ET145

Tracked Conventional Tail Excavators







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. Up to 5 additional control circuits, of which 3 are individually adjustable, for multifunctional attachments and extensive application areas.

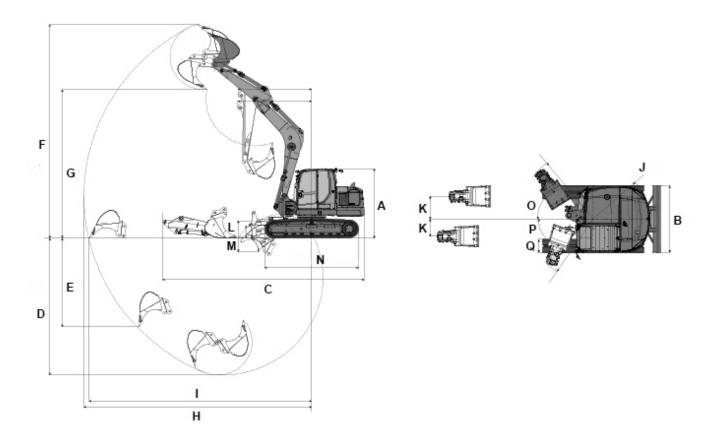
- High tonnage with compact dimensions.
- Tail-swing console and side-mounted boom cylinder for a small front swing radius.
- Engine at rear and side-mounted hydraulic control block for unimpeded view to the right.
- The high-performance hydraulics enables spontaneous actuation of the hydraulic functions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

