



Engine	Yanmar 4TNV98C-SLY
Rated Power	46.2 kW (62 hp / 63 ps) @ 2,200 rpm
Net Power	44 kW (59 hp / 60 ps) @ 2,200 rpm
Maximum Dig Depth	4,540 / 4,299 mm
Standard Bucket Capacity	0.28 m ³
Operating Mass	8,400-10,100 kg

909Ecr
EXCAVATOR

909ECR SPECIFICATIONS >>>

PERFORMANCE PARAMETERS

Operating Mass	8,400-10,100 kg
Std. Bucket Heaped Capacity (Referenced)	0.28 m ³
Maximum Travel Speed	* 4.8 / 4.5 km/h
Swing Speed	10.5 rpm
Drawbar Pull	* 75 / 80 kN
Bucket Digging Force (ISO)	63 kN
Arm Digging Force (ISO)	37 kN

* Mono-Boom / Two-Piece Boom

ENGINE

Emission Regulation	Tier 4F / Stage V
Manufacturer	Yanmar
Model	4TNV98C-SLY
Rated Power	46.2 kW (62 hp / 63 ps) @ 2,200 rpm
Net Power	44 kW (59 hp / 60 ps) @ 2,200 rpm
Peak Torque	241 N·m @ 1,430 rpm
Number of Cylinders	4
Displacement	3.319 L

UNDERCARRIAGE

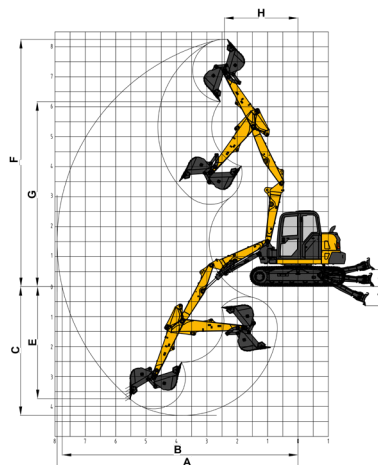
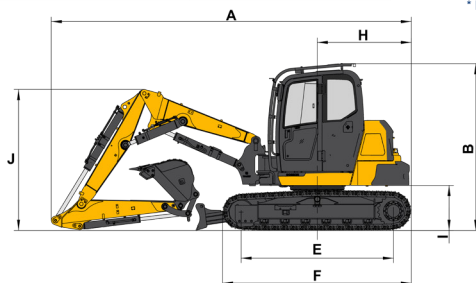
Number of Shoes per Side	* 39 / 43
Number of Upper Rollers per Side	1
Number of Bottom Rollers per Side	* 6 / 7

* Mono-Boom / Two-Piece Boom

DIMENSIONS

A Shipping Length	6,200 mm
B Shipping Height	2,710 mm
C Track Gauge	1,950 mm
D Undercarriage Width	2,400 mm
E Length to Center of Rollers	* 2,230 / 2,532 mm
F Track Length	* 2,845 / 3,147 mm
G Overall Width of Upper Structure	2,200 mm
H Tail Swing Radius	1,410 mm
I Counterweight Ground Clearance	760 mm
J Overall Height of Cab	2,800 mm
K Min. Ground Clearance	360 mm
Track Shoe Width 450 mm (18")	450 mm
Dozer Blade - Max Reach at Ground Level	* 1,850 / 2,005 mm

* Mono-Boom / Two-Piece Boom



WORKING RANGE

Boom Length	* 3,375 / 2,100+2,011 mm
Arm Length	2,100 mm
A Max. Digging Reach	* 7,264 / 7,927 mm
B Max. Digging Reach on Ground	* 7,082 / 7,763 mm
C Max. Digging Depth	* 4,540 / 4,299 mm
D Max. Digging Depth, 2.5 m (8') level	* 4,163 / 4,040 mm
E Max. Vertical Wall Digging Depth	* 3,963 / 3,738 mm
F Max. Cutting Height	* 6,525 / 8,247 mm
G Max. Dumping Height	* 4,577 / 6,170 mm
H Min. Front Swing Radius	* 2,421 / 2,422 mm
I Lift above Ground	490 mm
J Depth below Ground	445 mm

* Mono-Boom / Two-Piece Boom

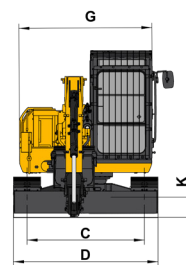
HYDRAULIC SYSTEM

Main Pumps Total Flow	209 L/min
Relief Pressure, main	29 MPa

SERVICE CAPACITIES

Fuel Tank	110 L
Engine Oil	12 L
Cooling System	14.5 L
Hydraulic Reservoir	70 L
Hydraulic System Total	* 110 / 120.5 L

* Mono-Boom / Two-Piece Boom



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Specifications and designs are subject to change without notice. Machines shown may include optional equipment. LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.