



ET145

Tracked Conventional Tail Excavators



ET145 - The champion of the compact excavators.

Wacker Neuson's ET145 offers massively enhanced performance, without the size of the excavator ever posing a problem. Its performance, stability, and agility are perfectly balanced.

- High tonnage with compact dimensions.
- Tail-swing console and side-mounted boom cylinder for a small front swing radius.
- Engine at rear and side-mounted hydraulic control block for unimpeded view to the right.
- The high-performance hydraulics enables spontaneous actuation of the hydraulic functions and maximum working speed.
- Spacious and user friendly designed cab with air-conditioning as standard.



Technical specifications

Operating data

Shipping weight min.	14,917 kg
Operating weight min.	15,551 kg
Biting force max. (ISO 6015)	69 kN
Breakaway force max. (ISO 6015)	91 kN
Digging depth	5,481 mm
Dumping height max.	5,945 mm
Digging radius	8,727 mm
Superstructure slewing speed	11.6 1/min
L x W x H	7,720 x 2,490 x 2,785 mm

Engine / Motor

Engine / Motor manufacturer	Perkins
Engine / Motor type	854E
Engine / Motor	4-cylinder turbo diesel engine with water cooling
Displacement	3,300 cm ³
Engine performance acc. to ISO	55 kW
Tank capacity	205 l

Hydraulic system

Duty pump	2 variable pumps, 2 gear wheels
Operating pressure for working and traction hydraulics	320 bar
Operating pressure Slewing gear	310 bar
Hydraulic oil tank	110 l

Wheel set

Travel speed max.	5.1 km/h
Gradeability	30 %
Chain width	500 mm
Ground clearance	480 mm



Dozer Blade

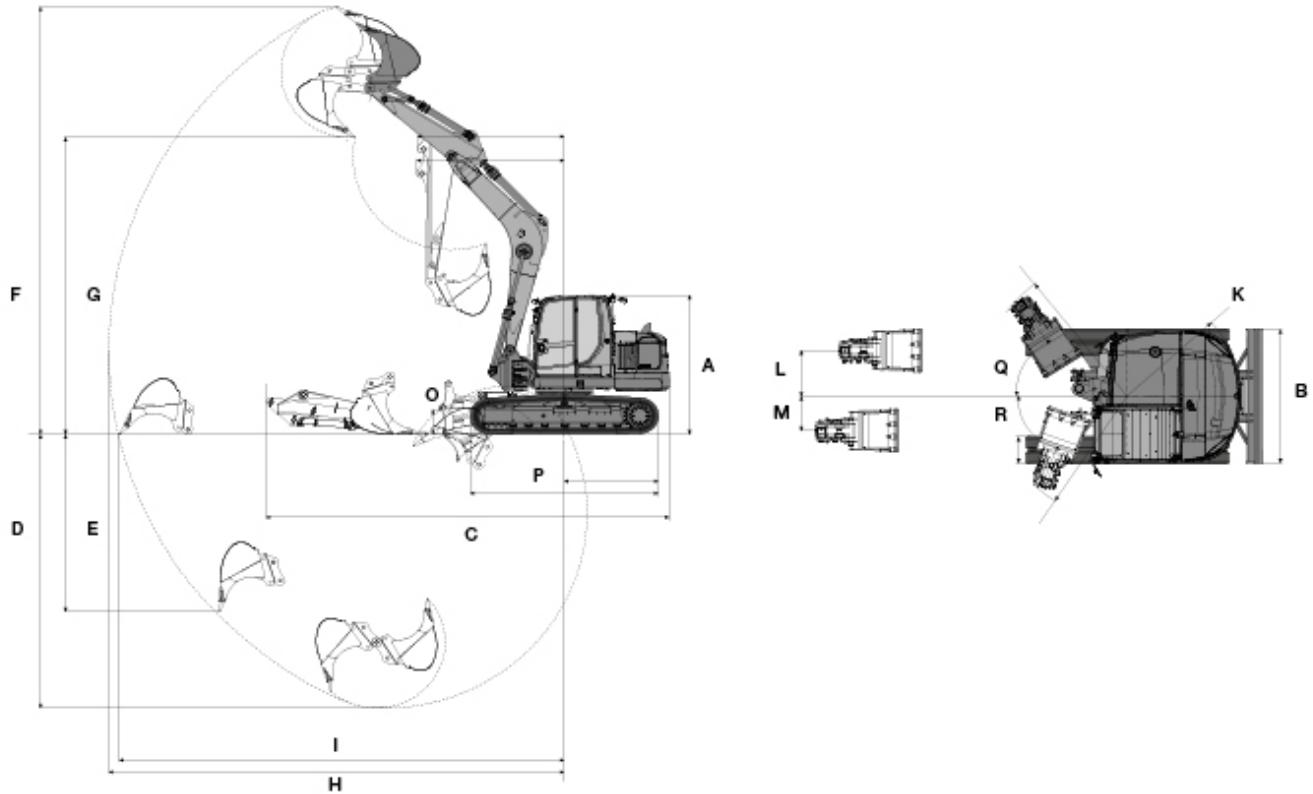
Stroke Dozer blade above ground	531 mm
Stroke Dozer blade below ground	495 mm

Sound level

Sound level (LwA) acc. to 2000/14/EC	96 dB(A)
Cabin - specified sound pressure level LpA acc. to ISO 6394	75 dB(A)



Dimensions



A	Height mm	2,786
B	Width mm	2,490
C	Transport length (short bucket arm) mm	7,721
C	Transport length (long bucket arm) mm	7,788
D	Digging depth max. (short bucket arm) mm	4,981
D	Digging depth max. (long bucket arm) mm	5,481
E	Insertion depth max. vertical (short bucket arm) mm	3,088
E	Insertion depth max. vertical (long bucket arm) mm	3,548
F	Insertion height max. (short bucket arm) mm	8,300
F	Insertion height max. (long bucket arm) mm	8,600
G	Dumping height max. (short bucket arm) mm	5,620
G	Dumping height max. (long bucket arm) mm	5,945
H	Digging radius max. (short bucket arm) mm	8,261



H	Digging radius max. (long bucket arm) mm	8,727
I	Range max. span on the ground (short bucket arm) mm	8,044
I	Range max. span on the ground (long bucket arm) mm	8,527
K	Rear swivel radius mm	2,018
L	Arm displacement max. boom offset to centre of bucket right side mm	850
M	Arm displacement max. boom offset to centre of bucket left side mm	640
O	Lift height mm	480
	Boom slewing radius mm	2,321
P	Length track mm	3,605
Q	Turning angle max. - boom arm to the right °	57
R	Turning angle max. - boom arm to the left °	70
	Chain width mm	500

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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