



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
Hydraulic pump	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
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Mechanical Details

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

Engine

Cooling	Water-cooling
Engine type	Diesel engine

Cylinder	4.0
Cylinder capacity	221.0 Inch ³
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 level LpA	75.0 dB(A)
Sound power LWA, guaranteed	99.0 dB(A)

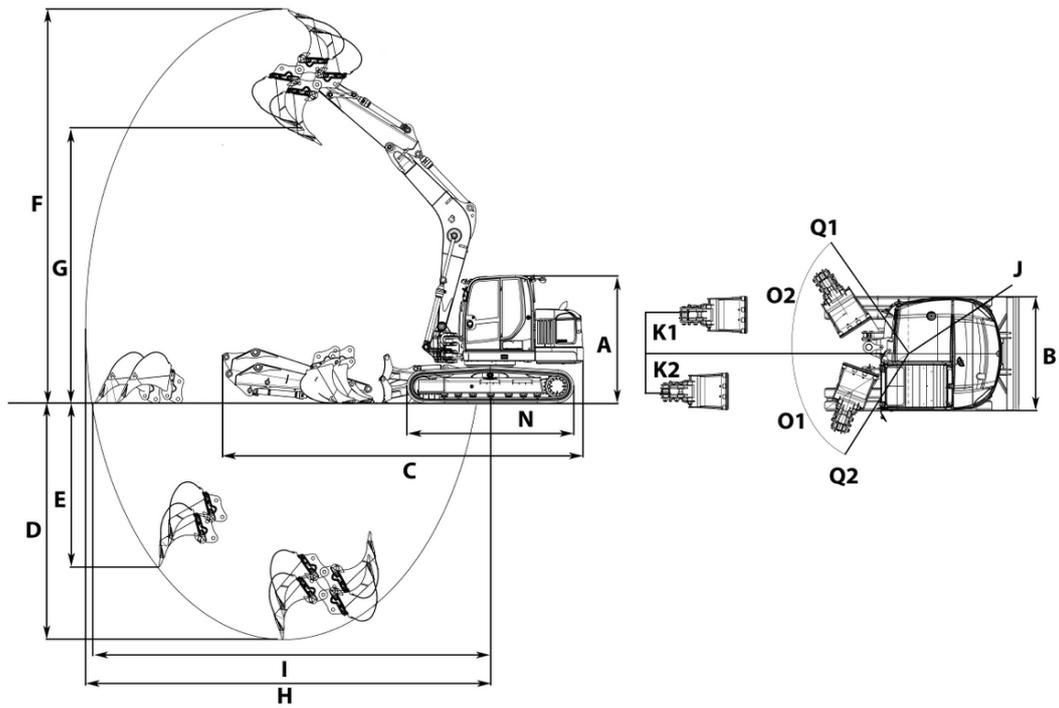
Chassis

Operating pressure	3,480.0 psi
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Shipping and Storage

Shipping weight	32,886.4 lb
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Dimensions



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