

3503

Tracked Conventional Tail Excavators



**WACKER
NEUSON**
all it takes!



Maximum power and smooth operation

The 3503 track excavator offers one of the smoothest and most powerful hydraulic systems available on the market today in this class. This 3.5-ton excavator is available in a canopy or full cab version, each with a choice of short and long dipperstick. Powered by the economical Tier 4 Final Perkins diesel engine, the 3503 track excavator offers rubber track, dozer blade and boom mounted working light all standard. The X-shaped undercarriage provides for greater lifting power and stability. Dipper stick mounted auxiliary hydraulic connection for two directions of motion and a control pattern change system.

- Conventional style excavator and powerful 4 cylinder engine for maximum digging performance
- Large engine cover and movable rear bumpers offer quick access to the engine compartment for easy serviceability.
- Adjustable armrests and seat provide the operator with an ergonomic and comfortable working environment.
- Unit equipped with pattern control selector valve for versatility and ease of use.
- Standard boom mounted working light for optimum working conditions.

3503 Technical specifications

Operating data

Shipping weight min.	7,551 lb
Operating weight	7,941 - 9,449 lb
Biting force max.	4,631 lbf
Breakout force max. max.	6,812 lbf
Digging depth max.	139.2 in
Dumping height	142.5 - 150.3 in
Digging radius max.	219.8 in
L x W x H	204.8 x 63.8 x 94.2 in

Engine / Motor

Engine / Motor manufacturer	Perkins
Engine / Motor type	404F-22
Engine / Motor	Water-cooled 4-cylinder diesel engine
Displacement	135.2 in ³
RPM / speed	1,975 rpm
Engine performance acc. to ISO	40 hp
Battery	71 CCA
Fuel tank capacity	13.7 US gal

Hydraulic system

Duty pump	Double variable and gear pump
Flow rate	30.1 US gpm
Operating pressure for working and traction hydraulics	3,481 psi
Operating pressure Slewing gear	3,046 psi
RPM / speed Superstructure	9.2 rpm
Hydraulic oil tank	13.2 US gal

Undercarriage

Travel speed max.	3.4 mph
Chain width	11.8 in
Ground clearance	11 in

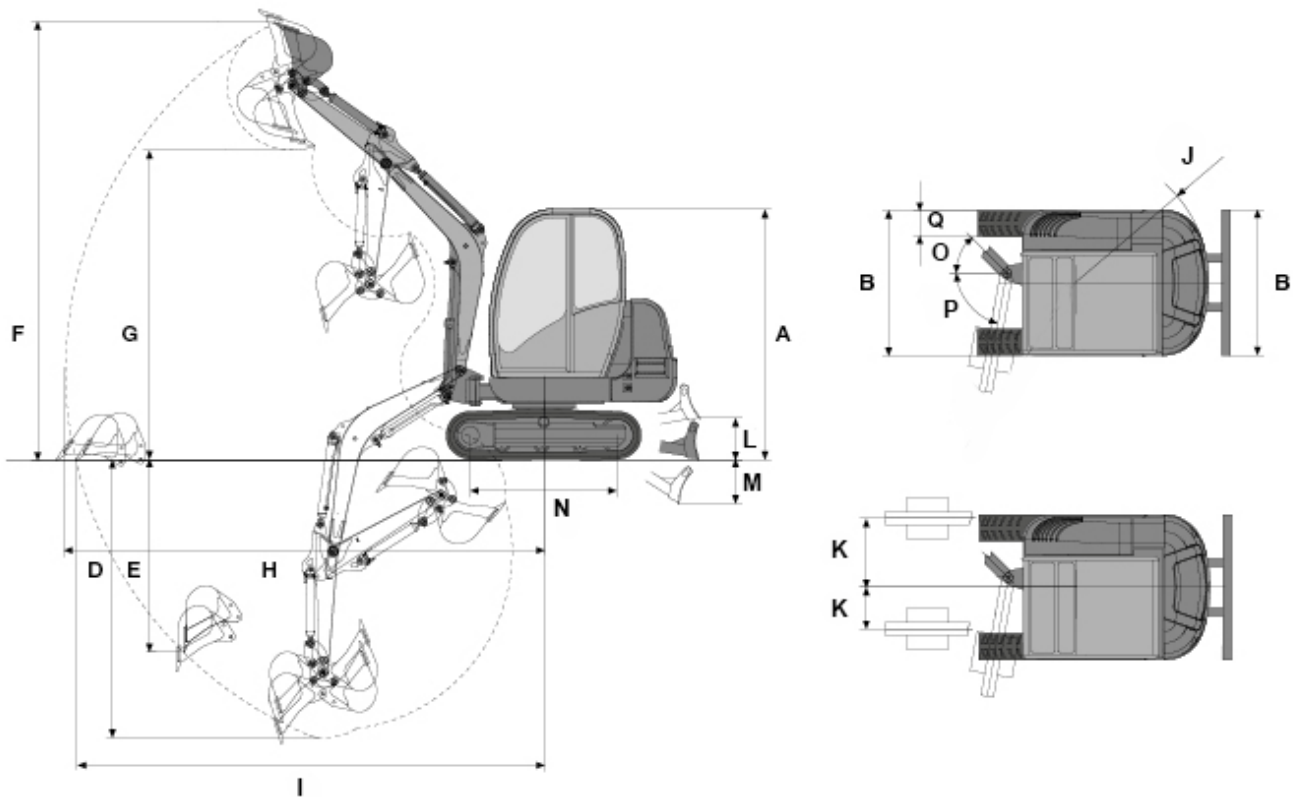
Dozer Blade

Width	63.8 in
Height	16.1 in
Stroke - Above ground	16.1 in
Stroke - Below ground	19.3 in

Sound level

Sound level (LwA) acc. to 2000/14/EC	95 dB(A)
Cabin - specified sound pressure level LpA acc. to ISO 6394	74 dB(A)

3503 Dimensions



A	Height	94.2 in
B	Width	63.8 in
C	Transport length	204.8 in
D	Digging depth max. - Standard Dipperstick	127.4 in
D	Digging depth max. - Long Dipperstick	139.2 in
E	Insertion depth - Standard Dipperstick	82.2 in
E	Insertion depth - Long Dipperstick	92.7 in
F	Insertion height - Standard Dipperstick	193.5 in
F	Insertion height - Long Dipperstick	201.3 in
G	Dump height max. - Standard Dipperstick	142.5 in
G	Dump height max. - Long Dipperstick	150.3 in
H	Digging radius max. - Standard Dipperstick	208.6 in
H	Digging radius max. - Long Dipperstick	219.8 in
I	Range - Standard Dipperstick	204.5 in
I	Range - Long Dipperstick	215.9 in
J	Rear swivel radius	54.7 in
K	Arm displacement to centre of bucket, right side	22.3 in
K	Arm displacement to centre of bucket, left side	17.3 in
L	Lift height - Above ground	15.2 in

M	Scraping depth - Below ground	20.8 in
N	Length - Track	81.6 in
O	Turning angle - Boom system to the right	45 °
P	Turning angle - Boom system to the left	80 °
Q	Chain width	11.8 in
--	Boom slewing radius	74.3 in

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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