



## ET65

Tracked Conventional Tail Excavators



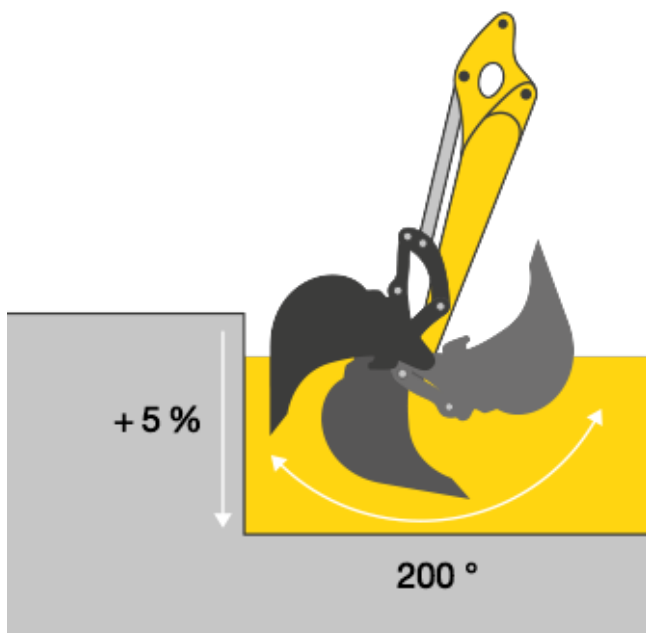
### Performance and economic efficiency perfectly combined: ET65

The ET65 is an excavator like end users want it to be. A highly efficient machine that surprises with its compact design and maneuverability. Thanks to the high digging power and the powerful engine, the strong excavation performance is added bonus points that make the excavator into an all-rounder on the construction site. With the articulated boom, it also has a large reach, digging depth and dumping height.

- Precise and sensitive operation thanks to the load sensing hydraulic system with LUDV (load-independent flow control)\*!
- Low consumption due to the economical ECO mode
- Up to 5 auxiliary control circuits for the most varied attachments
- Extremely compact and maneuverable
- Maintenance and service made easy due to the tiltable cabin as well as the diagnostic tool

\* Load-independent flow distribution

Economical and powerful

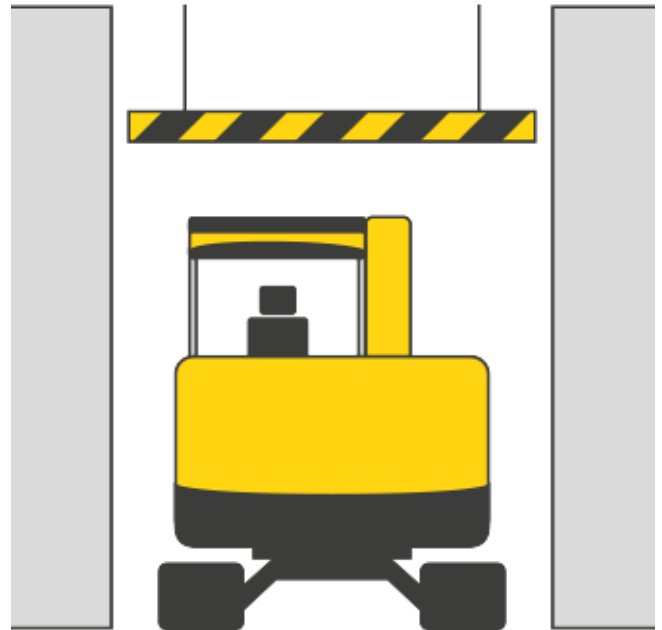


- Optimal force distribution when excavating and up to 20% more breakaway force: plunge in deeper and excavate more powerfully
- Less material loss in the bucket due to an expanded angle of rotation of 200 degrees
- Articulated boom for greater reach, digging depth and dumping height
- Up to 20% less fuel consumption



#### Reduced dimensions

- Significantly lower height and width than comparable competition models
- Easily master tight construction sites and low passages
- Higher level of stability due to the low center of gravity
- Easy to transport



