

EW100

Wheeled Excavators



**WACKER
NEUSON**
all it takes!



The future of urban excavation

The new EW100 features a more powerful engine, significantly reduced turning radius, increased digging depth and simplified operation. Wheeled excavators save contractors and municipalities money with unparalleled mobility. With its power, reach and mobility, this excavator is the perfect solution for roadside digging and demolition in urban settings. Operators will also appreciate the new easy to use dial control system. Using this automotive-style feature, operators can easily select and save the auxiliary hydraulic flow settings depending on the attachment, eliminating the need for manual adjustments.

- Powerful Perkins 854E Tier 4 Final Turbo engine delivers superior horsepower. The 4-cylinder, 3.4 liter engine incorporates cutting edge technology including a common rail fuel injection system, charge-air cooler and diesel particulate filter (DPF).
- Articulated triple boom offers increased digging area through an extended dig range, allowing the operator to reach farther, dig closer to the blade and reach under the machine when needed
- All wheel steering feature delivers a turning radius of 13-feet making it even easier to maneuver in confined areas.
- Operator comfort with air conditioning, automatic climate control and a simplified layout.
- Driving speeds up to 18.6 mph make getting to and around the job site more efficient.

EW100 Technical specifications

EW100

Operating data

Shipping weight min.	20,373 lb
Operating weight	21,352 - 24,330 lb
Biting force max.	10,566 lbf
Breakout force max.	11,308 lbf
Digging depth max.	167.21 in
Dumping height	233.76 - 244.32 in
Dump height max.	244.32 in
Digging radius max.	319.42 in

Engine / Motor

Engine / Motor manufacturer	Perkins
Engine / Motor type	904J-E36TA
Engine / Motor	Water-cooled, 4-cylinder turbo diesel engine
Displacement	220.88 in ³
RPM / speed	1,850 rpm
Engine performance according to ISO	74.24 hp
Battery	100 CCA
Fuel tank capacity	44.9 US gal

Hydraulic system

Duty pump	1-pump Load Sensing
Flow rate	47.6 US gpm
Max. flow rate	32.5 + 50.2 US gpm
Operating pressure for driving hydraulics	6,381.76 psi
Operating pressure for working hydraulics	4,206.16 psi
Hydraulic oil tank	31.7 US gal

Undercarriage

Axles Front axle	Oscillating steering axle
Axles Rear axle	Rigid steering axle
Tires Standard	8.25-20 14 PR Twin Tires
Turning radius	219.3 in
Track width	76.5 in
Ground clearance	14.2 in
Travel speed	12.4 mph
Travel speed Option	18.6 mph

Dozer Blade

Width	97.1 in
Height	19.7 in
Stroke - Above ground	19.86 in

Stroke - Below ground

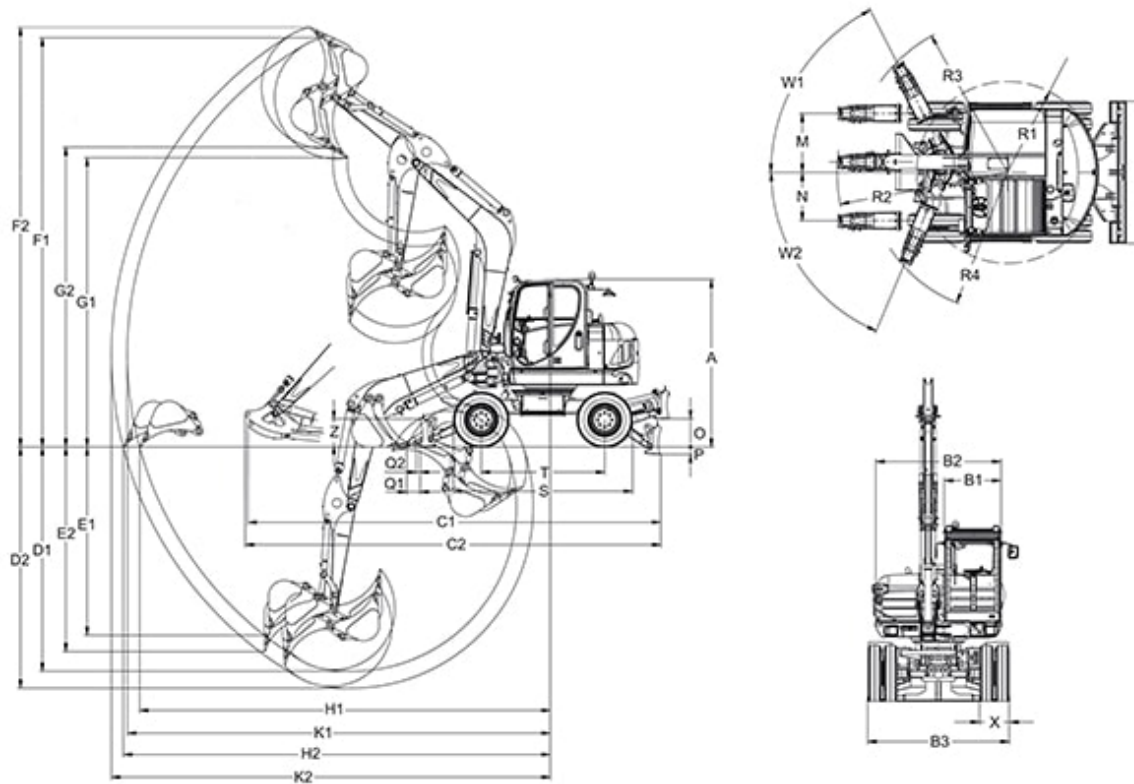
5.2 in

Sound level

Sound level (LwA)

99 dB(A)

EW100 Dimensions



A	Height	117.7 in
B	Width - Cab	38.9 in
B	Width - Revolving superstructure	85.6 in
B	Width - Chassis	96.6 in
C	Transport length - short dipperstick	262.25 in
C	Transport length - long dipperstick	271.31 in
D	Digging depth max. - short dipperstick	155.28 in
D	Digging depth max. - long dipperstick	167.21 in
E	Insertion depth - short dipperstick	135.89 in
E	Insertion depth - long dipperstick	147.36 in
F	Insertion height - short dipperstick	318.63 in
F	Insertion height - long dipperstick	329.19 in
G	Dump height max. - short dipperstick	233.76 in
G	Dump height max. - long dipperstick	244.32 in
K	Digging radius max. - short dipperstick	307.79 in
K	Digging radius max. - long dipperstick	319.42 in
H	Range - short dipperstick	299.52 in
H	Range - long dipperstick	311.38 in
J	Rear swivel radius	62.05 in
M	Arm displacement to centre of bucket, right side	40.3 in

N	Arm displacement to centre of bucket, left side	33.1 in
O	Lift height - Above ground	19.8 in
P	Scraping depth - Below ground	5.2 in
S	Length - Track	125.7 in
W	Turning angle - Boom system to the right	63 °
W	Turning angle - Boom system to the left	67 °
R	Boom slewing radius - Middle	125.73 in
R	Boom slewing radius - Right	115.4 in
R	Boom slewing radius - Left	103.98 in
X	Width - Tires	20.2 in
Y	Width - Dozer blade	97 in
Z	Height - Dozer blade	20 in

ds...dipperstick

Please note: that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.
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