Engine		Cumn	nins 6LT9.3
Gross Power	162 kW (22	20 hp) @	2,200 rpm
Net Power	148 kW (20	01 hp) @	2,200 rpm
Operating Weight	t		17,000 kg
Standard Bucket	Size		3 m ³
Standard Breako	ut Force		160 kN
Standard Dump (learance		3,100 mm



856

LIUGONG



TOUGH WORLD. TOUGH EQUIPMENT.

BCC

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856 SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	6LT9.3
Gross Power	162 kW (220 hp) @ 2,200 rpm
Net Power	148 kW (201 hp) @ 2,200 rpm
Peak Torque	890 N · m
Displacement	9.3 L
Number of Cylinders	6
Aspiration	Turbocharged

TRANSMISSION

Transmission Type	Planetary type, Power shift
Torque Converter	Double stage, four elements
Maximum Travel Speed, fwd	38 km/h
Maximum Travel Speed, rev	16 km/h
Number of Speeds, fwd	2
Number of Speeds, rev	1

AXLES

Differential Front Type **Differential Rear Type** Axle Oscillation

Conventional Conventional ±11°

Articulated

16 MPa

STEERING

Steering Configuration Steering Relief Pressure

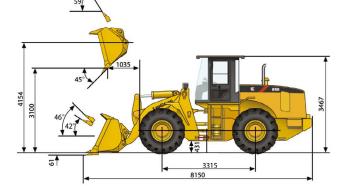
BRAKES

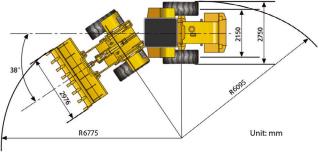
Service Brake Type Service Brake Actuation Parking Brake Type Parking Brake Actuation

Caliper disc brake Air over hydraulic Manual pneumatic control Air

HYDRAULIC SYSTEM	
Main Pump Type	Gear
Main Relief Pressure	20 MPa
Raise	6 s
Dump Time	1.5 s
Float Down Time	3 s
Fastest Total Cycle Time	10.5 s

Tipping Load - Straight12,500 kgTipping Load - Full Turn10,500 kgBucket Breakout Force160 kNMaximum Dump Angle at Full Height45°Dump Clearance at Full Height Discharge1,035 mmMaximum Hinge Pin Height4,154mmMaximum Digging Depth, Bucket Level61 mmBucket Rollback at Ground Level42°Bucket Rollback at Carry46°Bucket Rollback at Carry46°Bucket Rollback at Maximum Height59°BUCKET PERFORMANCE3 m³Chefference Bucket3 m³DIMENSIONS2,150 mmWheel Base3,315 mmWheel Tread2,150 mmGround Clearance431 mmTurn Angle, Either Side38°Rear Angle of Departure30°Turning Radius, Outside of Tire5,795 mmTurning Radius, Bucket Carry6,775 mmTurning Radius, Bucket Carry6,775 mmTurning Radius, Bucket Carry6,775 mmTurning Radius, Bucket Carry17,000 kgSERVICE CAPACITY520 LFuel Tank320 LEngine Oil19 LCooling System58 L	LOADER ARM PERFORMANCE	
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Reference Bucket3 m³DIMENSIONSLength with Bucket Down8,150 mmWidth Over Tires2,750 mmWheelbase3,315 mmWheelbase3,315 mmWheel Tread2,150 mmGround Clearance431 mmTurn Angle, Either Side38°Rear Angle of Departure30°Turning Radius, Outside of Tire6,095 mmTurning Radius, Center of Tire5,795 mmTurning Radius, Bucket Carry6,775 mmTIRES23.5 - 25OPERATING WEIGHTS17,000 kgSERVICE CAPACITY17,000 kgFuel Tank320 LEngine Oil19 LCooling System58 L	Bucket Rollback at Maximum Height	59°
DIMENSIONS Length with Bucket Down 8,150 mm Width Over Tires 2,750 mm Wheelbase 3,315 mm Wheel Tread 2,150 mm Ground Clearance 431 mm Turn Angle, Either Side 38° Rear Angle of Departure 30° Turning Radius, Outside of Tire 6,095 mm Turning Radius, Center of Tire 5,795 mm Turning Radius, Bucket Carry 6,775 mm Tire Size 23.5 - 25 OPERATING WEIGHTS 17,000 kg SERVICE CAPACITY 17,000 kg Fuel Tank 320 L Engine Oil 19 L Cooling System 58 L	BUCKET PERFORMANCE	
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Length with Bucket Down8,150 mmWidth Over Tires2,750 mmWheelbase3,315 mmWheel Tread2,150 mmGround Clearance431 mmTurn Angle, Either Side38°Rear Angle of Departure30°Turning Radius, Outside of Tire6,095 mmTurning Radius, Center of Tire5,795 mmTurning Radius, Bucket Carry6,775 mmTire Size23.5 - 25OPERATING WEIGHTS17,000 kgSERVICE CAPACITY320 LEngine Oil19 LCooling System58 L	DIMENSIONS	
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Ground Clearance431 mmTurn Angle, Either Side38°Rear Angle of Departure30°Turning Radius, Outside of Tire6,095 mmTurning Radius, Center of Tire5,795 mmTurning Radius, Bucket Carry6,775 mmTIRES23.5 - 25OPERATING WEIGHTSOperating Weight17,000 kgSERVICE CAPACITYFuel Tank320 LEngine Oil19 LCooling System58 L	Wheel Tread	2,150 mm
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Turning Radius, Center of Tire 5,795 mm Turning Radius, Bucket Carry 6,775 mm TIRES Tire Size 23.5 - 25 OPERATING WEIGHTS Operating Weight 17,000 kg SERVICE CAPACITY Fuel Tank 320 L Engine Oil 19 L Cooling System 58 L	°	6.095 mm
Turning Radius, Bucket Carry 6,775 mm TIRES Tire Size 23.5 - 25 OPERATING WEIGHTS Operating Weight 17,000 kg SERVICE CAPACITY Fuel Tank 320 L Engine Oil 19 L Cooling System 58 L	Turning Radius, Center of Tire	5,795 mm
Tire Size 23.5 - 25 OPERATING WEIGHTS Operating Weight 17,000 kg SERVICE CAPACITY Fuel Tank 320 L Engine Oil 19 L Cooling System 58 L	Turning Radius, Bucket Carry	6,775 mm
Tire Size 23.5 - 25 OPERATING WEIGHTS Operating Weight 17,000 kg SERVICE CAPACITY Fuel Tank 320 L Engine Oil 19 L Cooling System 58 L		
OPERATING WEIGHTS Operating Weight 17,000 kg SERVICE CAPACITY Fuel Tank 320 L Engine Oil 19 L Cooling System 58 L	TIRES	
Operating Weight 17,000 kg SERVICE CAPACITY Fuel Tank 320 L Engine Oil 19 L Cooling System 58 L	Tire Size	23.5 - 25
Operating Weight 17,000 kg SERVICE CAPACITY Fuel Tank 320 L Engine Oil 19 L Cooling System 58 L	OPERATING WEIGHTS	
Fuel Tank320 LEngine Oil19 LCooling System58 L	Operating Weight	17,000 kg
Fuel Tank320 LEngine Oil19 LCooling System58 L		
Engine Oil19 LCooling System58 L	SERVICE CAPACITY	
Cooling System 58 L	Fuel Tank	320 L
	Engine Oil	19 L
Hydraulic Reservoir 210 L	Cooling System	58 L
	Hydraulic Reservoir	210 L





Transmission and Torque Converter

Axles, each

Guangxi Liugong Machinery Co., Ltd.

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45 L

32 L