

Wheel Loader

WL 50

WL50

Articulated Wheel Loader offers power and endurance for any construction job site

»» The WL 50 offers high payloads to provide better breakout force and lifting capacities. Operating elements, including a multifunctional single lever control and an additional lever for third control circuit, are conveniently arranged next to the driver's seat for easy operation. Driver's cab features excellent visibility and an infinitely adjustable steering column. This unit features a hydraulically operated centrally-articulated pendulum steering system. The WL 50 provides a tight turning radius for added maneuverability in tight areas. ««



ADDITIONAL ADVANTAGES:

- **100% on demand differential lock** provides the operator with superior traction in slippery wet conditions or when driving into a pile of material.
- **Operator station** offers a spacious and functional layout for operator comfort and improved productivity.
- **Hydraulically operated quick-hitch** and standard auxiliary hydraulics allow for efficient changing from one accessory to another.
- **78 HP turbo charged DEUTZ diesel engine** provides the necessary power to complete the most demanding jobs.
- **Excellent service access with tiltable cab** and engine hood that opens 90 degrees, allowing full access to all engine and hydraulic components.



Phone: 800-437-9702 ~ Fax: 800-313-3299
Billings, MT ~ Valley City, ND ~ Yakima, WA
www.feiinc.com



**WACKER
NEUSON**

Technical Data**WL 50****ENGINE**

Make / Model	Deutz TD 2011	
Type	Turbo-charged, water-cooled, 4-cylinder diesel engine	
Max. operating power at operating speed	hp (kW)	77.8 (58) rpm 2300
Power rating specification	ISO 3046	
Fuel tank capacity	gal (l)	23.8 (90)

PERFORMANCE

Drive speed 2 speed	mph (kph)	0 - 3.7 (0 - 6) 0 - 12.4 (0 - 20) 0 - 18.6 (0 - 30) option**
Bucket capacity	yd ³ (m ³)	0.98 (0.75)
Drive	Hydrostatic all-wheel drive with automotive style control	
Axles	Planetary axles	
Standard tires	405/70R18	
Steering	Hydraulically operated centrally-articulated pendulum steering	
Oscillation angle	±12°	
Articulation angle	±45°	
Working brake	Hydrostatic / mechanical	
Parking brake	Mechanical	

HYDRAULICS

Work pump	Gear pump	
Flow rate-working / option**	gpm (l/min)	16.9 (64) / 19.8 (75)
Pressure / option**	psi (bar)	3046 (210) / 3046 (210)
Hydraulic tank capacity	gal (l)	21.1 (80)

CAPACITY

Loader design	Z-bar lift frame	
Hydraulic lifting capacity	lbs (kg)	9761 (4428)
Breakout force	lbf (kN)	7711 (34.3)
Straight tipping load (bucket)	lbs (kg)	6870 (3116)
Articulated tipping load (bucket)	lbs (kg)	5609 (2544)
Straight tipping load (pallets)	lbs (kg)	5708 (2589)
Articulated tipping load (pallets)	lbs (kg)	4665 (2116)

Technical Data**WL 50****DIMENSIONS**

A - Length with standard bucket	ft-in (mm)	17' 9" (5417)
A' - Length without bucket	ft-in (mm)	14' 11" (4545)
B - Axle center to bucket pivot point	ft-in (mm)	3' 5" (1030)
C - Wheelbase	ft-in (mm)	6' 7" (2005)
D - Axle center to rear overhang	ft-in (mm)	4' 9" (1445)
E - Overhead loading height*	ft-in (mm)	10' 2" (3094)
F - Max. height of bucket pivot point*	ft-in (mm)	10' 11" (3336)
H - Max. dumping height*	ft-in (mm)	8' 5" (2569)
I - Scraping depth*	in (mm)	2 (50)
K - Reach at max. dump height*	ft-in (mm)	2' 4" (723)
L - Height of cab*	ft-in (mm)	8' 6" (2602)
M - Total working height*	ft-in (mm)	13' 5" (4090)
N - Maximum dumping angle		38°
O - Reverse roll angle on ground		43°
P - Reverse roll angle at max. lift height		45°
Q - Inside turning radius*	ft-in (mm)	5' 1" (1546)
R - Overall width*	ft-in (mm)	6' (1840)
T - Ground clearance*	ft-in (mm)	1' 3" (377)
V - Width across cab	ft-in (mm)	4' 1" (1251)
W - Track width*	ft-in (mm)	4' 7" (1400)
Z - Maximum turning radius	ft-in (mm)	12' 10" (3908)
Operating weight cab	lbs (kg)	10,659 (4835)

* In the event of deviating tires or reversed wheel rims the dimensions will change

** Standard with 18.6 mph unit

DEALER INSTALLED ACCESSORIES (Sold Separately)

3" seat belt, rotating beacon and solid tires

NOISE LEVEL

Noise level (LWA) 101 dB(A)

Standard Package

Wheel Loader includes operator's manual and parts book.

WL 50

Model Guide

WL = Wheel Loader
50 = Weight in metric tons 5.0

Please refer to our Price List and Ordering Guide for complete accessory information.

Specifications may change due to continuous product development. Users are advised to consult Wacker Neuson's Operator's Manual and website for specific information regarding the engine power rating. Actual power output may vary due to conditions of specific use.

