

ZL Series Heavy-Duty Front-End Internal Combustion Loader | 1.8-Ton to 3.0-Ton Compact Hydraulic Bucket Loader for Construction & Mining

Specifications :

Price	Contact us
Place of Origin	China
Min.Order Quantity	1
Payment Terms	OEM?ODM?OBM
Supply Ability	1000
Delivery Detail	one month

Detail Introduction :

Our ZL Series lineup features a comprehensive range of models tailored to meet diverse operational scale requirements:

ZL9500 Wheel Loader (3.0 Ton Capacity): The flagship heavy-duty model engineered for high-intensity operations. Featuring a rated load of **2500–3000 kg**, a bucket capacity of **1.5–2.1 m³**, and a power output ranging from **92 to 103 kW**, the ZL9500 delivers top-tier digging power and dumping capability for mining and large-scale construction sites.

ZL949 Wheel Loader (1.8–2.4 Ton Capacity): A highly versatile mid-to-heavy loader built for flexibility and high performance. With a rated load of **1800–2400 kg**, bucket capacity of **1.2–2.1 m³**, and a dump height up to **3600–4500 mm**, the ZL949 excels in aggregate handling, roadworks, and bulk loading.

ZL948 Series (1.8–2.0 Ton Capacity): Designed for high-efficiency daily heavy lifting with optimal fuel economy.

ZL948E: Features an **1800 kg** rated load, **0.8–1.4 m³** bucket, and **70–81 kW** power range.

ZL948F: Enhanced performance with a **2000 kg** rated load, **1.0–2.6 m³** bucket, and **70–85 kW** power range.

Category	Unit	ZL9500	ZL949	ZL948E	ZL948F	ZL936Z	ZL936ZP
Rated Load	kg	2500–3000	1800–2400	1800	2000	1600	1650–1700
Rated Bucket Capacity	m ³	1.5–2.1	1.2–2.1	0.8–1.4	1–2.6	0.65–0.75	1.8

Dump Height	mm	3600–4500	3600–4500	3500	3500	3200	3900–4800
Power Range	kW	92–103	85–105	70–81	70–85	36–76	70–81

Product Highlights & Key Features

Powerful Engine & High Efficiency: Equipped with high-performance turbocharged diesel engines (70 kW to 103 kW) ensuring strong output with optimized fuel consumption.

Advanced Hydraulic System: Heavy-duty hydraulic pumps and reinforced cylinders offer fast cycle times and superior lifting power.

Extra Dump Height: Dump heights ranging from **3500 mm to 4500 mm** easily match high-sided trucks and hoppers for efficient loading.

Ergonomic Operator Cabin: Spacious, low-noise cabin with wide-vision glass, adjustable seat, intuitive joystick control, and optional AC for maximum operator comfort.

Heavy-Duty Structure & Articulated Chassis: Reinforced front and rear frames ensure high stability, tight turning radiuses, and durability under tough mining and terrain conditions.

Quick Coupler & Multi-Attachment Compatibility: Easily switch between standard buckets, rock buckets, log grapples, grass forks, snow blades, and pallet forks.

Product Applications

The ZL Series Wheel Loader is a multi-purpose machine ideal for:

Construction & Infrastructure: Earthmoving, road building, foundation excavation, and site cleanup.

Mining & Quarrying: Handling stone, gravel, coal, sand, and aggregate materials.

Agriculture & Farming: Loading silage, grain, manure, timber, and round bales.

Logistics & Warehousing: Pallet handling, heavy lifting, and material loading into hoppers or trucks.

How to Use & Operation Guidelines

Pre-Operation Check: Inspect fluid levels (engine oil, hydraulic oil, coolant), tire pressure, hydraulic hoses, and bucket attachment pins before starting.

Starting the Engine: Turn the ignition, allow the engine to idle for 3–5 minutes to warm up the hydraulic system.

Driving & Steering: Disengage the parking brake, select the desired gear range, and maneuver smoothly using the articulated steering.

Loading & Dumping: Approach the stockpile at low speed, lower the bucket, tilt back to fill, raise the boom, align with the truck, and actuate the dumping lever.

Post-Operation Maintenance: Clean the chassis, park on flat ground, lower all working implements to the ground, turn off the battery master switch, and perform daily grease lubrication.

Why Choose Us

Factory Direct Quality & Price: Manufactured with premium components, providing superior cost-performance ratio without middleman markups.

Customization Available: Tailor-made configurations available (engine emissions standards, cabin AC, bucket types, colors, and attachments).

Proven Durability & Low Operating Cost: Engineered with reinforced steel frames and standardized, easy-to-source wear parts for hassle-free maintenance.

Comprehensive Global After-Sales Support: Fast response for spare parts delivery, detailed technical support, and online operation guidance.