

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).
- All wheel steering feature delivers a turning radius of 13-feet making it even easier to maneuver in confined areas.
- New and improved boom system features a 14-foot dig depth and 24-foot reach.
- 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.	169.2 in
Dump height max.	210.5 in
Digging radius max.	308 in

Engine / Motor

Engine / Motor manufacturer	Perkins
Engine / Motor type	854E-E34TA
Engine / Motor	Liquid-cooled, 4-cylinder turbo diesel engine
Displacement	201.3 in ³
RPM / speed	2,400 rpm
Engine performance according to ISO	73.7 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	47.56 + 38.31 US gpm
Operating pressure for driving hydraulics	6,382 psi
Operating pressure for working hydraulics	4,206 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

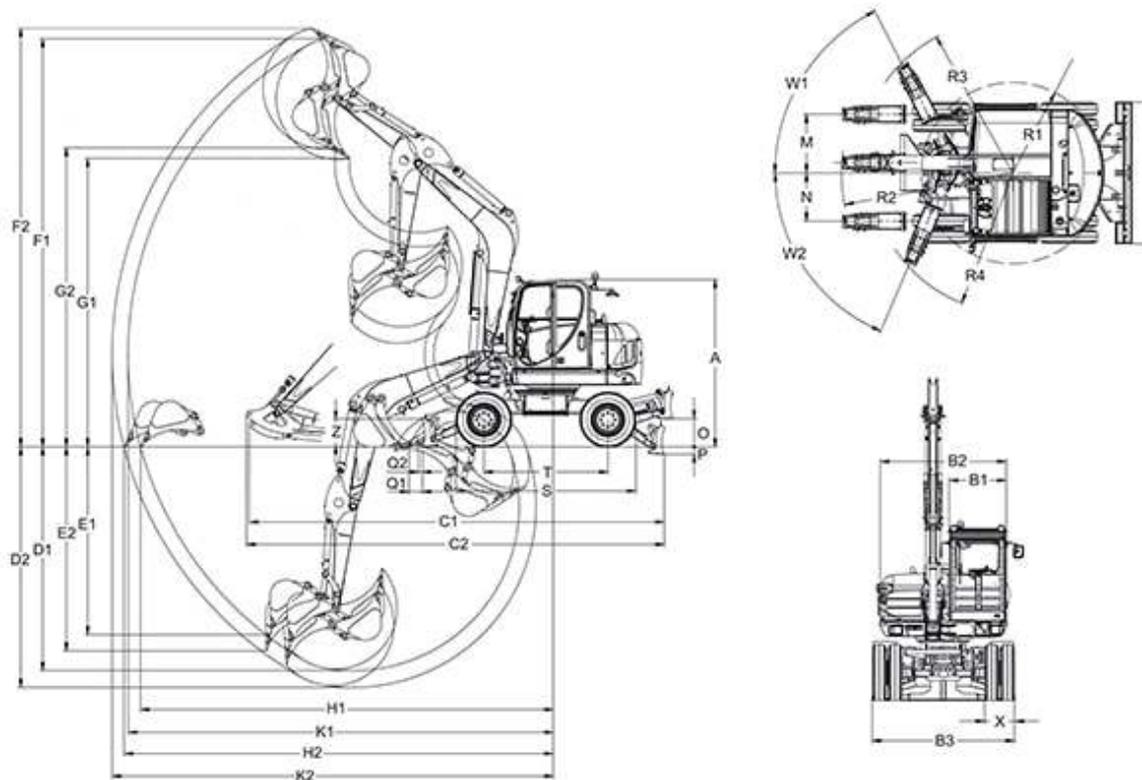
Width	97.1 in
Height	19.7 in
Stroke - Above ground	19.6 in
Stroke - Below ground	5.2 in

Sound level

Sound level (L_{wA})

101 dB(A)

EW100 Dimensions



A	Height	117.7 in
B	Width - Cab	38.9 in
B	Width - Revolving superstructure	85.6 in
B	Width - Chasiss	96.6 in
C	Transport length	288 in
D	Digging depth max.	169.2 in
E	Insertion depth	143.6 in
F	Insertion height	294.6 in
G	Dump height max.	210.5 in
K	Digging radius max.	308 in
H	Range	299.6 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	116.3 in

R	Boom slewing radius - Right	106.6 in
R	Boom slewing radius - Left	103.9 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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