

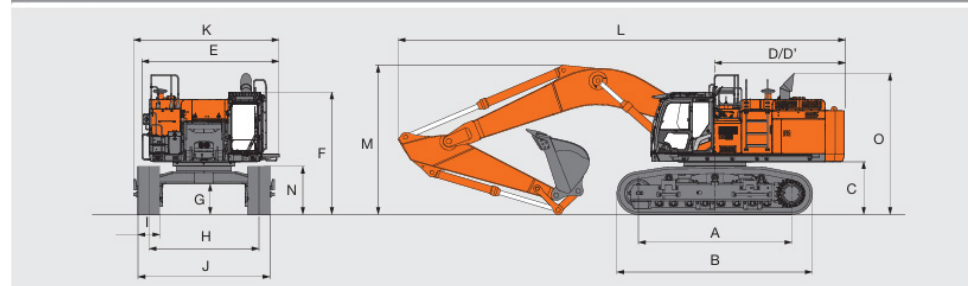
ZX890LCH-7 HYDRAULIC EXCAVATOR | 85T

PRODUCT SPECIFICATIONS

HITACHI

Performance	
Bucket Capacity (ISO heaped)	3.5 – 5.0 m³ / 4.58 – 6.54 yd³
Swing Speed	7.8 RPM
Travel Speed (high/low)	4.6 / 2.8 km/h / 2.9 / 1.7 mph
Gradeability	70% (35°)
Bucket Digging Force	~472 kN / ~106,100 lbf
Arm Crowding Force	~361 kN / ~81,100 lbf
Drawbar Pulling Force	~472 kN / ~106,100 lbf
Engine	
Model	Isuzu AQ-6WG1
Type	6-cyl, water-cooled, turbo-diesel
Power Output (ISO 9249)	380 kW / 510 hp
Power Output (ISO 14396)	382 kW / 512 hp
Max Torque (ISO 9249)	~2,200 N·m / ~1,623 lb-ft
Max Torque (ISO 14396)	~2,200 N·m / ~1,623 lb-ft
Displacement	15.68 L / 957 in³
Fuel Tank	~1,160 L / ~306 gal
Hydraulic System	
Pump Type	2 × variable-displacement piston pumps
Max Discharge Flow	~2 × 504 L/min / ~2 × 133 gal/min
Relief Valve Setting (main / PB)	~34.3 MPa / ~37.3 MPa / ~4,975 psi / ~5,410 psi
Swing Motor	Axial-piston motor
Travel Motors	2-speed axial piston
Hydraulic Oil Tank (system)	~1,000 L / ~264 gal
Weight	
Operating Weight Range	84,600 – 87,500 kg / 186,400 – 192,900 lb

DIMENSIONS



Unit: mm

	ZAXIS 690LCH ^{1,2}			ZAXIS 690LCR ³
A Distance between tumblers	4 500			4 500
B Undercarriage length	5 840			5 840
*C Counterweight clearance	1 530			1 530
D Rear-end swing radius	4 020			4 020
D' Rear-end length	3 980			3 980
E Overall width of upperstructure	4 090			4 090
F Overall height of cab	3 660			3 660
*G Min. ground clearance	860			860
H Track gauge : Extended / Retracted	3 300 / 2 830			3 300 / 2 830
I Track shoe width				
J Undercarriage width : Extended / Retracted	G 650 3 950 / 3 480	G 750 4 050 / 3 580	G 900 4 200 / 3 730	G 650 3 950 / 3 480
K Overall width	4 360			4 360
L Overall length	13 500			13 500
M Overall height of boom	4 460			4 460
*N Track height	1 440			1 440
O Overall height of base machine	4 230			4 230

¹ Excluding track shoe lug G: Double grouser shoe

² Equipped with Boom 7.8 m H and Arm 3.6 m H

³ Equipped with Boom 7.8 m R and Arm 3.6 m R

DISCLAIMER: This Product Specification Sheet was produced 01/2020. Every effort has been made to ensure that the content is accurate, however the contents are subject to change. Information contained in this Specification Sheet is: for general information only and does not purport to be comprehensive, current only at the time it is placed in this document compiled from manufacturer and industry sources; and not intended to provide nor make any recommendation upon which you should rely for any purpose whatsoever. Ezyquip Hire makes no warranty express or implied, including without limitation any warranty of merchantability or fitness for any particular purpose. Ezyquip Hire shall not be liable for any special, incidental, or consequential damages or loss of profits resulting from use of or misuse of the general information provided in this document.