

590D



Technical specifications

Dimensions:

Length, max	299 "	7600 mm
Height, min/max	131.5 / 174 "	3341 / 4414 mm
Width over front wheels	118 / 121 "	2995 / 3070 mm
Width between front wheels	66 "	1670 mm
Width over rear wheels	118 / 119 "	2995 / 3020 mm
Width between rear wheels	63 "	1610 mm
Ground clearance, min/max	8 - 50 "	205 - 1278 mm
Wheel base, max	159 "	4035 mm
Weight	46 300 lbs	21 000 kg

Engine:

Type	Mercedes-Benz OM 926LA	
Displacement	439 cu.in	7,2 L
Gross power @ 2200 rpm	322 hp	240 kW
Peak torque @ 1300-1600 rpm	959 lb-ft	1300 Nm
Fuel tank volume	106 gal	400 L

Transmission:

Hydrostatic, 6 wd, 3 spd		
Tractive force, max	42700 lb-ft	190 kN
Speed off-road	0 - 4.3 mph	0 - 4 km/h
Speed on-road	0 - 9.3 mph	0 - 12 km/h

Tires:

Front	700/50x30,5	
Rear	710/55x34	
Option	650/60x26,5 Front	

Steering:

Steering angle	± 44 °
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Levelling:

Tilt angle fore/aft	± 15 °
Tilt angle side to side	± 25 °

Crane:

Reach, std/opt	33 - 36 ft	10 - 11 m
Gross lifting torque	221270 lb-ft	300 kNm
Net lifting torque	125390 lb-ft	170 kNm
Gross slewing torque	35100 lb-ft	47,6 kNm
Slewing angle	280 °	

Hydraulic system:

Pump crane	11 cu.in	180 cm ³
Pump harvester head	11.6 cu.in	190 cm ³
Flow crane @ 1500 rpm	71 gpm	270 l/min
Flow harvester head @ 1500 rpm	75 gpm	285 l/min
Working pressure	3770 psi	26 MPa
Hydraulic tank volume	66 gal	250 L

Elektrikal system:

Voltage	24 V	
Batteries	2x145 Ah	
Alternator	2x80 A	
Working lights, Xenon (opt)	19x35 W	
Working lights, Halogen.(std)	29x70 W	

Harvester head:

Log Max	6000/7000
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Specifications subject to change without further notice.

Eco Log Sweden AB
Box 84, Norra Hamngatan 41, SE-826 22 Söderhamn, Sweden
Tel: +46 (0) 270-429500, Fax: +46 (0) 270-429537, www.eco-log.se