ET145 Technical specifications

Operating	data

Shipping weight min. 14,917 kg Operating weight 15,551-16,335 kg Bitking force max. 91 kN Digging depth max. 5,481 mm Dumping height 5,620-5,983 mm Digging radius max. 8,727 mm Superstructure slewing speed 11,61 min L W X H 7,720 x 2,490 x 2,786 mm Engine / Motor Perkins Engine / Motor type 854F-834TAWF Engine / Motor type 854F-834TAWF Engine / Motor with with used of the company of the	Operating data	
Bitting force max. 69 kl N Breakout force max. 91 kl N Digging depth max. 5,820 -5,983 mm Digging radius max. 8,727 mm Superstructure slewing speed 11.6 1/min L x W x H 7,720 x 2,490 x 2,786 mm Engine / Motor Perkins Engine / Motor manufacture Perkins Engine / Motor flow of with water cooling 854F-E34TAWF Engine / Motor 4-cylinder turbo diesel engine with water cooling Displacement 3,400 cm² RPM / speed max., without load 2,200 rpm Engine performance acc. to ISO 555 kl Battery 120 Ah Tank capacity 2051 Voltage 120 Ah Tank capacity 2051 Voltage 120 Ah Tank capacity 2051 Voltage 225 L Input current 20 An Max flow rate 212 A Max flow rate 212 A Max flow rate 212 A Operating pressure for working and traction hydraulics 30 bar <td>Shipping weight min.</td> <td>14,917 kg</td>	Shipping weight min.	14,917 kg
Brakout force max. 91 kl N Digging depth max. 5.481 mm Dumping height 5.620 - 5,933 mm Digging radius max. 8.027 mm Supperstructure slewing speed 11.61 /min L x W x H 7,720 x 2,490 x 2,780 mm Engine / Motor Perkins Engine / Motor manufacturer Perkins Engine / Motor by 854F-E34TAWF Engine / Motor yoe 4-cylinder turbo diesel engine with water cooling Displacement 3,400 cm² RPM / speed max., without load 2,200 rpm Engine performace acc. to ISO 55 kW Battery 2051 Tank capacity 2051 Voltage 12 V Input current 120 A Mydraulic system 120 A Mydraulic system 2 Variable pumps, 2 gear wheels Max. flow rate 12 5 + 126 /min Max. flow rate 12 5 + 126 /min Operating pressure for working and traction hydraulics 30 bar Operating pressure for working and traction hydraulics 5 km/h Choin width 5	Operating weight	15,551 - 16,335 kg
Digging depth max. 5,481 mm Dumping height 5,620 - 5,983 mm Digging radius max. 8,727 mm Superstructure slewing speed 11.61 /min Lx W x H 7,720 x 2,490 x 2,786 mm Engine / Motor Perkins Engine / Motor type 854F-E34TAWF Engine / Motor type 854F-E34TAWF Engine / Motor 4-cylinder turbo diesel engine with water cooling of the cylinder turbo diesel engine with water cooling	Biting force max.	69 kN
Dumping height 5,620 - 5,981 mm Digging radius max. 8,727 mm Superstructure slewing speed 11.6 1/min k. W. X. H. 7,720 x 2,490 x 2,786 mm Engine / Motor Perkins Engine / Motor manufacturer Perkins Engine / Motor type 854F-E34TAW Engine / Motor type 4-cylinder turbo diesel engine with water cooling Displacement 3,400 cm² RPM / Speed max., without load 2,000 cm² Engine performance acc. to ISO 55 kW Battery 20 th Tank capacity 205 l Voltage 12 v Input current 120 m Max. flow rate 212 + 126 fmin Max. flow rate 212 + 126 fmin Max. flow rate 212 + 126 fmin Operating pressure for working and traction hydraulics 320 bm Operating pressure for working and traction hydraulics 320 bm Operating pressure for working and traction hydraulics 320 bm Operating pressure for working and traction hydraulics 5 km/n Chain width 5 km/n	Breakout force max.	91 kN
Digging radius max. 8,727 mm Superstructure slewing speed 11.6 1/min L x W x H 7,720 x 2,490 x 2,786 mm Engine / Motor Perkins Engine / Motor manufacturer Perkins Engine / Motor ftype 854F-E34TAWF Engine / Motor 4-cylinder turbo diesel engine with water cooling Displacement 3,400 cm² RPM / speed max., without load 2,200 rpm Engine performance acc. to ISO 55 kW Battery 2051 Voltage 120 kM Tank capacity 2051 Voltage 120 kM Nutrent 120 kM Max. flow rate 2 variable pumps, 2 gear wheels Max. flow rate 2 variable pumps, 2 gear wheels Max. flow rate 2 variable pumps, 2 gear wheels Max. flow rate 2 variable pumps, 2 gear wheels Operating pressure for working and traction hydraulics 3 variable pumps, 2 gear wheels Operating pressure Slewing gear 3 variable pumps, 2 gear wheels Hydraulic oil tank 5 km/m Chain width 5 km/m	Digging depth max.	5,481 mm
Superstructure slewing speed 11.6 1/min L x W x H 7,720 x 2,490 x 2,786 mm Engine / Motor Perkins Engine / Motor manufacturer Perkins Engine / Motor 4 - cylinder turbo diesel engine with water Cooling in gene from the cooling with water Cooling in growing in growin	Dumping height	5,620 - 5,983 mm
Ex W x H 7,720 x 2,490 x 2,786 mm Engine / Motor Fertins Engine / Motor Type 854F-E34TAWF Engine / Motor type 4-cylinder turbo diesel engine with water cooling of splacement Issipacement 3,400 cmm RPM / Speed max, without load 2,200 rpm Engine performance acc. to ISO 55 kW Battery 205 l Tank capacity 205 l Voltage 12 v Input current 2 variable pumps, 2 gear wheels Max. flow rate 125 + 126 l/min Max. flow rate 2 variable pumps, 2 gear wheels Max. flow rate 125 + 126 l/min Max. flow rate 125 + 126 l/min Max. flow rate 2 variable pumps, 2 gear wheels Max. flow rate 125 + 126 l/min Mydraulic off tank 5 km/h Operating pressure Slewing gear 5 km/h Travel speed max. 5 km/h Chain width 5 km/h<	Digging radius max.	8,727 mm
