

Skid-steer loader

Model ZT510

Technical Specifications & Product Selection



Wheeled skid-steer loader

2.343 tons

0.5 m³ bucket skid-steer loader

Product Basic Information

Load weight/tonnage

Product Introduction

Product code: EXC-1786005853969343

Contents

Use the specification pages first, then review selection conditions, current product views and the final configuration record.

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Reading rule

Use only the values and configuration stated for this exact product. Keep different ratings, options and operating conditions separate; an image does not create an unlisted specification.

CORE PRODUCT DATA

Technical Specifications

Skid-steer loader / Model ZT510

Specification	Current product data
Product Basic Information	Wheeled skid-steer loader
Load weight/tonnage	2.343 tons
Product Introduction	0.5 m³ bucket skid-steer loader
Standard engine model	4TNV88
Power	35.5 kW
Applicable Scenarios	Loading and in-yard transportation
Dimensional parameters	With bucket, length 3,378 mm; vehicle width 1,643 mm.
Performance Parameters	Walking speed: 12 km/h
Overall machine quality	2343 kg
Rated bucket capacity	0.5 m³
Engine brand	Yanmar
Engine rated speed	2190 rpm
Walking speed	12 km/h
Steering control method	Left and right handle control
Drive method	Hydraulic drive
Service braking method	Hydraulic braking
Parking brake method	Hydraulic braking
Fuel tank capacity	93 L

CORE PRODUCT DATA

Technical Specifications – Continued

Skid-steer loader / Model ZT510

Specification	Current product data
Hydraulic oil tank capacity	18 L
Maximum articulation height	1972 mm
Departure angle	24°
Ground clearance	185 mm
Wheelbase	1082 mm
Overall machine length without bucket	2651 mm
Overall length with bucket	3378 mm
Maximum unloading distance	467 mm
Maximum unloading angle	42°
Bucket closing angle	97°
Vehicle width	1643 mm
Wheel track	1374 mm
Bucket width	1727 mm
Safety standards	ISO3471

SELECTION & FIT

Selection Logic & Application Fit

Current product scope

This compact skid-steer loader combines agile steering, interchangeable attachments, coordinated hydraulics, and accessible service points for loading, sweeping, fork handling, and work in confined spaces.

Step	Selection input
01	Material and attachment task
02	Rated capacity and stability condition
03	Hydraulic flow, pressure and coupler interface
04	Travel surface, clearance and exact cab or track/wheel version

Decision boundary

Confirm the exact model, stated technical fields, site relationship and expressly included configuration together. Omitted data is not replaced by an industry average or a nearby model.

CURRENT PRODUCT IMAGES

Product Views

The grouped images provide a concise overview of the current product form, visible systems and configuration relationships.



View scope

Use these views for product recognition, visible configuration and space/interface review. Technical values remain controlled by the specification table and written order.

CURRENT PRODUCT IMAGES

Product Views – Continued

The grouped images provide a concise overview of the current product form, visible systems and configuration relationships.



View scope

Use these views for product recognition, visible configuration and space/interface review. Technical values remain controlled by the specification table and written order.

CURRENT PRODUCT IMAGES

Product Views – Continued

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STRUCTURE & CONFIGURATION

Configuration & Component Relationships

Loader Bucket

The verified bucket is the front work tool for collecting, carrying and placing loose material.

Quick Attach Plate

The verified quick-attach plate provides the direct connection between the bucket and lift arms.

Lift Arm Assembly

The verified paired lift arms and crossbar raise the work tool with matched side geometry.

Safety Cab Shell

The verified protective cab shell forms the operator enclosure and forward safety screen.

Seat and Control Station

The verified seat and control station provide the operator position and visible machine controls.

Configuration boundary

Component names identify stated or visible product groups only. The exact installed version and inclusion of accessories are confirmed in the applicable order.

FINAL SELECTION RECORD

Configuration & Order Confirmation

Confirmation item	Record
Current product name	Skid-steer loader
Model	ZT510
Category	Skid-Steer Loader
Required task / application	
Critical specification fields	
Site, route or installation boundary	
Standard configuration	
Options / accessories included	
Customer / project	
Reviewed by / date	

Release condition

Approve the selection only when identity, technical data, site conditions and the written configuration record agree. A product image or category label does not add an unstated option or rating.