

LOADMAX

**Performance.
Strength.
Value.**



WL300E *Spec Sheet*
WHEEL LOADER

WL300E WHEEL LOADER

WL300E Features

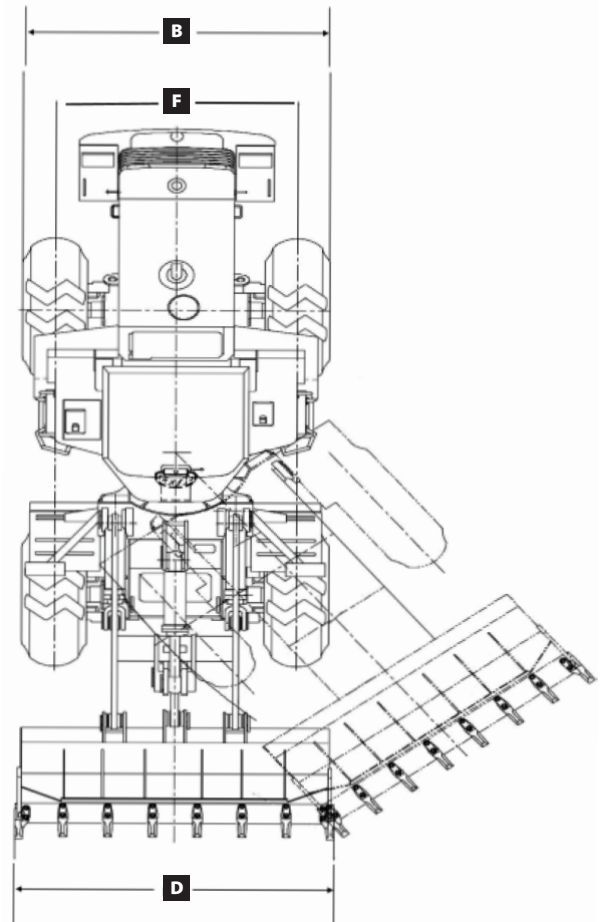
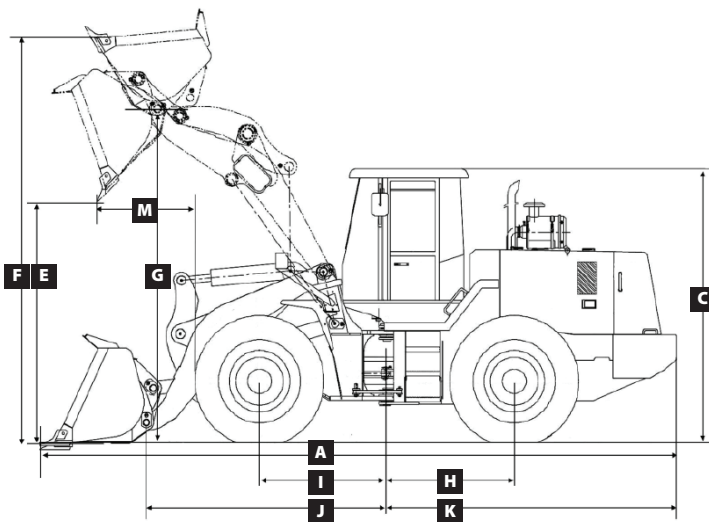
- ROPS/FOPS Pillarless Cabin
- Fast Cycle Times
- Articulated frame
- Suspension Seat with Armrest
- Heavy Duty Hydraulic Rams
- 50 point Pre-delivery Inspection
- 2 year / 2000 hour Limited Warranty

Optional Attachments

- Air-conditioning
- Joystick Controller
- Hydraulic Quick Hitch/Aux. Hydraulics
- Pallet Forks/4in1 Bucket/GP Bucket
- Larger Tyres / Turf Tyres / Solid Tyres
- Weighing System
- Auto-Greasing System

