



Rated load capacity	3500 kg
Operating weight	10180 kg
Rated power	92 kW
Bucket capacity	1.5~3 m ³
Dump height	3213 mm
Maximum breakout force	110 kN

835T

(Long reach arm)

TOUGH WORLD.TOUGH EQUIPMENT.

835T SPECIFICATIONS >>>

LOAD SMART. LIFT MORE.

Main Machine Parameters

Rated load capacity	3500 kg
Rated power	92 kW
Operating weight	10180 kg
Bucket capacity	1.5~3 m³
Maximum breakout force	110 kN
Forward speed (1st / 2nd gear)	12/37 km/h
Reverse speed (1st gear)	16 km/h

Engine

Manufacturer	Yuchai
Model	YCA05K125
Type	Electronic high-pressure common-rail
Displacement	5.018 L
Rated power	92 kW
Emission standard	National Stage-IV
Fuel tank capacity	190 L
Engine oil capacity	18 L
Coolant capacity	30 L

Transmission System

Gearbox manufacturer	Liugong
Gearbox gear positions	2 forward, 1 reverse
Gearbox type	Planetary power-shift
Gearbox oil capacity	40 L
Drive axle manufacturer	Liugong
Drive axle type	Dry-type axle
Tire model	17.5-25PR12
Drive axle oil capacity	Front axle 22L, Rear axle 22L

Working Hydraulic System

Working hydraulic system type	Fixed-displacement system
Working hydraulic control mode	Flexible shaft control
Hydraulic system oil capacity	90L

Steering Hydraulic System

Steering hydraulic system type	Load-sensing hydraulic system
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Brake System

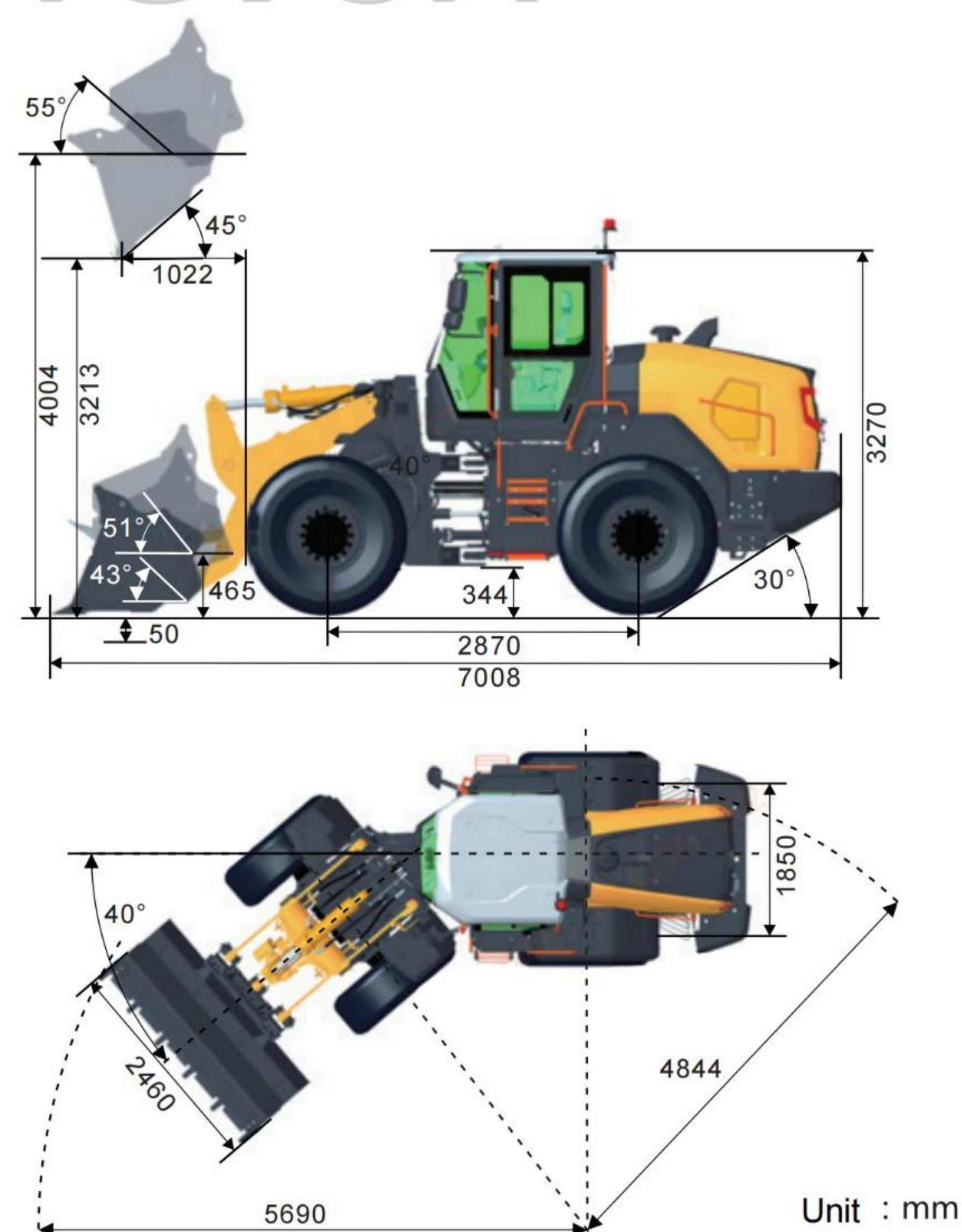
Service brake type	ingle-circuit air-over-hydraulic four-wheel disc brake
Parking brake type	Calipers disc parking brake

Air-conditioning System

Air-conditioning type	Heating & cooling air conditioner
Heating capacity	7500 W
Cooling capacity	5300 W

Overall Dimensions

Overall length	7008mm
Overall height	3270mm
Overall width (outside of bucket)	2460mm
Dump height	3213mm
Dump reach	1022mm
Maximum digging depth	50mm
Bucket pin height at transport position	465mm
Max. height of bucket lower pin	4004mm
Steering angle	40°
Turning radius (outside of bucket)	5690mm
Turning radius (tire center)	4844mm
Bucket curl angle in-situ	43°
Bucket curl angle at transport position	51°
Bucket curl angle at max. position	55°
Dump angle at max. position	45°
Departure angle	30°
Maximum gradeability angle	30°
Minimum ground clearance	344mm
Wheelbase	2870mm
Track width	1850mm



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