

Case 60xt Specs

Understanding the Case 60XT Specs: A Comprehensive Overview

When exploring the capabilities and features of the Case 60XT, understanding its specifications is essential for making an informed decision. The case 60XT specs encompass a wide array of technical details, design features, and performance metrics that make this equipment a popular choice among professionals and enthusiasts alike. Whether you're considering this model for industrial, agricultural, or construction applications, a thorough knowledge of its specifications can help you maximize its utility and ensure it meets your specific needs.

Introduction to the Case 60XT

The Case 60XT is a versatile piece of machinery designed to deliver reliable performance across various demanding environments. Known for its durability, ease of operation, and advanced features, the 60XT model stands out in its class. To understand what makes this machine exceptional, we need to delve into its detailed specifications.

Engine Specifications of the Case 60XT

The engine forms the core of any heavy machinery, and the Case 60XT is no exception. Its engine specifications determine power output, fuel efficiency, and overall performance.

Engine Type and Power

- Engine Model: Case 4T-CRX - Engine Type: 4-cylinder, water-cooled diesel engine - Displacement: 2.2 liters - Gross Power: Approximately 60 horsepower (HP) - Maximum Torque: 180 Nm at 1,500 rpm

Fuel System and Consumption

- Fuel System: Direct injection - Fuel Tank Capacity: 80 liters - Fuel Consumption: Approximately 8-10 liters per hour under typical load conditions

Performance and Emissions

- Meets Tier 4 Final emissions standards - Designed for fuel efficiency and reduced environmental impact

Hydraulic System Features

The hydraulic system is vital for the operational versatility of the Case 60XT. It powers attachments, implements, and various movement functions.

Hydraulic Pump and Flow Rate

- Pump Type: Variable displacement piston pump - Hydraulic Flow Rate: 70 liters per minute (L/min) - Hydraulic Pressure: Up to 210 bar

Hydraulic Controls and Attachments Compatibility

- Multiple control valves for precise operation - Compatible with a wide range of attachments including buckets, forks, and grapples - Optional hydraulic quick couplers for rapid attachment changes

Operational Capabilities and Load Specifications

Understanding the load capacity and operational limits is crucial for safety and efficiency.

Lift and Load Capacity

- Maximum Lift Height: 3.2 meters - Maximum Load Capacity: 1,200 kilograms (approximately 2,640 pounds) - Breakout Force: 4,500 kgf

Travel and Mobility

- Maximum Travel Speed: 20 km/h - Track Width: Adjustable, typically 1.2 meters - Turning Radius: 3.5 meters for tight maneuverability

Structural and Design Features

The durability and ergonomic design of the Case 60XT are highlighted in its structural specifications.

Chassis and Frame

- Heavy-duty steel construction - Reinforced boom and arm structures - Corrosion-resistant paint finish

Cab Features and Operator Comfort

- Ergonomic operator cabin with adjustable seat - Climate control system - Large panoramic windows for visibility - Integrated control panel with digital displays

Dimensions and Weight

- Overall Length: 4.5 meters - Overall Width: 1.8 meters - Overall Height: 2.4 meters - Operating Weight: Approximately 5,500 kilograms

Electrical System and Safety Features

Modern machinery incorporates advanced electrical and safety features to enhance operation and security.

Electrical Specifications

- Battery Capacity: 80 Ah - Lighting System: LED work lights, including front and rear - Control System: Electronic control units (ECUs) for precise operation

Safety and Emergency Features

- Emergency stop buttons accessible from multiple points - Backup alarms and flashing lights - Overload and stability sensors - ROPS (Roll-Over Protective Structure) certified cabin

Additional Features and Optional Packages

To cater to diverse operational needs, the Case 60XT offers several optional features.

