110HP Back-hoe Loader

HD96

1. Reliable hydraulic torque converter and gearbox offer powerful performance for smooth, dependable bridge traversal.
2. Combined excavator and loader functions in one machine increase efficiency by over 30% in narrow spaces.
3. Precision control ensures lightweight, flexible operation with high efficiency for excavation and loading.
4. Humanized design with rotating seat and steel-molded glass cabin for comfortable driving and broad visibility.
5. Lateral sliding mechanism extends excavation range and boosts efficiency.
6. Front flip cover design greatly improves machine maintenance.
7. Various accessories enable versatile construction tasks for multiple departments, including municipal, architectural, & landscaping.



Specs

General Specs	
Operating weight	8200kg
Transport Dimension	6120 × 2248 × 3763mm
Loader Payload	2500kg
Cab to ground	3763mm
Wheel base	2248mm
Ground Clearance	300mm
Loader Bucket Capacity	1.0m³
Loader Breakout Force	38kN
Lifting Capacity	2500kg
Loader Dumping Height	2650mm

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Loader Dumping Distance	925mm
Backhoe Capacity	0.3m3
Max. Digging Depth	4082mm
Swing Angle of Excavator Grab	180°
Bucket / dipper tearout force	50kN

Transmission System

Model	YJ280
Type	Single-stage Three Elements
Max. Efficiency	84.4%
Gearbox type	Fixed Shaft Power Transmission
Oil Pressure of Clutch	1373 - 1569kPa
Gears	Two Gears Ahead, Two Gears Astern
Max. Speed	30km/h

Tyres

Tyre Model	Front 12.5/80-18 Rear 16.9-28
Pressure Front / Back Wheel	0.55 /0.223MPa

Engine

Model	Weichai WP4G95E221
Cylinders	4
Rated Power	110HP
Min. Fuel Consumption	?230g/km.h
Torque	?400N.m
Type	In Line Direct injection 4-Stroke
Displacement	4.837L
Speed	2200r/min
Engine Power	82kW
Inside Diameter x Stroke	108mm × 132mm