

ET145

Tracked Conventional Excavator

The champion in the compact class

The ET145 is one of the world's largest compact excavators, providing the power and performance of a larger model in a more compact package. It offers a perfect balance of power, maneuverability and stability. The ET145 features the most up-to-date innovations for comfortable and intuitive operation to tackle even bigger jobs.

Highlights

- Swivel bracket
- Comfortable, fully glazed cab
- 7-inch display and rear-view camera
- Up to 5 additional control circuits ex work
- AUX II

Technical Data

Hydraulic

Operating pressure hydraulics	4,640.0 psi
Hydraulicpump	Double variable and 2 gear pumps
Flow rate max.	80.6 gal/mi
Tank capacity	29.1 gal US

Mechanical - Output Details

Travel speed	3.2 m/H

Mechanical Details

Length	306.6 in
Width	98.0 in
Height	109.7 in
Operating weight (min.-max.)	34,284.1 - 38,084.9 lb
Digging depth (max.)	214.3 in

Engine

Cooling	Water-cooling
Engine type	Diesel engine
Cylinder	4.0
Cylinder capacity	221.0 Inch3
Fuel	Diesel EN 590
Effective power	73.8 hp
Nominal Engine speed	2,050.0 1/min
Exhaust-gas limit	EU Stage V
Battery capacity (nom. value)	120.0 Ah
Engine Manufacturer	Perkins
Engine Designation	904J-E36TA

Environment Data

Sound power LWA, guaranteed	99.0 dB(A)

Chassis

Operating pressure	3,480.0 psi

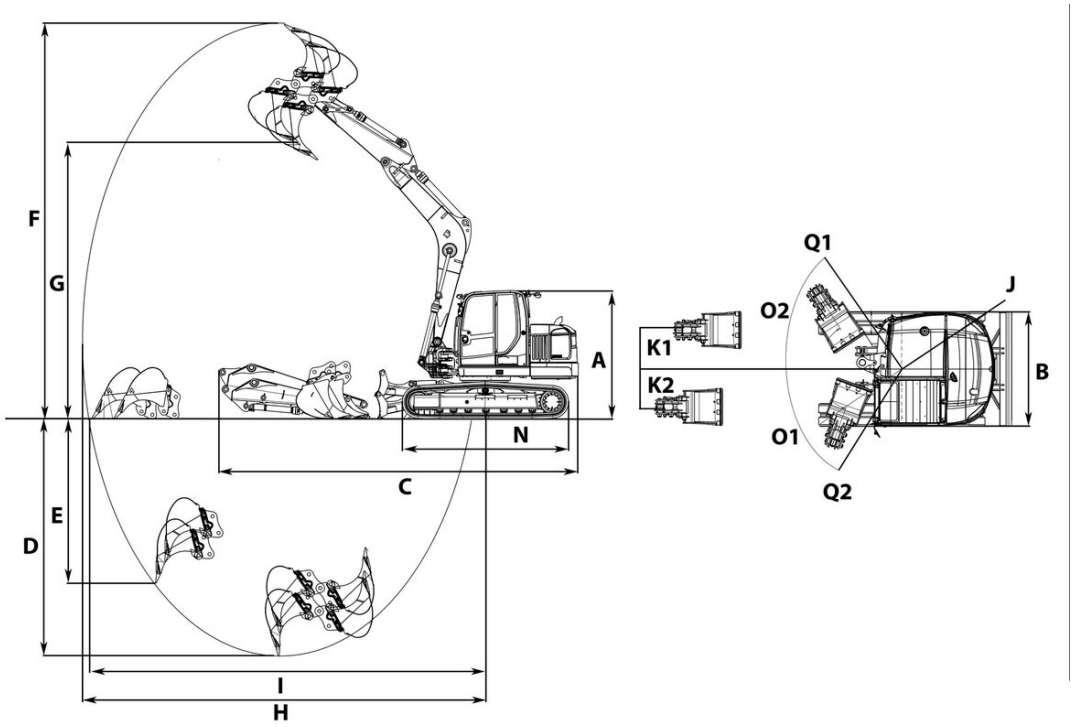
Shipping and Storage

Shipping weight	32,886.4 lb

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Dimensions



		Rubber-steel track	Hybrid track
A	Height with cab	109.77 in	111.31 in
B	Width of dozer blade	98.0 in	98.0 in
C	Transport length short shovel arm	304.17 in	303.3 in
	Transport length long shovel arm	306.85 in	306.1 in
D	Digging depth max., short shovel arm	196.25 in	194.71 in
	Digging depth max., long shovel arm	215.95 in	214.41 in
E	Piercing depth max., short shovel arm	121.71 in	120.17 in
	Piercing depth max., long shovel arm	139.87 in	138.33 in
F	Piercing height max., short shovel arm	324.18 in	325.72 in
	Piercing height max., long shovel arm	336.95 in	338.49 in
G	Dumping height max., short shovel arm	221.43 in	222.96 in
	Dumping height max., long shovel arm	234.23 in	235.73 in
H	Digging radius max., short shovel arm	325.48 in	325.52 in
	Digging radius max., long shovel arm	343.84 in	343.84 in
I	Max. reach at ground level (short shovel arm)	316.93 in	316.46 in
	Max. reach at ground level (long shovel arm)	335.96 in	335.49 in
J	Tail swing radius	79.47 in	79.51 in
K1	Boom offset max. (to center of bucket right side)	33.33 in	33.33 in
K2	Boom offset max. (to center of bucket left side)	25.14 in	25.14 in
N	Length travel drive	142 in	144.28 in
O1	Max. swivel angle (arm system to the left)	70 °	70 °
O2	Max. swivel angle (arm system to the right)	57 °	57 °
Q1	Boom swing radius right	104.13 in	104.13 in
Q2	Boom swing radius left	91.49 in	91.49 in

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