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› holzstar /

› Holzstar TKS 250 SC Table Saw User Manual

holzstar 5900256

Holzstar TKS 250 SC Table Saw User Manual

Model: 5900256

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your Holzstar TKS 250 SC Table Saw. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage.

2. SAFETY INSTRUCTIONS

Always observe general safety regulations when working with power tools. Failure to follow these instructions may result in serious injury.

- Wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and dust mask.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Keep children and bystanders away from the operating area.
- Do not operate the saw in damp or wet conditions.
- Always disconnect the power supply before performing any adjustments, maintenance, or when changing the saw blade.
- Use push sticks or push blocks when cutting small pieces of wood.
- Ensure the saw blade is sharp and correctly installed.
- Never reach over or around the saw blade while it is rotating.

3. PACKAGE CONTENTS

Upon unpacking, verify that all components are present and undamaged:

- Holzstar TKS 250 SC Table Saw Unit
- Sliding Table Assembly
- Extension Table

- Saw Blade
- Blade Guard
- Push Stick
- User Manual (this document)

4. SETUP

Follow these steps for initial setup of your table saw:

1. **Unpacking and Placement:** Carefully remove the saw from its packaging. Place the saw on a stable, level surface capable of supporting its weight (approx. 190 kg). Ensure adequate space around the machine for safe operation and material handling.



Figure 4.1: Overall view of the Holzstar TKS 250 SC Table Saw with its sliding table and extension, showing the robust construction and extended work area.

2. **Sliding Table Assembly:** Attach the sliding table to the main unit according to the provided diagrams. Ensure all fasteners are securely tightened. The telescopic support can be extended for larger workpieces.



Figure 4.2: Detailed view of the sliding table mechanism and its extension, illustrating the robust support for long materials.

3. **Power Connection:** Connect the saw to a grounded 230V power outlet. Ensure the power supply matches the machine's requirements.
4. **Dust Extraction:** Connect a suitable dust extraction system to the Ø 100 mm central suction port to maintain a clean and safe working environment.



Figure 4.3: Close-up of the control panel, showing the handwheels for precise blade height and tilt adjustments, along with the dust extraction port.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and functions before beginning any cutting operations.

1. **Blade Height Adjustment:** The blade height can be continuously adjusted using the handwheel. Rotate the handwheel to raise or lower the saw blade to the desired cutting depth.



Figure 5.1: Close-up of the saw's control panel, highlighting the handwheels used for adjusting both the blade height and the blade tilt angle.

2. **Blade Tilt Adjustment:** The saw blade can be tilted from 0° to 45° for angled cuts. Use the dedicated handwheel with scale to set the desired angle.