Engine / Motor Perkins Engine / Motor type \$54F-E34TAWF Engine / Motor type \$54F-E34TAWF Engine / Motor 4-cylinder turbo diesel engine with water cooling Displacement 3,400 cm² RPM / Speed max, without load 2,200 rpm Engine performance acc. to ISO 55 kW Battery 205 I Voltage 120 Ah Polytage 120 Ah Input current 120 Ah Max, flow rate 120 Ah Max, flow rate 2 variable pumps, 2 gear wheels Max, flow rate 126 + 126 l/min Max, flow rate 21.5 + 32 l/min Operating pressure for working and traction hydraulics 30 bar Operating pressure Slewing gear 30 bar Hydraulic oil tank 100 Undercarriage 5 km/h Tavel speed max. 5 km/h Chain width 50 cm Chain width 50 cm Chain width 5 cm Chain width 5 cm Chain width 5 cm	Superstructure slewing speed	11.6 1/min
Engine / Motor type 854F-E34TAWF Engine / Motor 4-cylinder turbo diesel engine with water cooling Displacement 3,400 cm² RPM / Speed max., without load 2,200 rpm Engine performance acc. to ISO 55 kW Battery 2051 Voltage 120 kh Input current 120 kh Max, flow rate 2 variable pumps, 2 gear wheels Max. flow rate 126 + 126 [/min Max. flow rate 2 variable pumps, 2 gear wheels Max. flow rate 125 + 32 [/min Operating pressure for working and traction hydraulics 2 variable pumps, 2 gear wheels Operating pressure for working and traction hydraulics 126 + 126 [/min Operating pressure flowing gear 320 bar Operating pressure Slewing gear 320 bar Tavel speed max. 5 km/n Chain width 500 mm Chain width 600 mm Width 60	LxWxH	7,720 x 2,490 x 2,786 mm
Engine / Motor 4-cylinder turbo diesel engine with water cooling Engine / Motor 4-cylinder turbo diesel engine with water cooling Displacement 3,400 cm² RPM / speed max., without load 2,200 rpm Engine performance acc. to ISO 55 kW Battery 205 kW Tank capacity 205 kW Voltage 120 kW Voltage 20 kW Input current 20 variable pumps. 2 gear wheels Max. flow rate 126 k+ 126 kmin Max. flow rate 21.5 + 32 kmin Operating pressure for working and traction hydraulics 340 kmin Operating pressure Slewing gear 340 kmin Widwallic oil tank 5 kmin Undercarriage 5 kmin Tokal speed max. 5 kmin Chain width 5 kmin <td>Engine / Motor</td> <td></td>	Engine / Motor	
Engine / Motor4-cylinder turbo diesel engine with water coolingDisplacement3,400 cm³RPM / speed max., without load2,200 rpmEngine performance acc. to ISO55 kWBattery120 AhTank capacity205 IVoltage12 VInput current120 AHydraulic system2 variable pumps, 2 gear wheelsMax. flow rate126 + 126 /minMax. flow rate21.5 + 32 /minOperating pressure for working and traction hydraulics340 barOperating pressure Slewing gear320 barHydraulic oil tank110 IUndercarriage110 ITravel speed max.5 km/hChain width500 mmGround clearance480 mmDozer Blade2,490 mmWidth600 mmStroke Dozer blade above ground531 mmStroke Dozer blade below ground495 mmStound level	Engine / Motor manufacturer	Perkins
Displacement 3,400 cm² RPM / speed max., without load 2,200 rpm Engine performance acc. to ISO 55 kW Battery 120 Ah Tank capacity 2051 Voltage 12 V Input current 120 A Hydraulic system Duty pump 2 variable pumps, 2 gear wheels Max. flow rate 126 + 126 l/min Max. flow rate 21.5 + 32 l/min Operating pressure for working and traction hydraulics 340 bar Operating pressure Slewing gear 320 bar Hydraulic oil tank 5 km/h Hydraulic oil tank 5 km/h Chair width 5 km/h Chain width 5 km/h Chain width 500 mm Ground clearance 480 mm Dozer Blade 2,490 mm Height 600 mm Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm Sound level	Engine / Motor type	854F-E34TAWF
RPM / speed max., without load 2,200 rpm Engine performance acc. to ISO 55 kW Battery 120 Ah Tank capacity 205 I Voltage 12 V Input current 120 A Hydraulic system Duty pump 2 variable pumps, 2 gear wheels Max. flow rate 126 + 126 l/min Max. flow rate 21.5 + 32 l/min Operating pressure for working and traction hydraulics 340 bar Operating pressure Slewing gear 320 bar Hydraulic oil tank 110 l Undercarriage Travel speed max. 5 km/h Chain width 500 mm Ground clearance 480 mm Dozer Blade 2,490 mm Height 600 mm Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm Sound level	Engine / Motor	4-cylinder turbo diesel engine with water cooling
Engine performance acc. to ISO 55 kW Battery 120 Ah Tank capacity 2051 Voltage 12 V Input current 120 A Hydraulic system Duty pump 2 variable pumps, 2 gear wheels Max. flow rate 126 + 126 l/min Max. flow rate 21.5 + 32 l/min Operating pressure for working and traction hydraulics 340 bar Operating pressure Slewing gear 320 bar Hydraulic oil tank 110 l Undercarriage Travel speed max. 5 km/h Chain width 500 mm Ground clearance 480 mm Dozer Blade 2,490 mm Height 600 mm Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm Sound level	Displacement	3,400 cm³
Battery 120 Ah Tank capacity 2051 Voltage 12 V Input current 120 A Hydraulic system Duty pump 2 variable pumps, 2 gear wheels Max. flow rate 126 + 126 l/min Max. flow rate 21.5 + 32 l/min Operating pressure for working and traction hydraulics 340 bar Operating pressure Slewing gear 320 bar Hydraulic oil tank 1101 Undercarriage Travel speed max. 5 km/h Chain width 500 mm Ground clearance 480 mm Dozer Blade 2,490 mm Height 600 mm Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm Sound level	RPM / speed max., without load	2,200 rpm