#### Cabin, sight and operating comfort



- Innovative solution for the optimal view – boom to the right next to the cabin
- Operator comfort: spacious cabin, air cushioned seat and automatic air-conditioning system
- Innovative front windshield system: two-part windshield can be slid up and moved - rain roof position
- LED headlights for optimal illumination
- Rear camera for more safety when in reverse operation



#### Jog dial system

- Technology from the automotive sector
- For the direct control of central functions
- Intuitive to operate



## Technical specifications

### Operating data

Shipping weight min.	5,806 kg
Operating weight min.	6,078 kg
Biting force max.	30.8 kN
Breakaway force max.	50.7 kN
Digging depth max.	4,127 mm
Dumping height max.	4,953 mm
Digging radius max.	6,821 mm
Superstructure slewing speed	9 1/min
L x W x H	6,194 x 1,950 x 2,478 mm

### Engine / Motor

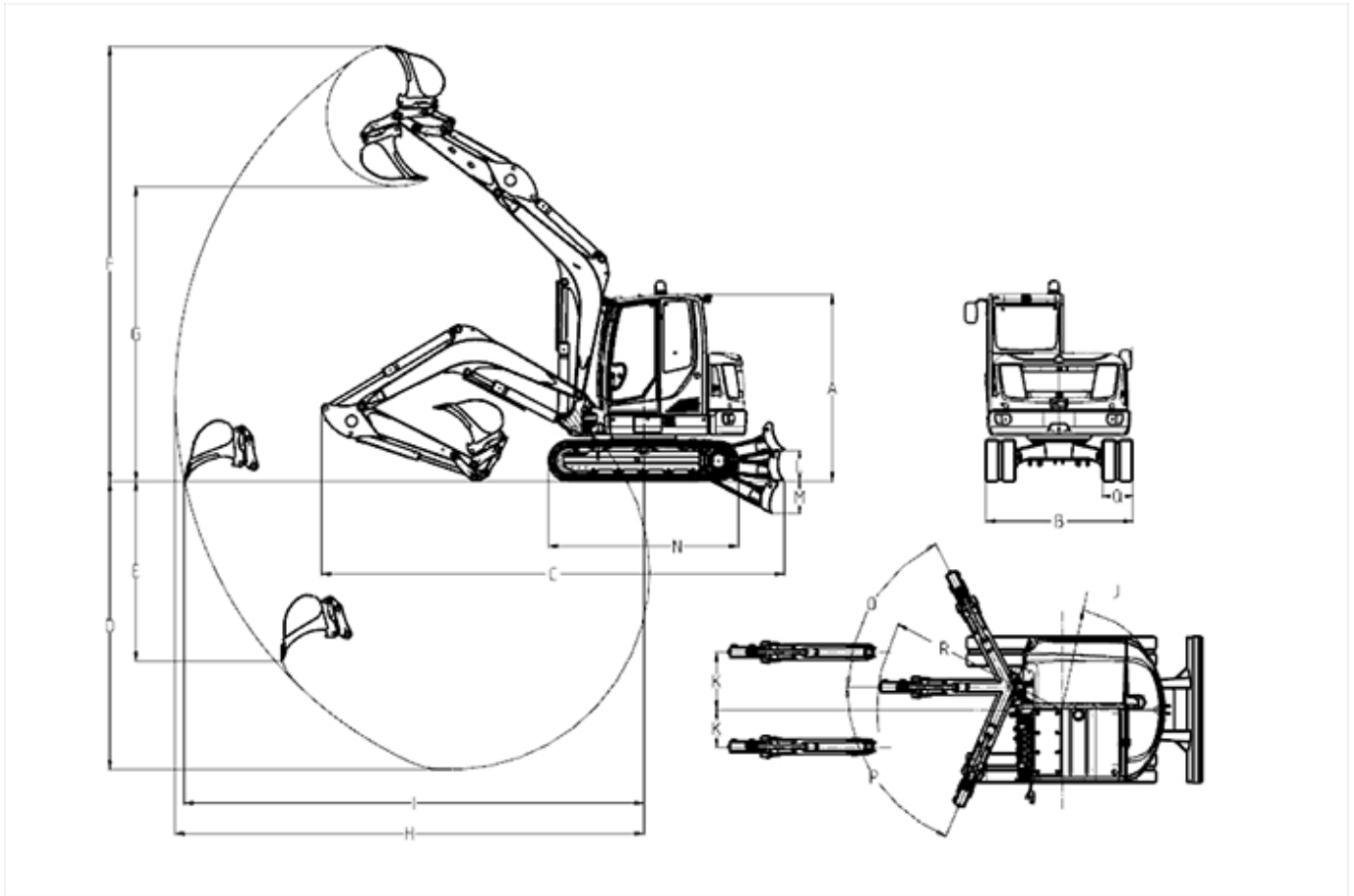
Engine / Motor manufacturer	Perkins
Engine / Motor type	404F-22T
Engine / Motor	water-cooled 4-cylinder turbo diesel engine
Displacement	2,216 cm <sup>3</sup>
RPM / speed	2,000 rpm