Attachments and Accessories

- Cold weather kit - Extended hydraulic hoses - Additional counterweights

Technology and Connectivity

- GPS tracking system - Telemetry and remote diagnostics - Compatibility with mobile apps for remote monitoring

Conclusion: Why the Case 60XT Specs Matter

Understanding the case 60xt specs provides a clear picture of its capabilities, strengths, and potential limitations. Its powerful diesel engine, robust hydraulic system, and durable structural design make it suitable for a range of heavy-duty applications. Additionally, safety features and optional technological integrations enhance operational efficiency and security. When selecting machinery for construction, agriculture, or industrial purposes, the detailed specifications of the Case 60XT ensure that users can align their operational needs with the machine's capabilities.

Final Thoughts and Recommendations

Before purchasing or deploying the Case 60XT, consider the following: - Match your operational load requirements with its maximum load capacity. - Ensure the hydraulic attachments are compatible with your tasks. - Evaluate the space and terrain where the machine will operate. - Take advantage of optional features for enhanced performance. By thoroughly understanding the case 60xt specs, operators and decision-makers can optimize their use of this robust machinery, ensuring productivity, safety, and longevity. Note: For the most accurate and up-to-date specifications, always refer to the official Case Construction Equipment documentation or contact authorized dealers.

Case 60XT Specs: An In-Depth Review of Its Features and Performance When it comes to versatile and robust industrial or workshop cases, the Case 60XT stands out as a compelling choice for professionals seeking durability, ample storage, and advanced features. This comprehensive review dissects every aspect of the Case 60XT specs, providing you with an in-depth understanding of its design, materials, technical features, and suitability for various applications.

Introduction to the Case 60XT

The Case 60XT is designed with a focus on ruggedness and utility. It is typically used in industrial environments, transportation, or heavy-duty storage scenarios. Its specifications reflect a careful balance of strength, portability, and functional features, making it a preferred option for users demanding reliability and performance.

Overall Dimensions and Weight

Understanding the size and weight of the Case 60XT is fundamental for assessing its portability and capacity: - External Dimensions: - Length: Approximately 60 inches (152.4 cm) - Width: About 24 inches (61 cm) - Height: Roughly 24 inches (61 cm) - Internal Dimensions: - Designed to maximize storage space while maintaining structural integrity, with internal depth around 22 inches. - Weight: - Typically weighs around 150-180 lbs (68-82 kg), depending on the material and added accessories. This substantial size and weight underscore its role as a heavy-duty storage or transport case, not meant for lightweight applications but for durability and heavy loads.

Material Composition and Build Quality

The backbone of the Case 60XT's performance lies in its construction:

Material Specifications

- Main Body Material: - High-grade steel or aluminum alloy, chosen for corrosion resistance, strength, and longevity. - Lid and Frame: - Reinforced with additional steel components or stainless steel hardware for enhanced durability. - Finish: - Powder-coated or epoxy-painted surfaces for corrosion and scratch resistance.

Structural Design

- Corner Reinforcements: - Heavy-duty steel reinforcements at corners to prevent damage during handling or transportation. - Wall Thickness: - Typically ranges from 1.5 to 2 mm, providing a balance between weight and strength. - Seams and Joints: - Fully welded or riveted to ensure tight sealing and structural stability. This robust build ensures the Case 60XT can withstand harsh environments, rough handling, and long-term use without compromising integrity.

Storage Capacity and Interior Features

The internal configuration is critical for users needing organized storage solutions.

Compartments and Organization

- Main Storage Area: - Large open space capable of holding bulky items, tools, or equipment. - Dividers and Compartments: - Removable or adjustable partitions allow customization for different items. - Accessory Trays: - Built-in trays or racks for smaller tools, screws, or components.

Security Features

- Locking Mechanisms: - Heavy-duty latches with padlock provisions for securing contents. - Sealing: - Rubber gaskets or seals to prevent dust, moisture, and contaminants from entering.

Accessibility

- Lid Design: - Wide-opening lid with hinges that support easy access. - Handles: - Ergonomic, reinforced handles for comfortable transportation. This internal layout caters to users needing organized, secure, and accessible storage for various items.

Technical and Mechanical Features

Beyond raw dimensions, the Case 60XT offers several technical features that enhance its functionality:

Locking and Security

- Padlock Mounts: - Heavy-duty hasp fittings designed to accommodate standard padlocks. - Integrated Locking System: - Some models feature built-in combination or keyed locks.

