



Light machines for low-impact forwarding

Eco Log's smaller forwarders, with load capacities from 9.4 to 13.8 tons (8.5 to 12.5 metric tons), allow for low-impact, efficient, and profitable forestry in all types of terrain. These forwarders are ideal for sensitive or soft forest floors and harsh weather conditions, when they can navigate terrain inaccessible to other machines.

Thanks to their low weight, great stability, and superb mobility, Eco Log forwarders have everything you need for effective forwarding with the environment always high on the agenda.

Read more about
our forwarders at
ecologforestry.com

High
load index

Good
visibility



HIGH CLEARANCE ANGLE

The forwarders' short engine hood provides a high clearance angle, enabling you to easily traverse inclines, ditches, or steep terrain with minimal risk of the nose scraping the ground. Together with the narrow cab, the short engine hood also offers the operator exceptionally good visibility of the entire work area.



LOW FUEL CONSUMPTION

The focus in both the design and the choice of materials has been to manufacture efficient and lightweight forwarders. This has resulted in light machines with low fuel and energy consumption, a high load index, and low forest impact that make their way through the woods with minimal ground damage even in sensitive and soft terrain. The forwarders are highly stable thanks to the bunk design, which ensures that the load ends up low down, giving the machine a low center of gravity.



Loader

FC8 (tilt) | 87 kNm | 7,4 m 9,2 m
 FC12 (tilt) | 120 kNm | 8,5 m 10 m
 C50F | 76 kNm | 8,6 m
 C60F | 82 kNm | 8,6 m
 S110F (tilt) | 143 kNm | 8,6 m 10,1 m
 59F (tilt) | 78 kNm | 7 m 8,5 m

Light & flexible



Eco Log 1050F



Eco Log 1250F



BOGIE LIFT

The optional bogie lift for the cab section gives you a flexible machine with wheels that can be raised by means of a cylinder. When the front wheel set is raised, the machine's turning radius is minimized, enabling it to make very tight turns and navigate between trees with great agility. The rear wheel set can also be raised, which is handy for avoiding driving on public roads with chains when relocating the machine.



LOAD AREA (m²)

750

load carrier	
LC30	3,0 m ²
LC31	3,1 m ²



1050

load carrier	
LC37	3,7 m ²
LC40	4,0 m ²

1250

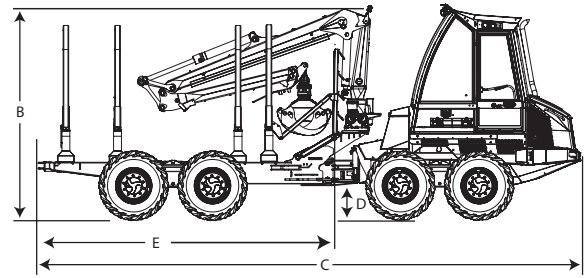
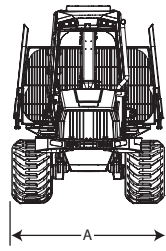
load carrier	
LC46	4,6 m ²
LC49	4,9 m ²

ACTIVE BOGIE

The Eco Log 1250 has an optional active bogie function, which together with the bogie lift takes forwarding to another level. Active bogie combines an unbalanced bogie with hydraulic balancing, which automatically optimizes traction and ground pressure depending on ground conditions and incline.

On flat, sensitive ground, the bogie is unbalanced, which means that the wheels closely follow the terrain without creating unnecessary ground pressure. This allows the machine to work efficiently with minimal energy losses and low fuel consumption while avoiding unnecessary ground damage. In steep terrain, the bogie is automatically hydraulically balanced, with the wheels striving to move downward to ensure optimal ground pressure, thereby creating enough traction for the machine to easily climb slopes and steep inclines without rearing up.

Specifications


EcoLog®
750F
1050F
1250F

Load capacity, kg (lbs)	8500 (18739)	10500 (23149)	12500 (27558)
Dimensions			
Weight, kg (lbs)	11 000 (24251)	12 500 (27558)	16 500 (36376)
Width (A), mm (in)	2 400 ⁽¹⁾ (94) ⁽¹⁾	2 580 ⁽¹⁾ (102) ⁽¹⁾	2 840 ⁽¹⁾ (112) ⁽¹⁾
Height (B), mm (in)	3570 (141)	3660 (144) - FC8, 3500 (138) - tilt	3820 (150)
Length (C), mm (in)	8160 (321)	8240 (324)/ 8925 (351)	9293 (366)/ 9693 (382)
Ground clearance (D), mm (in)	577 (23)	577 (23)	620 (24)
Length loading bay (E), mm (in)	3602 - 4004 (142-158)	3852 - 4549 (152-179)	4039 - 5342 (159-210)
Approach angle, °	33,5 (38 boggie lift)	32,5 (37 boggie lift)	39,5
Engine			
Type	4-cyl. Cummins - B4,5 I	4-cyl. Cummins - B4,5 I	6-cyl. Cummins - B6,7 I
Fulfills emission requirements of	EU Stage V, US EPA Tier 4(f)	EU Stage V, US EPA Tier 4(f)	EU Stage V, US EPA Tier 4(f)
Power, kW (hp)	119 kW (160)	129 kW (173)	149 kW (200)
Torque, Nm (lb-ft)	622 (459) at 1500 rpm	780 (575) at 1500 rpm	990 (730) at 1300 rpm
Capacity, fuel tank, l (gal US)	123 (32)	123 (32)	200 (53)
Transmission			
Type	Hydrostatic-mechanical	Hydrostatic-mechanical	Hydrostatic-mechanical
Tractive effort, kN (lbf)	120 (26977)	140 (31473)	180 (40466)
Speed, km/h (mph) low gear	8,3	8,3	8,3
Speed, km/h (mph) high gear	20 (12)	20 (12)	20 (12)
Hydraulics			
Pump, cc (cu in)	Linde HPR-02 - 105cc (6,4)	A10 - 110 cc (6,7)	A11 - 145cc (8,8)
Pressure, bar (PSI)	190 (2756)	235 (3408)	235 (3408)
Hydraulic tank, l (US gal)	130 (34)	130 (34)	185 (49)
Wheels			
Standard	500/60-22,5"	600/50-22,5"	710/45-26,5"
Option	-	710/40-22,5"	600/55-26,5"
Loader			
Lifting force, kNm (lb-ft) / reach alternatives, m (ft) - Cranab FC8 (Tilt)	-	87 (64168) / 7.4 (24), 9.2 (30)	-
Lifting force, kNm (lb-ft) / reach alternatives, m (ft) - Cranab FC12 (Tilt)	-	-	120 (88507) / 8.5 (28), 10 (33)
Lifting force, kNm (lb-ft) / reach alternatives, m (ft) - Epsilon C50F	76 (56055) / 8.6 (28)	-	-
Lifting force, kNm (lb-ft) / reach alternatives, m (ft) - Epsilon C60F	-	82 (60480) / 8.6 (28)	-
Lifting force, kNm (lb-ft) / reach alternatives, m (ft) - Epsilon S110F (Tilt)	-	-	143 (105471) / 8.6 (28), 10.1 (33)
Lifting force, kNm (lb-ft) / reach alternatives, m (ft) - Mesera 59F (Tilt)	-	78 (57530) / 7(23), 8.5 (28)	-

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⁽¹⁾ With standard wheels.