoretical in nature.

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