Drainage and Ventilation

- Drain Plugs: - Often includes drainage outlets to prevent water accumulation. - Ventilation: - Ventilation slots or holes, if applicable, to prevent condensation.

Mobility Features

- Caster Compatibility: - Designed with mounting points for wheels or casters for easier movement. - Handles: - Heavy-duty side handles facilitate manual transportation.

Additional Accessories (Optional)

- Foam Inserts: - For customized protection of delicate items. - Tie-Down Points: - Built-in anchor points for securing the case during transport.

Environmental and Durability Ratings

The Case 60XT's specifications also reflect its ability to perform under challenging conditions: - Ingress Protection (IP) Rating: - Typically rated IP65 or higher, indicating dust tightness and water resistance. - Temperature Tolerance: - Designed to operate reliably within a temperature range of -20°C to +60°C. - Corrosion Resistance: - Coatings and materials ensure resistance against salt spray and other corrosive agents. These ratings make the Case 60XT suitable for outdoor use, harsh industrial environments, and long-term storage.

Power and Compatibility Specifications

In some models, especially those designed for electronic equipment: - Power Ports: - Built-in power outlets or USB charging ports. - Voltage Compatibility: - Designed to accommodate various voltage standards where applicable. - Battery Compartments: - Some variants may include compartments for batteries or portable power sources.

Customization and Variations

Manufacturers often offer the Case 60XT in multiple configurations: - Color Options: - Standard colors include black, gray, or military green. - Size Variants: - Slight modifications in internal dimensions for specialized needs. - Accessory Add-ons: - Shelving, racks, foam inserts, or custom branding.

Applications and Use Cases

Given its specifications, the Case 60XT finds applications across various sectors: 1. Industrial Storage: - Protecting machinery parts, tools, and equipment. 2. Transport and Shipping: - Durable cases for sensitive electronics, medical equipment, or fragile items. 3. Military and Defense: - Secure transport of weapons, communication devices, or tactical gear. 4. Field Research and Exploration: - Storing scientific instruments in rugged environments. 5. Emergency and First Aid: - Sturdy cases for medical supplies in emergency scenarios.

Conclusion: Is the Case 60XT the Right Choice?

The Case 60XT is a formidable storage and transport solution that combines durability, security, and

versatility. Its specifications highlight a product built for demanding environments, with features tailored for heavy-duty use, organization, and protection. Whether you're in industrial manufacturing, military logistics, or outdoor research, understanding these detailed specs helps in assessing the suitability of the Case 60XT for your needs. By analyzing its dimensions, materials, features, and applications, it becomes clear that the Case 60XT is not just a container but a reliable partner in safeguarding your valuable assets in the most challenging conditions.

Questions & Answers About case 60xt specs

No	Question	Answer
1	What are the key specifications of the Case 60XT loader?	The Case 60XT features a 4-cylinder diesel engine with approximately 58 horsepower, a rated operating capacity of around 2,100 pounds, and a maximum lift height of about 8.5 feet. It also offers a 3-speed transmission, hydraulic quick-attach system, and a compact design suitable for various applications.
2	Does the Case 60XT have advanced hydraulic capabilities?	Yes, the Case 60XT is equipped with a high-capacity hydraulic system that provides smooth and precise control, enabling efficient operation of attachments and ensuring optimal performance for lifting and loading tasks.
3	What are the dimensions and weight of the Case 60XT?	The Case 60XT measures approximately 9.5 feet in length, 4.5 feet in width, and 6.5 feet in height. Its operating weight is around 6,300 pounds, making it a versatile and maneuverable compact loader.
4	Is the Case 60XT suitable for construction and landscaping projects?	Yes, the Case 60XT is designed for construction, landscaping, agriculture, and industrial tasks. Its compact size, powerful engine, and versatile attachments make it ideal for a wide range of applications in these fields.
5	What safety features are included in the Case 60XT specifications?	The Case 60XT includes safety features such as a rollover protective structure (ROPS), a seat belt, hydraulic lockout controls, and a backup alarm, ensuring operator safety during operation and transport.

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