

IHI Excavator 55V4 (2015) – Detailed Specification

General Specifications

Model	IHI 55V4
Machine Type	Crawler Hydraulic Excavator
Manufacturing Year	2015
Operating Weight	≈ 5,200 – 5,400 kg
Engine Brand	Yanmar
Engine Model	Yanmar 4TNV88
Engine Type	4-cylinder, water-cooled diesel
Fuel System	Direct injection
Rated Power	≈ 33.5 kW (45 hp) @ 2,000 rpm
Emission Standard	Tier 3 / Stage IIIA
Hydraulic Pumps	2 × variable displacement piston pumps
Max Hydraulic Flow	≈ 2 × 55 L/min
System Pressure	≈ 23 MPa
Bucket Capacity	0.16 – 0.21 m ³
Bucket Digging Force	≈ 42 kN
Arm Digging Force	≈ 30 kN
Swing Speed	≈ 9.5 rpm
Travel Speed (High / Low)	≈ 4.5 / 2.5 km/h
Max Digging Depth	≈ 3,700 mm
Max Reach at Ground	≈ 6,000 mm
Max Dumping Height	≈ 4,000 mm
Track Shoe Width	400 mm
Fuel Tank Capacity	≈ 115 L
Overall Dimensions (LxWxH)	≈ 5,300 × 1,980 × 2,550 mm

Declaration: This specification sheet is intended for reference only. Actual machine specifications, configuration, performance, and ground conditions may vary depending on manufacturing batch, equipment condition, attachments, and operating environment.