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الرقم الضريبي: ٣١٢٨٤٩٦٥٠٦٠٠٠٠٣
٤٦٢٠ شارع رقم ١٠
٣٦٠٢ حي الجزيرة
الرياض ١٤٢٦٢
المملكة العربية السعودية
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Datasheet

JCB 455ZX Wheel Loader – 3.5 m³ Bucket – 221 HP

Brand: JCB



The **JCB 455ZX Wheel Loader** is a robust loading shovel designed for heavy-duty material handling in demanding worksites.

- **Bucket Capacity:** 3.5 m³
- **Payload:** 5,550 kg
- **Engine Power:** 165 kW
- **Operating Weight:** 17,880 kg
- **Transmission:** ZF 4WG190

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JCB 455ZX Wheel Loader

The **JCB 455ZX** is a high-performance wheel loader engineered by **JCB** for demanding loading and material handling applications. Its robust design and advanced powertrain deliver reliable productivity in construction, quarrying, and industrial operations.

Typical Applications

This wheel loader is well-suited for a variety of heavy-duty tasks, including:

- Loading aggregates, sand, and gravel
- Stockpiling and material transfer
- Site preparation and earthmoving support
- Handling bulk materials in industrial yards

Key Operational Features

The JCB 455ZX incorporates several features that enhance operator comfort, efficiency, and machine uptime:

- Air-conditioned cabin for operator comfort in harsh environments
- Load-sensing hydraulic system for precise and efficient implement control
- JCB LiveLink telematics for remote monitoring of service, operation, and security
- ZF powershift transmission for smooth gear changes and reliable performance

Equipment Inquiries

For more information about the JCB 455ZX Wheel Loader, please contact our sales team.

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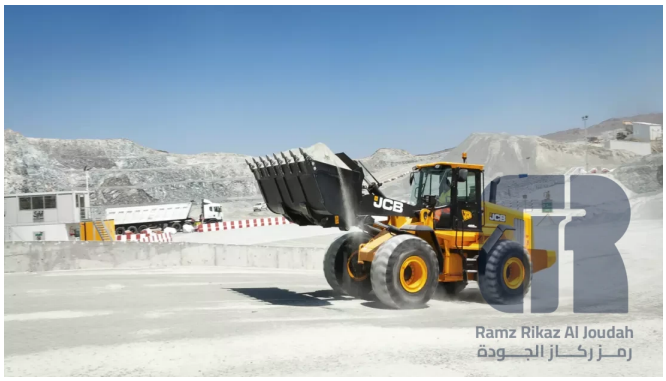

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Technical Specifications

JCB 455ZX Wheel Loader – 3.5 m³ Bucket – 221 HP

Specification	Value
Manufacturer	JCB
Model	455ZX
Equipment Type	Wheel Loader (Wheel Loading Shovel)
Bucket Capacity	3.5 m³
Payload	5,550 kg
Full-Turn Tipping Load	11,100 kg
Operating Weight	17,880 kg
Cabin	Air-conditioned cabin
In-Cab Noise Level	74 dB(A)
Engine Manufacturer	JCB
Engine Model	DIESELMAX 672
Fuel Injection System	Common Rail Direct Injection (CRDI)
Engine Rated Power	165 kW (221 HP) @ 2,200 rpm
Rated Engine Speed	2,200 rpm
Engine Torque	1,000 N·m @ 1,500 rpm
Engine Speed at Specified Torque	1,500 rpm
Transmission Manufacturer	ZF
Transmission Model	4WG190
Forward Gears	4
Reverse Gears	3
Maximum Forward Travel Speed	36 km/h
Maximum Reverse Travel Speed	24.85 km/h
Tyre Size	23.5 × 25 – 20PR
Hydraulic Pump Quantity	2
Hydraulic Pump Type	Variable-displacement piston pumps
Hydraulic System Control	Load-sensing
Hydraulic Pump 1 Flow	132 L/min
Hydraulic Pump 2 Flow	94 L/min
Steering system	Hydraulic power steering
Telematics System	JCB LiveLink

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Specification	Value
LiveLink – Service Monitoring	Routine maintenance information and alerts
LiveLink – Operation Monitoring	Health alerts and usage data
LiveLink – Security Monitoring	Machine location and movement data