Dimensions

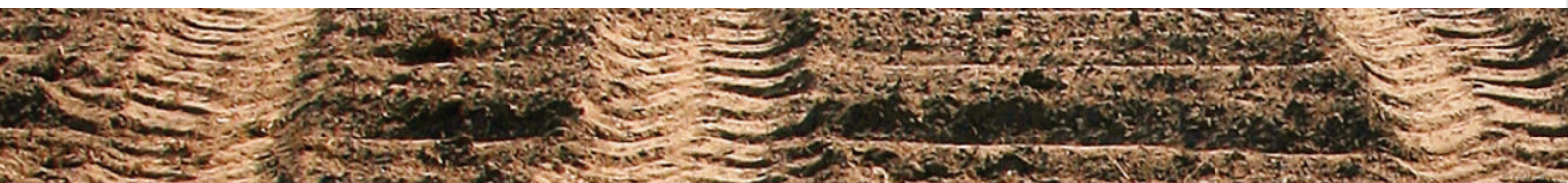
A Length (Bucket on ground)	6890mm
B Width outside tyres	2430mm
C Height	3070mm
D Bucket Width	2420mm
E Max. Dump Height (-45° angle)	3200mm
F Wheel Centres	1960mm
G Max. Hinge Pin Height	4150mm
H Wheelbase	2640mm
I Length, no bucket	5790mm
J Front wheel to bucket edge	1110mm



Specifications

Operating Weight	10200kg
Rated Load	3000kg
Static Tipping Load (full turn)	6000kg
Bucket Standard	1.7m ³

Max. Traction Force	9950kgf
Max Breakout force	9750kgf
Min Turning Radius Rear Wheel	5362mm
Min Turning Radius Bucket	5850mm



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Transmission

Torque Converter	Type	Fixed power shift + high/low fixed shaft speed				
	Torque ratio	2.3				
Travel Speed	Speeds	1	2	3	4	
	Forward (km/h)	7	12	27	35	
	Reverse (km/h)	7	12	7	12	
Transmission	Type	Fixed Power Shift				
	Shift	Forward 4 / Reverse 2				
	Transmission Ratio	Forward 1				3.82
		Forward 2				2.08
		Forward 3				1.09
		Forward 4				0.59
		Reverse 1				3.05
		Reverse 2				0.87
	Transmission Pump	Gear driven hydraulic pump				
Working Pressure	2030 Psi					
Main Drive	Type	Single stage, spur gear				
	Gear Ratio	4.222				
Final Drive	Type	Single stage, planetary shift				
	Gear Ratio	4:8				
Driving Axle & Tyres	Type	4WD				
	Mount	Oscillating rear axle, rigid front axle				
	Tyre Size	17.5-25				
Brake System	Service Brake Type	Air over hydraulic disc brakes				
	Parking Brake	Hand Brake				

Steering System

Type	Full hydraulic articulated steering
Steering Pump	Gear driven hydraulic pump - 100L/min
Steering Angle	38°
Working Pressure	2030 Psi

Bucket Options

Standard Material	1.7m ³
Optional Light Material	2.5m ³

Engine

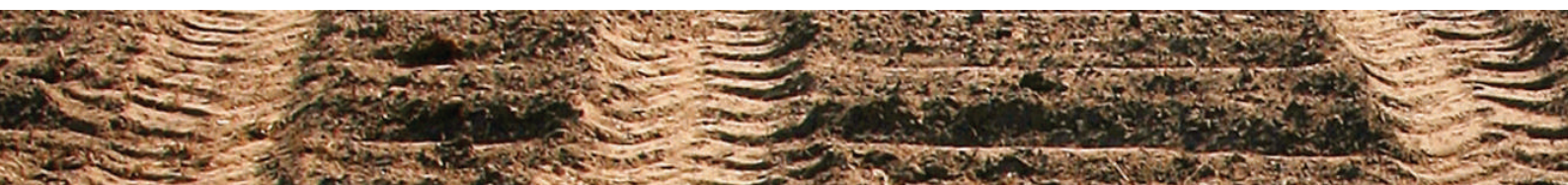
	Standard	Optional
Make	DEUTZ	CUMMINS
Model	WP6G125E22	4BTA5.9-C150
Rated Power	92kW	110kW
Rated RPM	2200rpm	2200rpm
Displacement	6.75L	5.9K
Max.Torque	570Nm	561Nm
Cylinders	6	

Hydraulics

Type	Gear driven hydraulic
Boom Cylinder Cylinder bore x piston rod diameter x stroke	125x70x771mm
Bucket Cylinder Cylinder bore x piston rod diameter x stroke	140x80x502mm
Pump	Gear driven hydraulic
Working pressure	2320 Psi
Lifting time (Max Load)	6.0s
Lowering time (Empty)	3.1s
Dumping time (Empty)	1.0s
Total Cycle Time	10.1s
Max Auxiliary Flow	200 L/min

Service Fill Capacities

Fuel	180L
Hydraulic Oil	160L
Axles	2 x 13L
Engine Oil	17.5L
Transmission	25L
Brake System	4L



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