



3503

Tracked Conventional Tail Excavators



Maximum power and smooth operation: 3503

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 Yanmar 4-cylinder 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.



Technical specifications

Operating data

Shipping weight min.	7,551 lb
Operating weight min.	7,937 lb
Biting force max. (ISO 6015)	4,939 lbf
Breakaway force max. (ISO 6015) max.	8,385 lbf
Digging depth	127 in
Dumping height max.	143 in
Digging radius	207 in
L x W x H	204 x 64 x 95 in

Engine / Motor

Engine / Motor manufacturer	Yanmar
Engine / Motor type	4TNV88
Engine / Motor	Water-cooled 4-cylinder diesel engine
Displacement	134 in ³
RPM / speed	2,000 rpm
Engine performance acc. to ISO	32.2 hp
Battery	71 Ah
Tank capacity	55 US qt

Hydraulic system

Duty pump	Double variable and gear pump
Flow rate	30 US gpm
Operating pressure for working and traction hydraulics	3,481 psi
Operating pressure Slewing gear	2,901 psi
RPM / speed Superstructure	9.2 rpm
Hydraulic oil tank	53 US qt

Wheel set

Travel speed max.	3.4 mph
Gradeability	58 %
Chain width	11.8 in



Ground clearance	11 in
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Dozer Blade

Width	63.7794 in
Height	16.1417 in
Stroke max. lifting height levelling blade above ground level	16.1417 in
Stroke max. scraping depth of levelling blade below ground level	19.2913 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)



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Dimensions

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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