



A new generation of harvesters. With everything extra.

The latest generation of Eco Log's 500 series has been equipped with everything extra. The model range gets its power from 218 to 320 hp Volvo Penta D8 engines and has been optimized for maximum operational reliability and efficiency.

The powerful crane with up to 310 kNm is one of the many features that helps you increase your production by up to 10%*.

Read more about our new generation harvesters at ecologforestry.com

+10%
approximate
increase in
production*

592l/min
min oil flow**

* Compared to competitors. Based on reported customer experience

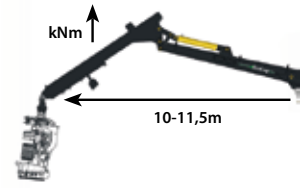
** Maximum flow for working hydraulics of 590.

Crane

550/560 | 255 kNm

580 | 270 kNm

590 | 310 kNm



SERVICE FRIENDLY

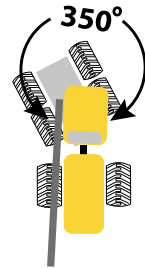
All components are easily accessible under the two large hoods at the rear of the machine. Most components are easy to disassemble and / or tilt.

POWERFUL ENGINES

Eco Log's harvesters in the 500 Series are powered by Volvo Penta D8 engines, which are characterized by high performance, reliability, fuel efficiency and low emission levels.



Turnable cabin

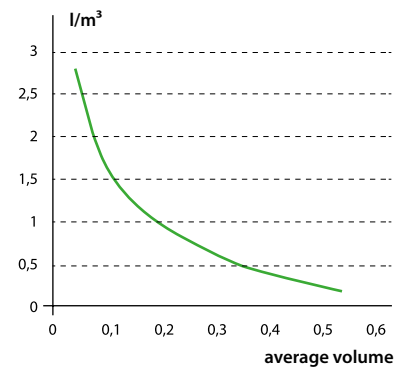


TURNABLE CABIN

The cabin can turn 350°.

- + Comfort
- + Accuracy
- + Visibility
- + Efficiency

FUEL CONSUMPTION



Measured fuel consumption for Eco Log 580 with Log Max 5000 and Volvo Penta D8 engine.



OPTIMIZED COOLING SYSTEM

A recirculation pump along with vertically positioned coolers optimizes the cooling capacity of the machine.



- Unique pendulum arms suspension technology.
- Tilt sideways $\pm 25^\circ$
- Tilt longitudinally $\pm 17^\circ$

* To make the 590 even more flexible in different terrain, it's available with a balanced bogie option.

UNIQUE PENDULUM ARMS

Eco Log's unique pendulum suspension provides the best possible accessibility and stability in demanding terrains.

Specifications



*Only with 10 m crane

**Only in market areas outside the EU, USA & Canada.

550

560

580

590

Dimensions				
Length, max (a), mm	7230	7402	7402	7767
Height, min/max (b), mm	3385-4528	3338-4464	3338-4464	3430-4820
Ground clearance (d), mm	145-1324	146-1191	146-1191	175-1260
Weight, kg	17500	19100	20200	21000
Engine, Volvo Penta				
Type	6 cyl. 870/850** - 7.7l	6 cyl. 871/851** - 7.7l	6 cyl. 872/852** - 7.7l	6 cyl. 873/853** - 7.7l
Stage/Tier	3a**/4	3a**/4	3a**/4	3a**/4
Gross power @ 2200 rpm, kW/hp	160/218	185/252	210/286	235/320
Peak torque, Nm (@ rpm)	1050 (1060)	1150 (1160)	1250 (1237)	1300 (1310)
Fuel tank volume, L	460	460	460	460
Transmission				
Hydrostatic	4 wd, 2 gears	6 wd, 3 gears	6 wd, 3 gears	6 wd, 3 gears
Tractive force, max, kN	155	172	172	190
Speed off-road/Speed on-road, km/h	0-7/0-14	0-7/0-15	0-7/0-15	0-5/0-12
Wheels				
Front, standard	600/65x34	600/55x26,5	600/55x26,5	700/50x30,5
Front, option	710/55x34	710/45x26,5	710/45x26,5	650/65x26,5
Rear, standard	600/65x34	600/65x34	600/65x34	710/55x34
Rear, option	710/55x34	710/55x34	710/55x34	710/70x34
Width, standard/option (c), mm	2606/2806	2790/2999	2790/2999	3077/2977
Steering				
Steering angle, °	±44	±44	±44	±44
Levelling				
Tilt angle front to back, °	±17	±17	±17	±16
Tilt angle side to side, °	±25,5	±25,5	±25,5	±25,5
Crane				
Reach, m	10-11,5	10-11,5	10-11,5	10-11
Gross lifting torque, kNm	255	255	270	310
Gross slewing torque, kNm	38	38	38	50
Slewing angle, °	350	350	350	350
Hydraulic system				
Crane pump, cc	140	140	140	180
Oil flow @ 1600 rpm for crane, l/min	275	275	275	288
Head Pump, cc	145	145	145	190
Oil flow @ 1600 rpm for harvester head, l/min	285	285	285	304
Working pressure, MPa	25	25	25	26
Hydraulic tank volume, L	232	232	232	274
Electrical system				
Voltage, V	24	24	24	24
Batteries, Ah	2x145	2x145	2x145	2x145
Alternator, A	130	130	130	130
Number of lights	20	20	20	20
Alternatives	Halogen, xenon or LED	Halogen, xenon or LED	Halogen, xenon or LED	Halogen, xenon or LED
Harvester head				
Log Max	4000/5000*	4000/5000	5000/6000*	6000/7000*

Product specifications, configurations, dimensions and weight of the machines may depend on any optional equipment selected. Standard and extra equipment may vary from country to country. Eco Log Sweden AB reserves the right to make changes in product specifications and design without prior notice. Photos, diagrams, and sketches do not always show the standard model machine, thus pictures and text are not contractual. Note: Data regarding fuel consumption have been obtained from test machines in Scandinavia and must be used with caution because fuel consumption depends on many unmeasurable factors, the values cannot be considered as contractual.