



ET65

Tracked Conventional Excavator

the most powerful in its class

The ET65 is an excavator that users want. A high-performance machine that surprises with its compact design and maneuverability. The strong excavation performance thanks to high digging forces and the powerful engine are additional plus points that make the excavator an all-rounder on the construction site.

Highlights

- Powerful drive system with LUDV
- Triple boom
- 3-point kinematics
- More cab comfort
- Up to four additional factory-installed control circuits

Technical Data

Hydraulic

Operating pressure	3,480.0 psi
hydraulikpump	Variable displacement and gear pump
Flow rate	38.0 gal/mi
Flow rate max.	38.0 gal/mi
Tank capacity	24.3 gal US

Mechanical - Output Details

Travel speed	3.2 m/H
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Mechanical Details

Length	241.6 "
Width	76.8 "
Height	97.6 "
Operating weight (min.-max.)	13,399.7 - 16,221.6 lb
Digging depth (max.)	164.7 "

Engine

Cooling	Water-cooling
Motor type	Turbodieselengine

Cylinder	4.0
Cylinder capacity	135.2 Inch3
Inclined position max.	30.0 °
Fuel type	Diesel EN 590
Effective power	56.3 hp
Nominal Engine speed	2,000.0 1/min
Exhaust-gas limit	EU Stage V
Battery capacity (nom. value)	100.0 Ah
Manufacturer	Perkins
Engine designation	404J-E22T

Environment Data

Sound level LpA	77.0 dB(A)
Sound power LWA, guaranteed	97.0 dB(A)

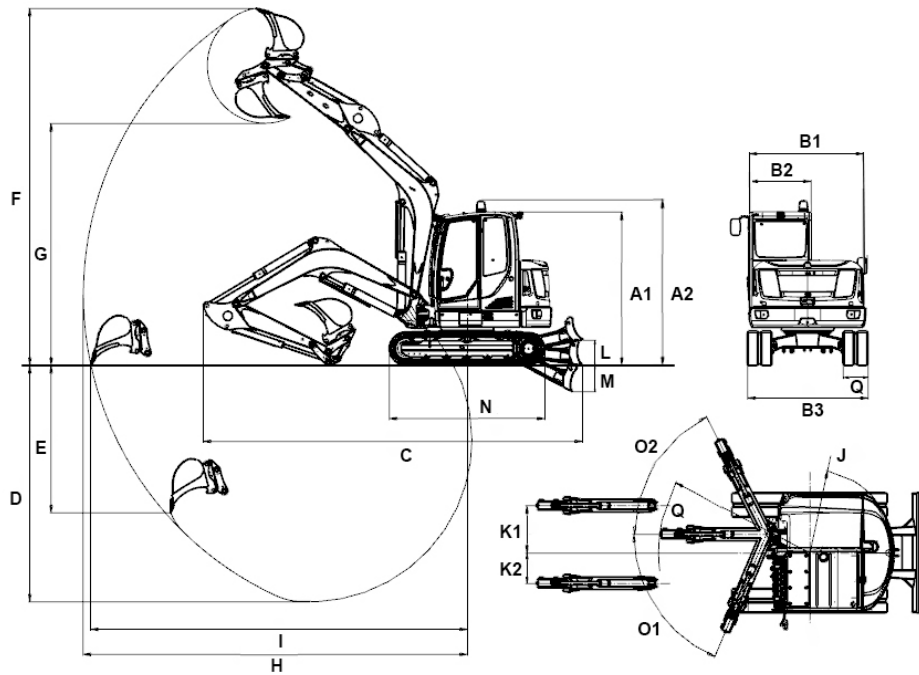
Chassis

Operating pressure	3,480.0 psi
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Shipping and Storage

Shipping weight	12,800.0 lb
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Dimensions



A1	Height with cab	97.6 in
A3	Height of dozer blade	16.67 in
A2	Total height with rotating beacon	104.5 in
B1	Width of upper carriage	74.94 in
B2	Width of cab	39.4 in
B3	Width travel gear	76.83 in
B5	Width of dozer blade	76.83 in
C	Transport length short shovel arm	241.8 in
	Transport length long shovel arm	241.44 in
D	Digging depth max., short shovel arm	150.74 in
	Digging depth max., long shovel arm	162.56 in
E	Piercing depth max., short shovel arm	93.89 in
	Piercing depth max., long shovel arm	104.65 in
F	Piercing height max., short shovel arm	227.46 in
	Piercing height max., long shovel arm	234.63 in
G	Dumping height max., short shovel arm	154.13 in
	Dumping height max., long shovel arm	161.3 in
H	Digging radius max., short shovel arm	245.07 in
	Digging radius max., long shovel arm	256.26 in
I	Max. reach at ground level (short shovel arm)	240.22 in
	Max. reach at ground level (long shovel arm)	251.65 in
J	Tail swing radius	53.7 in
	Tail swing radius with tail weight	58.35 in
K1	Boom offset max. (to center of bucket right side)	30.18 in
K2	Boom offset max. (to center of bucket left side)	19.38 in
L	Stacking height max. (dozer blade above surface)	15.88 in
M	Digging depth max. (dozer blade below surface)	16.82 in
N	Length travel drive	99.13 in
O1	Max. swivel angle (arm system to the left)	67 °
O2	Max. swivel angle (arm system to the right)	63 °
P1	Track width	15.76 in
Q1	Boom swing radius center	96.65 in
Q2	Boom swing radius right	93.46 in
Q3	Boom swing radius left	74.94 in