

ET145

Tracked Conventional Tail Excavators



**WACKER
NEUSON**
all it takes!



Compact excavator in a new weight class

The ET145 is a compact excavator designed for power and productivity. This 14-ton excavator combines the productivity of a larger crawler excavator with the versatility and accessibility of a compact excavator. The 73.8-hp, Tier 4 Final turbo charged engine along with an optimized power train utilizes a constant power concept to deliver maximum horsepower and torque, regardless of the load on the engine. The 127-degree boom swing allows the operator to dig along walls and trenches, work around pipes and dig along traffic lines while maintaining a compact footprint.

- High performance hydraulics enable spontaneous actuation of the hydraulic functions and maximum working speed
- Ergonomically designed, spacious cab provides visibility of the entire work site
- Designed for long hours of operation with intuitive, easy to reach controls. A 7-inch high resolution color screen displays central functions controlled by the jog dial and the back-up camera
- Solid cast dozer blade enhances stability and provides additional functionality for backfilling and grading
- Three track options, steel, rubber and hybrid, enable the machine to operate efficiently in any application

ET145 Technical specifications

Operating data

Shipping weight min.	32,886 lb
Operating weight	34,284 - 36,012 lb
Biting force max.	15,512 lbf
Breakout force max.	20,458 lbf
Digging depth max.	215.8 in
Dumping height	221.3 - 235.6 in
Digging radius max.	343.6 in
Superstructure slewing speed	11.6 rev/min
L x W x H	306.6 x 98 x 109.7 in

Engine / Motor

Engine / Motor manufacturer	Perkins
Engine / Motor type	854F-E34TAWF
Engine / Motor	4-cylinder turbo diesel engine with water cooling
Displacement	207.4 in ³
RPM / speed max., without load	2,200 rpm
Engine performance acc. to ISO	73.8 hp
Battery	120 CCA
Fuel tank capacity	54.2 US gal
Voltage	12 V
Input current	120 A

Hydraulic system

Duty pump	2 variable pumps, 2 gear wheels
Flow rate	77.1 US gpm
Max. flow rate	33.29 + 33.29 US gpm
Max. flow rate	5.68 + 8.45 US gpm
Operating pressure for working and traction hydraulics	4,931 psi
Operating pressure Slewing gear	4,641 psi
Hydraulic oil tank	29.1 US gal

Undercarriage

Travel speed max.	3.1 mph
Chain width	19.7 in
Ground clearance	18.9 in

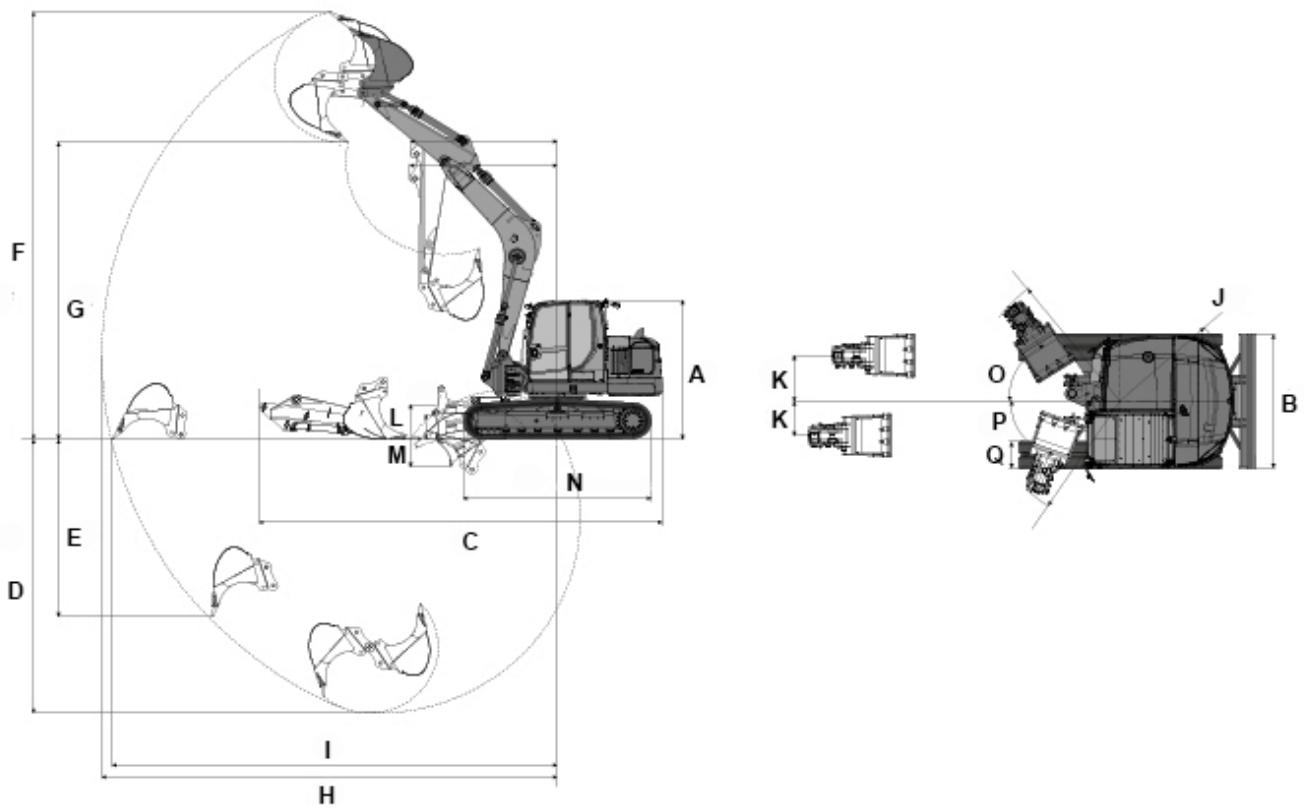
Dozer Blade

Width	98 in
Height	23.6 in
Stroke - Above ground	19.4 in
Stroke - Below ground	20.9 in

Sound level

Sound level (LwA) acc. to 2000/14/EC	99 dB(A)
Cabin - specified sound pressure level LpA acc. to ISO 6394	75 dB(A)

ET145 Dimensions



		Rubber/steel track	Hybrid track
A	Height	109.7 in	111.2 in
B	Width	98 in	98 in
C	Transport length	306.6 in	305.9 in
D	Digging depth max.	215.8 in	214.3 in
E	Insertion depth	139.8 in	138.2 in
F	Insertion height	336.7 in	338.2 in
G	Dump height max.	234.1 in	235.6 in
H	Digging radius max.	343.6 in	343.6 in
I	Range	335.7 in	335.2 in
J	Rear swivel radius	79.4 in	79.4 in
K	Arm displacement to centre of bucket, right side	33.3 in	33.3 in
K	Arm displacement to centre of bucket, left side	25.1 in	25.1 in
L	Lift height - Above ground	19.4 in	20.9 in
M	Scraping depth - Below ground	20.9 in	19.4 in
N	Length - Track	141.9 in	144.2 in
O	Turning angle - Boom system to the right	57 °	57 °
P	Turning angle - Boom system to the left	70 °	70 °
Q	Chain width	19.7 in	19.7 in
--	Boom slewing radius - Right	104.1 in	104.1 in

--	Boom slewing radius - Left	91.4 in	91.4 in
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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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