

Engine Yuchai YC4A105Z-T20
Gross Power 75 kW (101 hp / 102 ps) @ 2,200 rpm
Net Power 72 kW (97 hp / 98 ps) @ 2,200 rpm
Maximum Speed 44 km/h
Standard Loader Bucket Capacity 1.0 m³
Standard Backhoe Bucket Capacity 0.2 m³
Operating Weight 8,300 kg

## 764A BACKHOE LOADER

## 764A SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 2 / Stage II
Manufacturer	Yuchai
Model	YC4A105Z-T20
Gross Power	75 kW (101 hp /102 ps) @ 2,200 rpm
Net Power	72 kW (97 hp /98 ps) @ 2,200 rpm
Peak Torque	400 N · m @ 1,500 rpm
Displacement	4.8 L

ELECTRICAL SYSTEM	
System Voltage	

System Voltage 12 V
Battery Rating 95 amp - hr

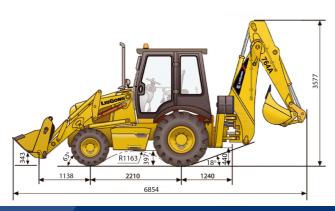
DRIVE TRAIN	
Number of Drive Wheels	4WD
1st Maximum Speed, fwd/rev	9.8 / 12.7 km/h
2nd Maximum Speed, fwd/rev	17.5 / 36 km/h
3nd Maximum Speed, fwd	28 km/h
4nd Maximum Speed, fwd	44 km/h
Turning Radius Outside of Front Tire	4,800 mm

BRAKES	
Service Brake Type	Caliper
Service Brake Actuation	Air over hydraulic

TIRES	
Front Tire Size	14-17.5NHS-14PR T
Rear Tire Size	16/70-24

HYDRAULIC SYSTEM		
Circuit Type	Open	
Total Flow	122 L/min	
Main Relief Pressure	21.5 MPa	
Pump Type	Gear pump	
Steering Type	Priority valve	

OPERATING WEIGHTS		
Operating Weight	8,300 kg	

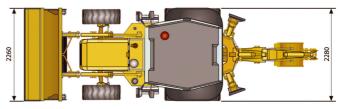


LOADER PERFORMANCE	
Standard Bucket Type (referenced)	General purpose
Heaped Capacity ISO (referenced)	1.0 m <sup>3</sup>
Standard Bucket Width (referenced)	2,260 mm
Lift Capacity at Full Height	27.1 kN
Bucket Breakout Force	52 kN
Maximum Dump Angle at Full Height	45°
Dump Height at Maximum Angle	2,691 mm
Dump Reach at Full Height Discharge	713 mm
Boom Lift Capacity, end, at ground	42.4 kN
Maximum Dig Depth	59 mm

BACKHOE PERFORMANCE	
Standard Bucket Type (referenced)	General Purpose
Heaped Capacity ISO (referenced)	0.2 m <sup>3</sup>
Standard Bucket Width (referenced)	610 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
Dipper Digging Force, standard stick	33.6 kN
Loading Height	3,586 mm
Loading Reach from Swing Pivot	3,007 mm

SERVICE CAPACITIES		
Fuel Tank	142 L	
Engine Oil	12 L	
Cooling System	23 L	
Hydraulic Reservoir	130 L	
Hydraulic System Total	170 L	
Transmission and Torque Converter	38 L	
Axle, front	6 L	
Axle, rear	15 L	

STANDARD EQUIPMENT	OPTIONAL EQUIPMENT
Yuchai engine	Rotary Beacon
Shantui Transmission	Hydraulic Shear
Enclosed Cab, with AC	Vibratory Tamper
Auxiliary Hydraulic Kit	Hydraulic Hammer
Feicheng Rear Drive Axles	4 in 1 Bucket 1.0 m <sup>3</sup>
Chuangjie Front Drive Axles	Open Cab
Boom Interlock	
General Purpose Bucket 1.0 / 0.2 m <sup>3</sup>	



Unit: mm

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