Tank capacity 2051 Voltage 12 V Input current 120 A Hydraulic system Duty pump 2 variable pumps, 2 gear wheels Max. flow rate 126 + 126 l/min Max. flow rate 21.5 + 32 l/min Operating pressure for working and traction hydraulics 340 bar Operating pressure Slewing gear 320 bar Hydraulic oil tank 110 l Undercarriage Travel speed max. 5 km/h Chain width 500 mm Ground clearance 480 mm Dozer Blade 100 mm Width 2,490 mm Height 600 mm Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm Sound level 500 ml	Engine performance acc. to ISO	55 kW
Voltage 12 V Input current 120 A Hydraulic system Duty pump 2 variable pumps, 2 gear wheels Max. flow rate 126 + 126 l/min Max. flow rate 21.5 + 32 l/min Operating pressure for working and traction hydraulics 340 bar Operating pressure Slewing gear 320 bar Hydraulic oil tank 110 l Undercarriage Travel speed max. 5 km/h Chain width 500 mm Ground clearance 480 mm Dozer Blade 2,490 mm Width 2,490 mm Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm Sound level 500 md	Battery	120 Ah
Input current 120 A Hydraulic system Duty pump 2 variable pumps, 2 gear wheels Max. flow rate 126 + 126 I/min Max. flow rate 21.5 + 32 I/min Operating pressure for working and traction hydraulics 340 bar Operating pressure Slewing gear 320 bar Hydraulic oil tank 110 I Undercarriage Travel speed max. 5 km/h Chain width 500 mm Ground clearance 480 mm Ground clearance 480 mm Dozer Blade Width 2,490 mm Height 600 mm Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm Stound level	Tank capacity	205
Hydraulic systemDuty pump2 variable pumps, 2 gear wheelsMax. flow rate126 + 126 l/minMax. flow rate21.5 + 32 l/minOperating pressure for working and traction hydraulics340 barOperating pressure Slewing gear320 barHydraulic oil tank110 lUndercarriage5 km/hTravel speed max.5 km/hChain width500 mmGround clearance480 mmDozer Blade2,490 mmHeight600 mmStroke Dozer blade above ground531 mmStroke Dozer blade below ground495 mmSound level	Voltage	12 V
Duty pump2 variable pumps, 2 gear wheelsMax. flow rate126 + 126 l/minMax. flow rate21.5 + 32 l/minOperating pressure for working and traction hydraulics340 barOperating pressure Slewing gear320 barHydraulic oil tank110 lUndercarriageTravel speed max.5 km/hChain width500 mmGround clearance480 mmDozer BladeWidth2,490 mmHeight600 mmStroke Dozer blade above ground531 mmStroke Dozer blade below ground495 mmSound level	Input current	120 A
Max. flow rate126 + 126 l/minMax. flow rate21.5 + 32 l/minOperating pressure for working and traction hydraulics340 barOperating pressure Slewing gear320 barHydraulic oil tank110 lUndercarriageTravel speed max.5 km/hChain width500 mmGround clearance480 mmDozer BladeVidth2,490 mmHeight600 mmStroke Dozer blade above ground531 mmStroke Dozer blade below ground495 mmSound level	Hydraulic system	
Max. flow rate21.5 + 32 l/minOperating pressure for working and traction hydraulics340 barOperating pressure Slewing gear320 barHydraulic oil tank110 lUndercarriageTravel speed max.5 km/hChain width500 mmGround clearance480 mmDozer Blade2,490 mmWidth2,490 mmHeight600 mmStroke Dozer blade above ground531 mmStroke Dozer blade below ground495 mmSound level	Duty pump	2 variable pumps, 2 gear wheels
Operating pressure for working and traction hydraulics340 barOperating pressure Slewing gear320 barHydraulic oil tank110 lUndercarriageTravel speed max.5 km/hChain width500 mmGround clearance480 mmDozer Blade2,490 mmWidth2,490 mmHeight600 mmStroke Dozer blade above ground531 mmStroke Dozer blade below ground495 mmSound level	Max. flow rate	126 + 126 l/min
Operating pressure Slewing gear320 barHydraulic oil tank110 lUndercarriageTravel speed max.5 km/hChain width500 mmGround clearance480 mmDozer Blade2,490 mmWidth2,490 mmStroke Dozer blade above ground531 mmStroke Dozer blade below ground495 mmSound level	Max. flow rate	21.5 + 32 l/min
Hydraulic oil tank Undercarriage Travel speed max. Chain width Ground clearance Dozer Blade Width Height Stroke Dozer blade above ground Stroke Dozer blade below ground Stroke Dozer blade below ground Stoud level	Operating pressure for working and traction hydraulics	340 bar
Undercarriage Travel speed max. 5 km/h Chain width 500 mm Ground clearance 480 mm Dozer Blade Width 2,490 mm Height 600 mm Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm Stound level	Operating pressure Slewing gear	320 bar
Travel speed max. 5 km/h Chain width 500 mm Ground clearance 480 mm Dozer Blade Width 2,490 mm Height 600 mm Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm Sound level	Hydraulic oil tank	110
Chain width 500 mm Ground clearance 480 mm Dozer Blade Width 2,490 mm Height 600 mm Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm	Undercarriage	
Ground clearance 480 mm Dozer Blade Width 2,490 mm Height 600 mm Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm	Travel speed max.	5 km/h
Dozer BladeWidth2,490 mmHeight600 mmStroke Dozer blade above ground531 mmStroke Dozer blade below ground495 mmSound level	Chain width	500 mm
Width2,490 mmHeight600 mmStroke Dozer blade above ground531 mmStroke Dozer blade below ground495 mmSound level	Ground clearance	480 mm
Height 600 mm Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm Sound level	Dozer Blade	
Stroke Dozer blade above ground 531 mm Stroke Dozer blade below ground 495 mm Sound level	Width	2,490 mm
Stroke Dozer blade below ground 495 mm Sound level	Height	600 mm
Sound level	Stroke Dozer blade above ground	531 mm
	Stroke Dozer blade below ground	495 mm
Sound level (LwA) acc. to 2000/14/EC 99 dB(A)	Sound level	
	Sound level (LwA) acc. to 2000/14/EC	99 dB(A)

