

Engine	Yuchai YC4A105Z-T20
Gross Power	75 kW (101 hp) @ 2,200 rpm
Net Power	72 kW (98 hp) @ 2,200 rpm
Maximum Speed	44 km/h
Standard Loader Bucket Capacity Standard	1 m <sup>3</sup>
Backhoe Bucket Capacity	0.20 m <sup>3</sup>
Operating Weight	8,300 kg

# 765A BACKHOE LOADER



TOUGH WORLD. TOUGH EQUIPMENT.

# 765A SPECIFICATIONS >>>

## ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Yuchai
Model	YC4A105Z-T20
Gross Power	75 kW (101 hp) @ 2,200 rpm
Net Power	72 kW (98 hp) @ 2,200 rpm
Peak Torque	400 N · m @ 1,500 rpm
Displacement	4.836 L

## ELECTRICAL SYSTEM

System Voltage	12 V
Battery Rating	95 amp - hr

## DRIVE TRAIN

Number of Drive Wheels	4 wd
1st Maximum Speed, fwd/rev	9.8 km/h
2nd Maximum Speed, fwd/rev	17.5 km/h
3rd Maximum Speed, fwd/rev	28 km/h
4nd Maximum Speed, fwd/rev	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	12.5/80-18 14RP
Rear Tire Size	16/70-24

## HYDRAULIC SYSTEM

Circuit Type	open
Total Flow	117 L/min
Main Relief Pressure	21.5 MPa
Pump Type	gear pump
Steering Type	priority valve

## OPERATING WEIGHTS

Operating Weight	8,300 kg
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## LOADER PERFORMANCE

Standard Bucket Type (referenced)	general load bucket
Standard Bucket Heaped Capacity ISO (referenced)	1 m <sup>3</sup>

Standard Bucket Width (referenced)	2,260 mm
Lift Capacity at Full Height	33.2 kN
Bucket Breakout Force	59.6 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	40.4 kN
Maximum Dig Depth	59 mm

## BACKHOE PERFORMANCE

Standard Bucket Type (referenced)	general bucket 0.20 m <sup>3</sup>
Standard Bucket Heaped Capacity ISO (referenced)	0.20 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	182°
Bucket Digging Force	58.2 kN
Dipper Digging Force, standard stick	37.5 kN
Loading Height	3,680 mm
Loading Reach from Swing Pivot	3,007 mm

## SERVICE CAPACITIES

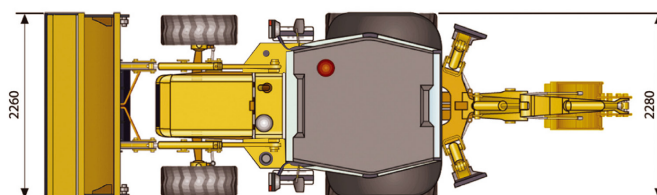
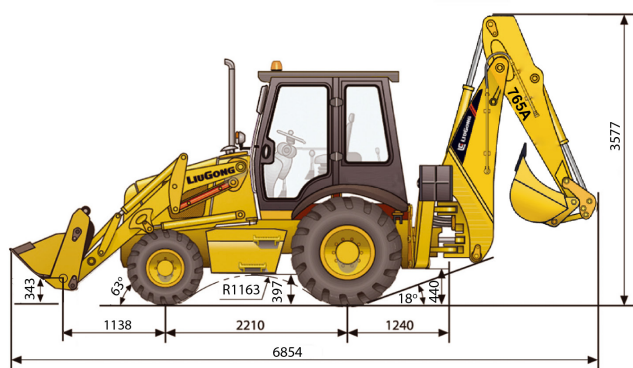
Fuel Tank	142 L
Engine Oil	12 L
Cooling System	23 L
Hydraulic Reservoir	130 L
Hydraulic System Total	170 L
Transmission and Torque Converter	38 L
Axle, front	6.2 L
Axle, rear	15 L

## STANDARD EQUIPMENT

Yuchai engine
Shantui Transmission
Enclosed Cab, with AC
Auxiliary Hydraulic Kit
Feicheng Rear Drive Axles
Chuangjie Front Drive Axles
Boom Interlock
General load Bucket 1 m <sup>3</sup>
Backhoe bucket 0.20 m <sup>3</sup>

## OPTIONAL EQUIPMENT

Rotary Beacon
Hydraulic shear
Vibratory Tamper
Hydraulic Hammer
4 in 1 Load Bucket 1.0 m <sup>3</sup>
Open Cab



Unit: mm

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Specifications and designs are subject to change without notice. Machines shown may include optional equipment.

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