

E85

Excavators

Specifications

D	1000011	
Performance		
Maximum NET torque (ISO 9249)	241.0 Nm	
Maximum NET power (ISO 9249)	44.3 kW	
Displacement	3319 cm ³	
Number of cylinders	4	
Fuel	Diesel	
Make / model	Yanmar / 4TNV98C-VDB8	
Engine		
Ground pressure with rubber tracks	38.20 kPa	
Additional weight for long dipperstick	60 kg	
Additional weight for steel tracks	112 kg	
Operating weight	8540 kg	
Weights		

Digging force, dipperstick (ISO 6015)	43900 N
Digging force, long dipperstick (ISO 6015)	36600 N
Digging force, bucket (ISO 6015)	64700 N
Drawbar pull	64700 N
Travel speed, low range	2.7 km/h
Travel speed, high range	4.7 km/h

Hydraulic System	
Pump type	One engine-driven tandem axial piston pump and one engine-driven gear pump
Piston pump capacity	151.00 L/min
Auxiliary flow	95.00 L/min
System relief pressure for auxiliary circuits	250.00 bar
Auxiliary relief	210.0 bar
Relief pressure for implement circuit	295.0 bar
Slow System	

Slew System

Boom swing, left	70.0°
Boom swing, right	55.0°
Slew rate	9.5 RPM

Fluid Capacities

Cooling system	10.00 L
Engine lubrication plus oil filter	10.20 L
Fuel reservoir	110.00 L
Hydraulic system	148.00 L

Environmental

Noise level LpA(EU Directive 2006/42/EC)	71 dB(A)
Noise level LWA(EU Directive 2000/14/EC)	98 dB(A)
Whole body vibration (ISO 2631–1)	0.32 ms ⁻²
Hand-arm vibration (ISO 5349-1)	0.82 ms ⁻²

Standard Features

2300 mm dozer blade 450 mm rubber tracks 5.7 inch LCD screen Engine/hydraulic monitor with shutdown

Fingertip auxiliary hydraulic control Control console locks Hydraulic joystick controls

Two-speed travel Lockable storage compartment

Horn Work lights Retractable seat belt Suspension seat with high back Consoles with forwards/backwards adjustable

displacement

Boom & arm safety valves Harness for rotating beacon Fully adjustable air conditioning Overload warning device

Sun visor

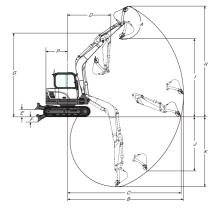
Left rear view mirror
Electric refueling pump Auto idle

Auto shift travel Auxiliary hydraulics (1st and 2nd circuits)

Auxiliary lines on arm with quick couplers Warranty: 12 months, 2000 hours (whichever occurs first)

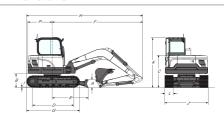
Travel motion alarm

Working Range



(A)	182.0°	(G)	5007.0 mm
(B)	6915.0 mm	(H)	6630.0 mm
(B)	7430.0 mm	(H*)	6980.0 mm
(C)	6765.0 mm	(I)	4645.0 mm
(C*)	7295.0 mm	(1*)	4995.0 mm
(D)	2550.0 mm	(J)	3245.0 mm
(D*)	2635.0 mm	(J)	3755.0 mm
(E)	437.0 mm	(K)	4175.0 mm
(F)	304.0 mm	(K*)	4725.0 mm

Dimensions



(A)	408.0 mm	(I)	26.0 mm
(B)	735.0 mm	(J)	2300.0 mm
(C)	1715.0 mm	(K)	2640.0 mm
(D)	2200.0 mm	(L)	450.0 mm
(E)	1910.0 mm	(M)	704.0 mm
(F)	4785.0 mm	(N)	837.0 mm
(G)	2825.0 mm	(O)	2550.0 mm
(H)	6165.0 mm	(P)	1300.0 mm
(H*)	6265.0 mm	(Q)	2166.0 mm

Options

Steel tracks

Long dipperstick

Third auxiliary hydraulic line (Clamshell Piping)