



ET65

Tracked Conventional Tail Excavators

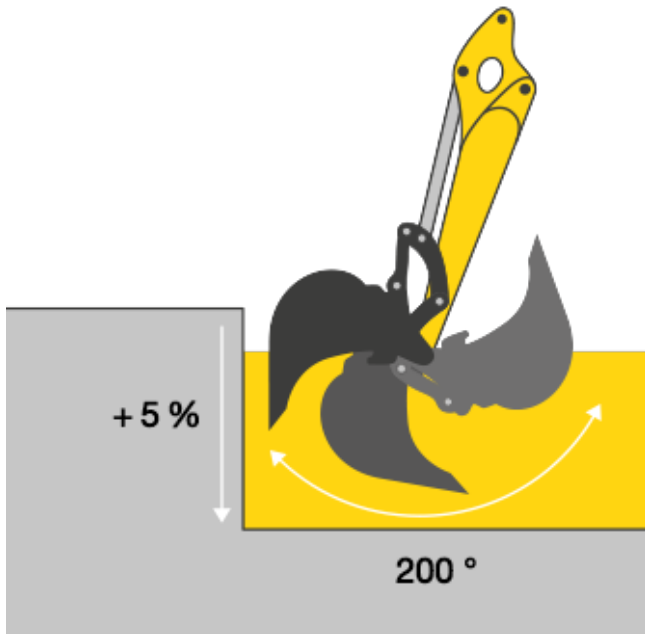


ET65 small turn excavator – powerful and agile

The minimum swing radius ET65 track excavator is powered by an economical 48.5-hp Perkins Tier 4 Final engine. It is one of the strongest machines in its weight class and performs more like a machine in the next size weight class. This 6.5-ton excavator offers one of the smoothest and most powerful hydraulic systems on the market. An in-cab electronic control pattern changeover is standard.

- The unit's compact size, high performance and low center of gravity allow this excavator to work in a variety of applications, especially in confined areas.
- The three-pin bucket linkage system provides best-in-class breakout force of 11,398 pounds of force and optimizes the bucket's angle of rotation for digging in tough conditions and to keep the load secure in the bucket before dumping
- Large ergonomically cab design offers operator comfort with 3.5-inch color LCD display, air-ride seat and air conditioning
- Unmatched visibility of the bucket and entire worksite through large windows and front and side lighting, enhancing jobsite safety
- A unique tilting operator's platform and large engine cover are the only two points of access needed to expose all maintenance components.

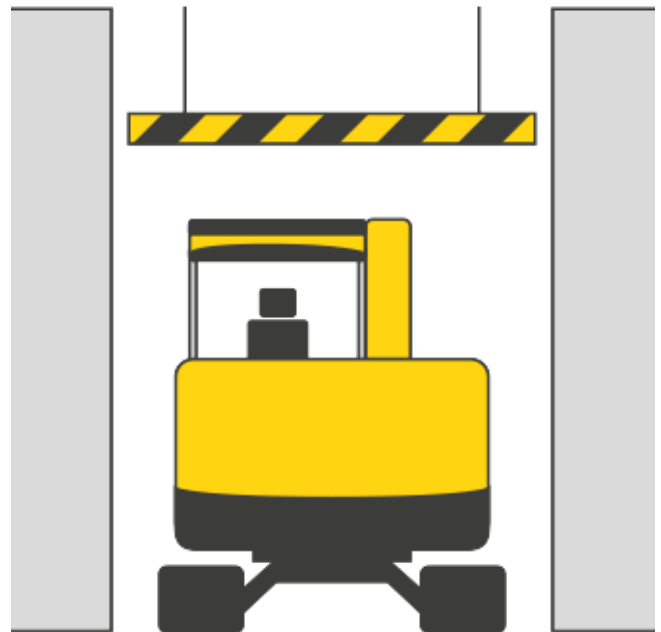
Economical and powerful



- 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
- 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.	12,799.9 lb
Operating weight min.	13,399.6 lb
Biting force max.	6,924.1 lbf
Breakaway force max.	11,397.8 lbf
Digging depth max.	161 in
Dumping height max.	193.2 in
Digging radius max.	266 in
Superstructure slewing speed	9 rev/min
L x W x H	242 x 77 x 98 in

Engine / Motor

Engine / Motor manufacturer	Perkins
Engine / Motor type	404F-22T
Engine / Motor	liquid-cooled 4-cycle turbo in-line engine
Displacement	135 in ³
RPM / speed	2,000 rpm
Engine performance according to ISO	52.9 hp
Battery	88 Ah
Tank capacity	90 US qt

Hydraulic system

Duty pump	Variable displacement pump and gear pump
Flow rate	37 US gpm
Operating pressure for working and driving hydraulics	3,481 psi
Operating pressure swing gear	3,118 psi
Hydraulic oil tank	97 US qt