Engine performance according to ISO	39.5 kW
Battery	88 Ah
Tank capacity	85 l
Hydraulic system	
Duty pump	Variable displacement pump and gear pump
Flow rate	144 l/min
Operating pressure for working and driving hydraulics	240 bar
Operating pressure swing gear	215 bar
Hydraulic oil tank	92 l
Wheel set	
Travel speed max.	5.2 km/h
Chain width	400 mm
Ground clearance	284 mm
Dozer Blade	
Width	1,950 mm
Stroke dozer blade above subgrade	403 mm
Stroke dozer blade below subgrade	427 mm
Sound level	
Sound level (LwA) according to 2000/14/EC	97 dB(A)
Cabin - specified sound pressure level LpA according to ISO 6394	77 dB(A)



## Dimensions



	<b>monobloc boom</b>	<b>articulated boom</b>
<b>A</b> Height mm	0	2,478
<b>B1</b> Width Fahrwerk mm	1,950	1,950
<b>Z1</b> Transport length kurzer LS mm	6,137	6,065
<b>Z2</b> Transport length langer LS mm	6,128	6,194
<b>D1</b> Digging depth kurzer LS mm	3,826	3,893
<b>D2</b> Digging depth langer LS mm	4,126	4,193
<b>E1</b> Insertion depth kurzer LS mm	2,383	2,764
<b>E2</b> Insertion depth langer LS mm	2,656	3,036
-- Insertion height kurzer LS mm	5,773	6,537
-- Insertion height langer LS mm	5,955	6,770
<b>G1</b> Dumping height kurzer LS mm	3,912	4,664
<b>G2</b> Dumping height langer LS mm	4,094	4,898



<b>K1</b>	Digging radius kurzer LS mm	6,220	6,590
<b>K2</b>	Digging radius langer LS mm	6,504	6,877
<b>H1</b>	Range kurzer LS mm	6,097	6,475
<b>H2</b>	Range langer LS mm	6,387	6,772
<b>R1</b>	Rear swivel radius ohne Zusatzgewicht mm	1,363	1,363
<b>M</b>	Arm displacement auf Mitte Löffel rechts mm	766	766
<b>N</b>	Arm displacement auf Mitte Löffel links mm	492	492
<b>O</b>	Lift height über Planum mm	403	403
<b>P</b>	Scraping depth unter Planum mm	427	427
<b>R2</b>	Boom slewing radius Mitte mm	2,453	3,159
<b>S</b>	Length Laufwerkslänge gesamt mm	2,516	2,516
<b>W1</b>	Turning angle Armsystem nach rechts °	63	63
<b>W3</b>	Turning angle Armsystem nach links °	67	67
<b>X</b>	Chain width mm	400	400
<b>Y1</b>	Width Planierschild mm	1,950	1,950

ds = dipper stick

**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.

Copyright © 2016 Wacker Neuson SE.