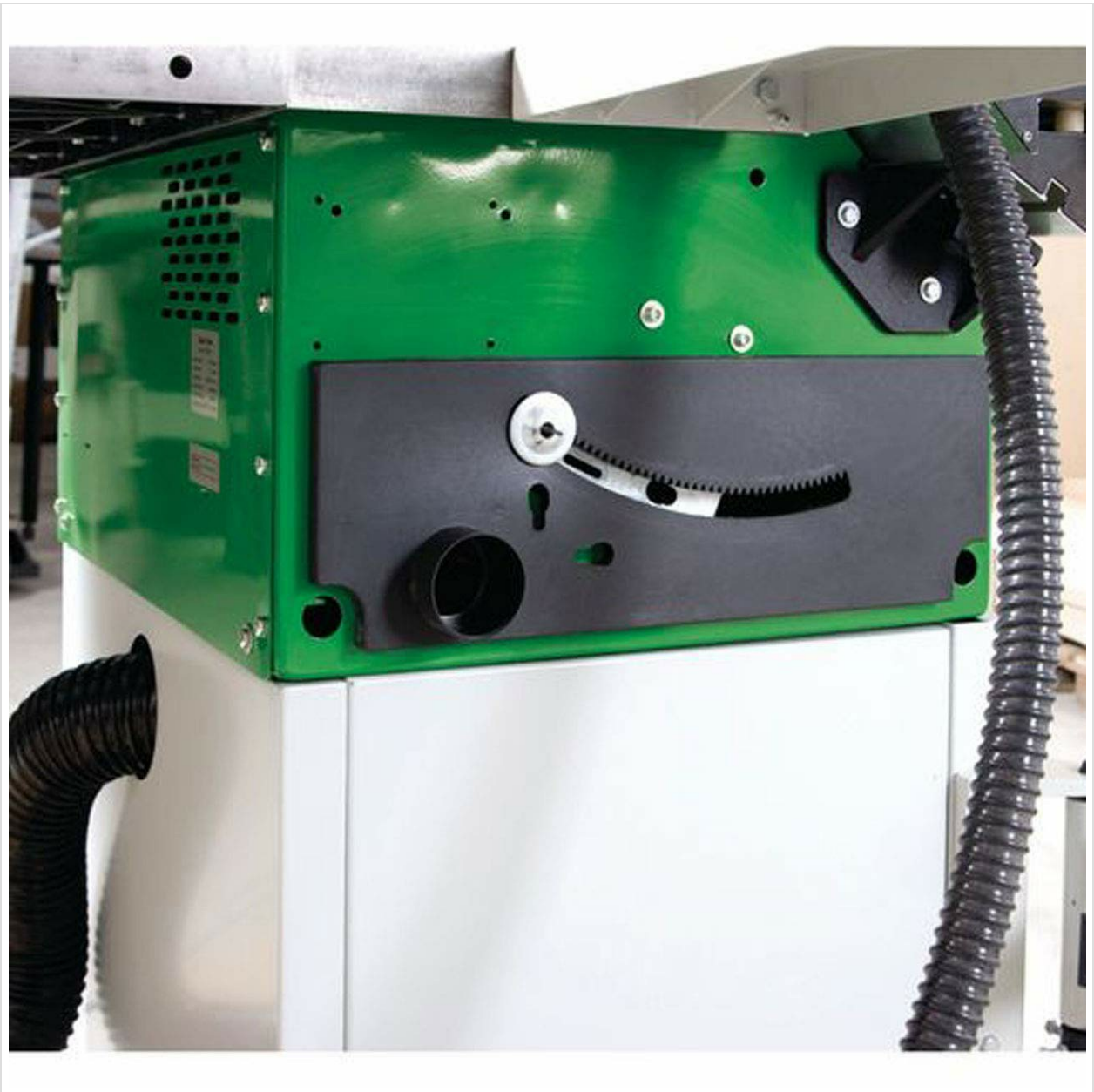


Figure 5.2: Detailed view of the blade tilt adjustment mechanism, showing the clear scale for precise angle settings.

3. **Using the Sliding Table:** For precise cross-cuts and panel sizing, utilize the sliding table. Place the workpiece firmly against the fence and guide the sliding table smoothly through the blade.



Figure 5.3: A user demonstrating the operation of the table saw, highlighting the ergonomic design and the ample workspace provided by the sliding table.



Figure 5.4: Close-up of a workpiece being precisely cut on the table saw, illustrating the effectiveness of the sliding table and fence system.

4. **Blade Guard:** Always ensure the blade guard is in place and functioning correctly before operation. It provides crucial protection during cutting.



Figure 5.5: Detailed view of the saw blade and its protective guard, emphasizing the safety feature during operation.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Holzstar TKS 250 SC Table Saw.

- **Cleaning:** After each use, disconnect the power and clean the saw thoroughly. Remove sawdust and debris from the table, blade area, and dust extraction ports.
- **Blade Inspection:** Regularly inspect the saw blade for sharpness, damage, or missing teeth. Replace dull or damaged blades immediately.
- **Lubrication:** Periodically lubricate moving parts, such as the blade height and tilt mechanisms, as recommended in the detailed service manual (if applicable).
- **Dust Extraction System:** Ensure the dust extraction system is clear and functioning efficiently to prevent sawdust buildup, which can be a fire hazard and affect machine performance.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your table saw.

Problem	Possible Cause	Solution
Saw does not start	No power supply; Emergency stop engaged; Thermal overload tripped	Check power connection; Release emergency stop; Allow motor to cool down and reset
Blade binds during cut	Dull blade; Improper fence alignment; Workpiece pinching blade	Replace or sharpen blade; Adjust fence parallel to blade; Use a splitter or riving knife
Excessive vibration	Loose components; Damaged blade; Unstable base	Tighten all fasteners; Replace damaged blade; Ensure saw is on a stable surface
Poor dust extraction	Clogged hose/port; Dust collector not powerful enough	Clear obstructions; Use a more powerful dust collector

8. SPECIFICATIONS

Feature	Specification
Manufacturer	Aslak, S.L.
Part Number	5900256
Item Weight	190 Kilograms
Model Number	5900256
Product Thickness (Dimension)	760 Millimeters
Drive Type	Corded
Voltage	230 Volts
Package Quantity	1
Speed	4500 Revolutions per Minute
Cutting Diameter (Blade Diameter)	30 Millimeters
Included Components	Table
Batteries Required	No
Surface Recommendation	Wood
Power Source	Corded Electric