Engine	WeiChai WP6G125E22
Gross Power	92 kW (125 hp) @ 2,200 rpm
Net Power	82 kW (111 hp) @ 2,200 rpm
Operating Weight	10,300 kg
Standard Bucket Size	1.7 m^3
Standard Breakout Force	100 kN
Standard Dump Clearance	2,910 mm

836 WHEEL LOADER

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TOUGH WORLD. TOUGH EQUIPMENT.

836 SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 2 / Stage II
Make	Weichai
Model	WP6G125E22
Gross Power	92 kW (125 hp) @ 2,200 rpm
Net Power	82 kW (111 hp) @ 2,200 rpm
Peak Torque	500 N · m
Displacement	6.75 L
Number of Cylinders	6
Aspiration	Turbocharged

TRANSMISSION	
Transmission Type	Planetary type, power shift
Torque Converter	Double stage, four elements
Maximum Travel Speed, fwd	35 km/h
Maximum Travel Speed, rev	14.5 km/h
Number of Speeds, fwd	2
Number of Speeds, rev	1

AXLES	
Differential Front Type	Conventional
Differential Rear Type	Conventional
Axle Oscillation	±11°

STEERING	
Steering Configuration	Articulated
Steering Relief Pressure	14.8 Mpa

BRAKES	
Service Brake Type	Caliper disc brake
Service Brake Actuation	Air over hydraulic
Parking Brake Type	Flexible shaft control
Parking Brake Actuation	Mechanical

HYDRAULIC SYSTEM	
Main Pump Type	Gear
Main Relief Pressure	17 MPa
Raise	4.6 s
Dump Time	1.2 s
Float Down Time	2.6 s
Fastest Total Cycle Time	8.4 s

LOADER ARM PERFORMANCE	
Tipping Load - Straight	7,342 kg
Tipping Load - Full Turn	6,628 kg
Bucket Breakout Force	100 kN
Maximum Dump Angle at Full Height	45°
Dump Clearance at Full Height Discharge	2,910 mm
Dump Reach at Full Height Discharge	1,072 mm
Maximum Hinge Pin Height	3,740 mm
Maximum Digging Depth, Bucket Level	43 mm
Bucket Rollback at Ground Level	43°
Bucket Rollback at Carry	50.5°
Bucket Rollback at Maximum Height	63.5°

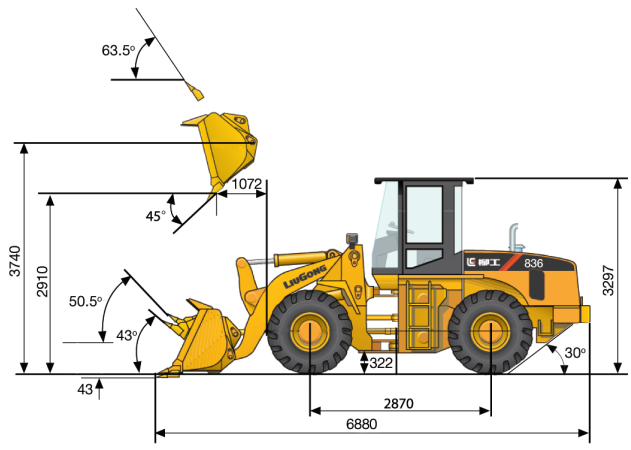
BUCKET PERFORMANCE	
Reference Bucket	1.7 m^3

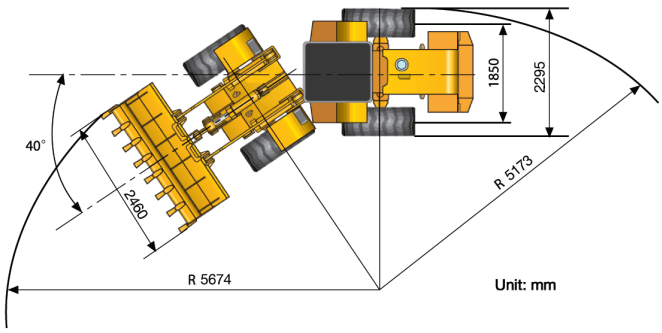
DIMENSIONS	
Length with Bucket Down	6,880 mm
Width Over Tires	2,295 mm
Wheelbase	2,870 mm
Wheel Tread	1,850 mm
Ground Clearance	322 mm
Turn Angle, Either Side	40°
Rear Angle of Departure	30°
Turning Radius, Outside of Tire	5,173 mm
Turning Radius, Center of Tire	4,951 mm
Turning Radius, Bucket Carry	5,674 mm

TIRES	
Tire Size	17.5 - 25

OPERATING WEIGHTS	
Operating Weight	10,300 kg

SERVICE CAPACITY	
Fuel Tank	150 L
Engine Oil	13 L
Cooling System	34 L
Hydraulic Reservoir	120 L
Transmission and Torque Converter	45 L
Axles, each	22 L





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