



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 m ³
Standard Backhoe Bucket Capacity	0.2 m ³
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	12 V
Battery Rating	95 amp - hr

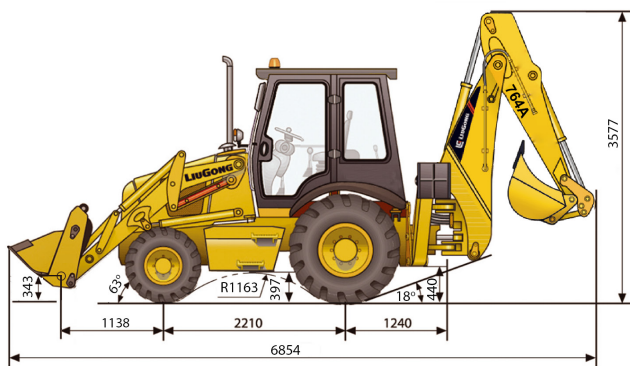
DRIVE TRAIN	
Number of Drive Wheels	4WD
1st Maximum Speed, fwd/rev	9.8 / 12.7 km/h
2nd Maximum Speed, fwd/rev	17.5 / 36 km/h
3rd Maximum Speed, fwd	28 km/h
4th Maximum Speed, fwd	44 km/h
Turning Radius Outside of Front Tire	4,800 mm

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

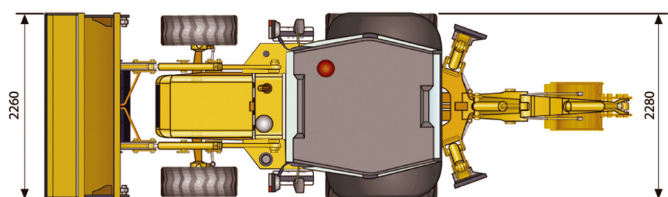


LOADER PERFORMANCE	
Standard Bucket Type (referenced)	General purpose
Heaped Capacity ISO (referenced)	1.0 m ³
Standard Bucket Width (referenced)	2,260 mm
Lift Capacity at Full Height	27.1 kN
Bucket Breakout Force	52 kN
Maximum Dump Angle at Full Height	45°
Dump Height at Maximum Angle	2,691 mm
Dump 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 ³
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	52.1 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 ³
Chuangjie Front Drive Axles	Open Cab
Boom Interlock	
General Purpose Bucket 1.0 / 0.2 m ³	



Unit: mm

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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.

03/2020 Designed by LiuGong
Replace the previous versions of 06/2019