ET145 Dimensions



		Rubber / steel track	Hybrid track
Α	Height	2,786 mm	2,825 mm
В	Width	2,490 mm	2,490 mm
С	Transport length (short bucket arm)	7,720 mm	7,698 mm
С	Transport length (long bucket arm)	7,788 mm	7,769 mm
D	Digging depth max. max. (short bucket arm)	4,981 mm	4,942 mm
D	Digging depth max. max. (long bucket arm)	5,481 mm	5,442 mm
Е	Insertion depth max. vertical (short bucket arm)	3,089 mm	3,050 mm
Е	Insertion depth max. vertical (long bucket arm)	3,550 mm	3,511 mm
F	Insertion height max. (short bucket arm)	8,228 mm	8,267 mm
F	Insertion height max. (long bucket arm)	8,552 mm	8,591 mm
G	Dump height max. max. (short bucket arm)	5,620 mm	5,659 mm
G	Dump height max. max. (long bucket arm)	5,945 mm	5,983 mm
Н	Digging radius max. max. (short bucket arm)	8,261 mm	8,262 mm
Н	Digging radius max. max. (long bucket arm)	8,727 mm	8,727 mm
l	Range max. span on the ground (short bucket arm)	8,044 mm	8,032 mm
I	Range max. span on the ground (long bucket arm)	8,527 mm	8,515 mm
J	Rear swivel radius	2,017 mm	2,018 mm
K	Arm displacement max. boom offset to centre of bucket right side	846 mm	846 mm

K	Arm displacement max. boom offset to centre of bucket left side	638 mm	638 mm
L	Lift height	493 mm	532 mm
М	Scraping depth	531 mm	493 mm
N	Length track	3,604 mm	3,662 mm
0	Turning angle max boom arm to the right	57 °	57 °
Р	Turning angle max boom arm to the left	70 °	70 °
Q	Chain width	500 mm	500 mm
	Boom slewing radius	2,643 mm	2,643 mm
	Boom slewing radius	2,322 mm	2,322 mm

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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