LiuGong

Engine	YCKA05K110-M300
Rated Power	81 kW (109 hp / 110 ps) @ 2,200 rpm
Maximum Speed	37 km/h
Standard Loader Bucket Capacity	1.0 m^3
Standard Backhoe Bucket Capacity	0.29 m^3
Operating Weight	8,100 kg

764A BACKHOE LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

764A SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3
Manufacturer	Yuchai
Model	YCKA05K110-M300
Rated Power	81 kW (109 hp / 110 ps) @ 2,200 rpm
Peak Torque	450 N · m @ 1,400-1700 rpm
Displacement	5.018 L

ELECTRICAL SYSTEM	
System Voltage	12 V
Battery Rating	95 amp - hr

DRIVE TRAIN	
Number of Drive Wheels	2WD/4WD
1st Maximum Speed, fwd/rev	5.3 km/h
2nd Maximum Speed, fwd/rev	9 km/h
3nd Maximum Speed, fwd	18.5 km/h
4nd Maximum Speed, fwd	37 km/h
Turning Radius Outside of Front Tire	4,440 mm
Turning Radius Outside of Bucket	5,554 mm

BRAKES	
Service Brake Type	Dry
Service Brake Actuation	Air over hydraulic

TIRES	
Front Tire Size	12.5/80-18
Rear Tire Size	19.5L-24

HYDRAULIC SYSTEM	
Circuit Type	Open
Total Flow	128 L/min
Main Relief Pressure	25.0 Mpa
Pump Type	Gear pump
Steering Type	2 WS

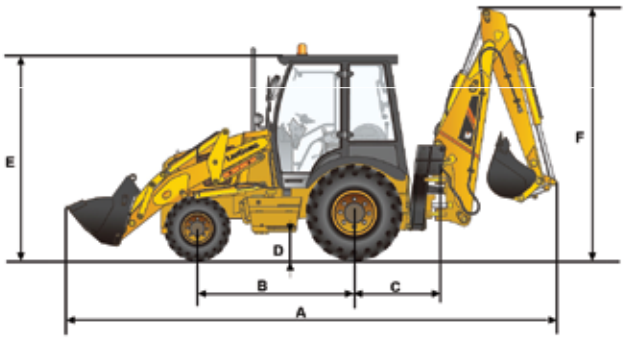
OPERATING WEIGHTS	
Operating Weight	8,100 kg

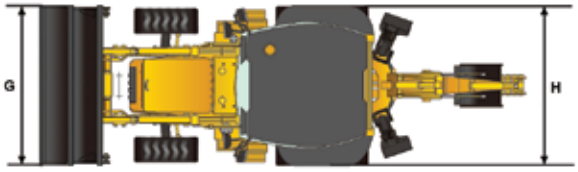
LOADER PERFORMANCE	
Standard Bucket Type (referenced)	General purpose
Heaped Capacity ISO (referenced)	1.0 m^3
Standard Bucket Width (referenced)	2,260 mm
Lift Capacity at Full Height	27.1 kN
Bucket Breakout Force	52 kN
Maximum Dump Angle at Full Height	45°
Maximum hinge pin height	3,417 mm
Dump Reach at Full Height Discharge	713 mm
Boom Lift Capacity, end, at ground	42.4 kN
Maximum Dig Depth	56 mm

BACKHOE PERFORMANCE	
Heaped Capacity ISO (referenced)	0.29 m^3
Standard Bucket Width (referenced)	784 mm
Maximum Dig Depth	4,440 mm
Reach From Swing Pivot at Ground	5,443 mm
Turning Angle of Bucket	186°
Bucket Digging Force	52.1 kN
Arm Digging Force, standard stick	33.6 kN
Loading Height	3,554 mm
Loading Reach from Swing Pivot	3,007 mm

SERVICE CAPACITIES	
Fuel Tank	163 L
Engine Oil	14 L
Cooling System	23 L
Hydraulic Oil Tank	130 L
Hydraulic System Total	170 L
Axle, front	6+0.8*2 L
Axle, rear	8+3*2 L

DIMENSIONS	
A Shipping Length	6,970 mm
B Wheelbase	2,210 mm
C Length from Rear Axle to Swing Pivot	1,240 mm
D Min. Ground Clearance	365 mm
E Height To Top of Cab	2,909 mm
F Shipping Height	3,577 mm
H Shipping Width	2,280 mm
G Bucket Width	2,260 mm





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08/2026 Designed by LiuGong
Replace the previous versions of 12/2024

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.