



# GG30BC

## BACKHOE LOADER

The GG30BC backhoe loader is a robust and reliable machine, designed for construction and industrial work. With a loading capacity of 2,500 kg and a weight of 8,000 kg, it offers excellent stability and performance. The loader bucket, 2,200 mm wide with a capacity of 1.3 m³, allows for fast and efficient loading operations.

The machine is equipped with a modern YUCHAI ENGINE YCF36110-S500 (81 kW). The power-shaft transmission features 2 forward and 2 reverse gears, providing full control over the vehicle. The maximum travel speed is 24 km/h, allowing efficient movement around the construction site.

### Technical Specifications

#### Specification

Engine Model (Euro 5)	YUCHAI ENGINE-YCF36110-S500
Rated Power	81 kW (110 HP)
Weight	8,000 kg
Loading Capacity	2,500 kg
Transmission Type	Mechanical transmission with constant power shaft
Gears	2 forward, 2 reverse
Maximum Speed	24 km/h
Tires	(F) 14-17.5, (R) 19.5L-24
Steering System Brand	FEICHENG YUNYU
Steering System Operating Pressure	12 Mpa
Front Tire Pressure	0.22 Mpa
Main Transmission Type	Two-stage reduction
Final Reducer	Single-stage final drive
Brake System Operation	Oil-over-air pneumatic caliper, external, self-adjusting, self-balancing
Hydraulic System Pressure	22 Mpa
Excavator Grab Digging Force	46.5 kN
Excavator Bucket Digging Force	31 kN
Brake Type	Self-leveling
Emergency Brake Control	Manual – parking brake with power assist

#### Working Range

Loader Bucket Capacity	1.3 m, <sup>3</sup>
Loader Bucket Width	2200 mm
Excavator Bucket Capacity	620 mm
Loader Dumping Height	2,800 mm
Loader Dumping Reach	1,062 mm
Maximum Digging Depth	4,000 mm
Optional Digging Depth	5,000–5,500 mm (telescopic boom extended)
Minimum Turning Radius	6,581 mm
Excavator Swing Angle	190°
Maximum Traction Force	39 kN
Breakout Force	38 kN
Minimum Ground Clearance	300 mm
Wheelbase	2,250 mm
Steering Angle	±36°
Operating Pressure	12 Mpa

#### Dimensions

Length	7,600 mm
Height	2,890 mm
Width	2,260 mm



