

Harvester 688E



Challenge gravity with Eco Log 688E

Eco Log 688E is an eight-wheel harvester, specially designed for work in steep terrain, which minimizes ground pressure when working on sensitive ground.

With the powerful Volvo Penta engine, combined with its versatility and flexibility, the Eco Log 688E is ready for your toughest job.

Read more about our harvesters at ecologforestry.com

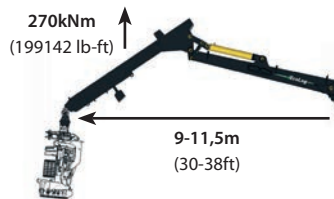
200kN
(44962 lbf)
traction

4,1N/cm²
(5,9 lbf/inch²)
ground pressure*

* May vary depending on equipment.



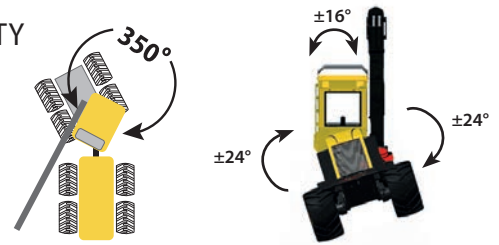
CRANE EC260



EXCELLENT VISIBILITY AND HIGH STABILITY

The driver cabin is for a full 350 degrees, which provides a nearly unbeatable overview over your working area.

The Eco Log 688E now has even better stability in the middle and improved steering of the tilt plate, resulting in very high mobility and stability.



Some of the benefits of Eco Log 688E

- Specially designed for working in terrain
- Minimizes ground pressure on sensitive ground
- Powerful Volvo Penta D8 engines
- Three turnable motors available as an option
- New hoods increase serviceability
- Improved mid-area stability
- Improved control of tilt plate
- Updated operator cab and service platform

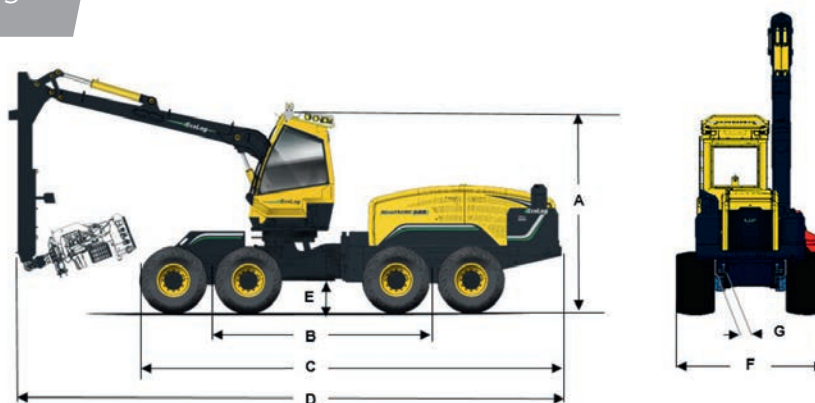


POWERFUL MOTORS

Eco Logs Harvesters are powered by Volvo Penta D8 engines, characterized by high performance, reliability, fuel efficiency and low emission levels.



Specifications



Dimensions

Approximate weight, kg (lbs)	23000 (50706)
Height (A), mm (in) – Transport configuration	3835 (151)
Height (A), mm (in) – Working configuration	4210 (166)
Length (B), mm (in)	4530 (178)
Length (C), mm (in)	8570 (337)
Length (D), mm (in)	11065 (436)
Ground clearance (E), mm (in)	650 (26)
Width (F), tires 710 800, mm (in)	2940 3000 (116 118)
Width (F), tires 710 800, mm (in) – SteepHunter	3000 3060 (118 120)

Engine

Type	VOLVO PENTA D8 872, 7.7l
Stage	Tier 4f, Euromot 4 ⁽¹⁾
Power@ 2200 RPM, kW (hp)	210 (286)
Torque@ 1237 RPM, Nm (lb-ft)	1250 (922)
Fuel tank, l (gal US)	460 (122)

Transmission

Type	Hydrostatic mechanical
Approximate tractive effort, kN (lbf)	200 (44962)
Maximum speed, km/h (mph)	20 (12)

Hydraulic

Implement pump for crane, cc (cu in)	140 (8,5)
Oil flow @1600 rpm for crane, l/min (gal US/min)	275 (73)
Implement pump for Harvester head, cc (cu in)	145 (8,8)
Oil flow @1600 rpm for harvester head, l/min (gal US/min)	285 (75)
Pressure, Bar (psi)	250 (3626)
Hydraulic tank, l (gal US)	200 (53)

Wheels

Standard	8 wheels 710/45 - 26.5"
Option	8 wheels 800/40 - 26.5"

⁽¹⁾ Version Euromot 3a available for exportation to countries where legislation permits.

⁽²⁾ 70kN (51629 lb-ft) theoretical value in the configuration with 3 swing motors – optional.

⁽³⁾ Log Max 7000 is only available with 9 meter crane reach.

Cabin

Rotation, °	350
Tilt sideways, °	±16
Pitch front rear °	19 12
Seat	BeGe 7000 (Standard) – BeGe 3000 (Optional)
Miscellaneous	Touch screen control unit 7", Radio Bluetooth® MP3 with USB port, Manual tilt, Oven, 12 and 24 volt outputs

Crane

Lifting force, gross, kNm (lb-ft)	270 (199142)
Reach alternatives, m (ft)	9 / 10 / 11 / 11.5 (30 / 33 / 36 / 38)
Slewing torque, gross, kNm (lb-ft)	50 / 70 ⁽²⁾ (36878 / 51629 ⁽²⁾)

Steering

Steering angle, °	43
Rotation joint, °	±24

Electrical system

Voltage, V 24	24
Generator, A	130
Battery capacity, Ah	2 x 145

Bucking system

Name	Forester
Processor clock speed	Intel® Core™ i3 Mobile, Sandy Bridge Processor
Internal memory	4 GB DDR3 1333 / 1066 MHz
Serial ports	4x Serial ports, 4x LAN, 6x USB ports (2x USB 2.0 / 4x USB 3.0), 1x Cfast slot, 1x DVI-I, 1x VGA, Audio: Line-in, Line-out, Mic-in
Color display	Wide touch screen 15,6"
Operating system	Windows 8 Professional

Working lights

Amount	20
Type	LED

Harvester head

Log Max 5000, Log Max 6000 or Log Max 7000 ⁽³⁾

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