Wheel set

Travel speed max.	3.2 mph
Chain width	15.6 in
Ground clearance	11.1 in



Dozer Blade

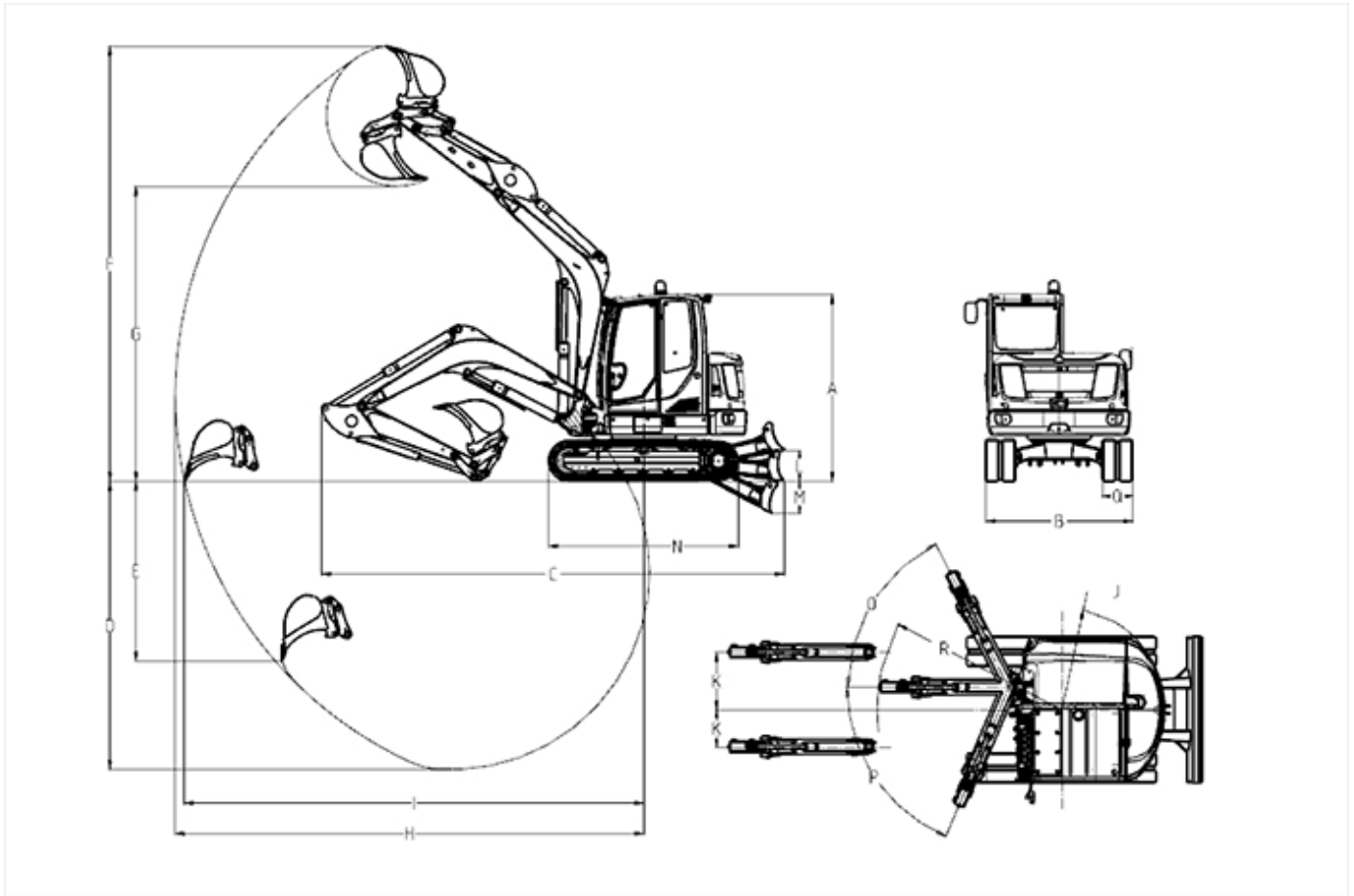
Width	76.1 in
Stroke dozer blade above subgrade	15.7 in
Stroke dozer blade below subgrade	16.7 in

Sound level

Sound level (LwA) according to 2000/14/EC	98 dB(A)
Cabin - specified sound pressure level LpA according to ISO 6394	77 dB(A)



Dimensions



	mono boom	triple boom
Height in	0	96.6
B Width chassis in	76.1	76.1
C Transport length short ds in	238.992	236.5
C Transport length long ds in	239.3	241.6
D Digging depth short ds in	149.2	151.8
D Digging depth long ds in	160.9	163.5
E Insertion depth short ds in	92.9	107.8
E Insertion depth long ds in	103.6	118.4
F Insertion height short ds in	0	254.9
F Insertion height long ds in	0	264
G Dumping height short ds in	152.6	181.9
G Dumping height long ds in	159.7	191



H	Digging radius short ds in	242.6	257
H	Digging radius long ds in	253.7	268.2
I	Range short ds in	237.8	252.5
I	Range long ds in	249.1	264.1
J	Rear swivel radius w/o counter weight in	53.2	53.2
K	Arm displacement to centre of bucket, right side in	0	29.9
K	Arm displacement to centre of bucket, left side in	0	19.2
L	Lift height above ground in	0	15.7
M	Scraping depth below ground in	15.6	16.7
R	Boom slewing radius middel in	95.7	123.2
N	Length total traveling gear in	98.1	98.1
O	Turning angle boom system to the right °	0	63
P	Turning angle boom system to the left °	0	67
Q	Chain width in	0	15.6
B	Width dozer blade in	0	76.1

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.

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