KAKA INDUSTRIAL ALB-126

KAKA INDUSTRIAL ALB-126 Siding Brake Instruction Manual

Model: ALB-126

1. Safety Information

Always read and understand all instructions before operating the KAKA INDUSTRIAL ALB-126 Siding Brake. Failure to follow safety guidelines can result in serious injury or damage to the equipment.

- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Keep hands and clothing clear of moving parts during operation.
- Do not operate the machine under the influence of drugs, alcohol, or medication.
- Securely fasten the siding brake to a stable surface before use.
- Only use the machine for its intended purpose: bending and cutting sheet metal within specified capacities.

2. Delivery and Setup

2.1 Delivery Considerations

Upon delivery, expect a phone call from the freight carrier to schedule your appointment. It is mandatory for someone to be present at the delivery address to receive and sign for the shipment. For residential locations, requesting a liftgate service is strongly recommended, as the delivery truck may not have a loading dock.

2.2 Unpacking and Assembly

Carefully unpack all components and inspect for any shipping damage. Report any damage to the carrier immediately. Assemble the siding brake according to the provided assembly diagrams (if applicable, refer to separate assembly guide). Ensure all bolts and fasteners are securely tightened before initial use.



Figure 1: Fully assembled KAKA INDUSTRIAL ALB-126 Siding Brake.



Figure 2: Underside view showing the frame and support structure of the siding brake.

3. Operating Instructions

3.1 Component Identification

Familiarize yourself with the main components of the ALB-126 Siding Brake:

- **Bending Body:** The main structure where material is clamped and bent.
- **Upper Press Handle:** Used to clamp the material securely.
- **Bending Handle:** Used to perform the bending action.
- **Round Knife (Roller Knife):** Integrated cutting tool for sheet metal.
- **Angle Plate & Angle Scale:** Provides visual indication and adjustment for bending angles.
- **Pedal:** Foot-operated mechanism for certain operations (if applicable).



Figure 3: Overview of the ALB-126 Siding Brake with main parts labeled.

3.2 Material Preparation and Clamping

1. Ensure the sheet metal is clean and free of debris.
2. Position the material accurately on the bending body, aligning it with the desired bend line.
3. Lower the upper press handle to clamp the material firmly. The independent handles allow for precise control and closer access to the workpiece.

4. The silicone insert helps protect the material surface during clamping.

3.3 Adjusting Pressure

The clamping pressure can be adjusted to suit different material thicknesses and types. Refer to the video below for a visual guide on pressure adjustment.

Your browser does not support the video tag.

Video 1: Demonstrates how to adjust the pressure on the ALB-126 Siding Brake for optimal clamping.

3.4 Bending Operation

1. Set the desired bending angle using the angle plate and scale. The brake offers full angle flexibility from 0 to 180 degrees.
2. Once the material is clamped and the angle is set, slowly and steadily pull the bending handle to form the bend.
3. Ensure a smooth, continuous motion for a clean bend.



Figure 4: Detail of the angle scale for precise bending angle adjustments.



Figure 5: Independent handles provide ergonomic control during bending operations.

Your browser does not support the video tag.

Video 2: Demonstration of material bending using the ALB-126 Siding Brake.

3.5 Cutting Operation (Roller Knife)

The integrated roller knife allows for efficient cutting of sheet metal.

1. Ensure the material is securely clamped.
2. Position the roller knife at the desired cutting start point.
3. Apply even pressure and guide the roller knife along the material to make a clean cut.



Figure 6: Detail of the built-in roller knife for cutting sheet metal.

4. Maintenance

Regular maintenance ensures the longevity and optimal performance of your ALB-126 Siding Brake.

- **Cleaning:** After each use, clean the bending body and roller knife to remove metal shavings and debris. Use a soft cloth and mild cleaner if necessary.
- **Lubrication:** Periodically apply a light machine oil to all moving parts, pivot points, and the roller knife mechanism to ensure smooth operation and prevent rust.
- **Inspection:** Regularly inspect all bolts, nuts, and fasteners for tightness. Check the condition of the bending edge and roller knife for wear or damage. Replace worn parts as needed.
- **Storage:** Store the siding brake in a dry, protected area when not in use to prevent corrosion.

5. Troubleshooting

This section addresses common issues you might encounter with the ALB-126 Siding Brake.

Problem	Possible Cause	Solution
Inconsistent bends	Material not clamped securely; uneven bending force; worn bending edge.	Ensure material is tight; apply even pressure on handles; inspect and replace bending edge if worn.
Difficulty cutting with roller knife	Dull roller knife; insufficient pressure; debris obstructing path.	Clean knife and path; adjust pressure; replace roller knife if dull.
Handles are stiff or difficult to operate	Lack of lubrication; rust; bent components.	Lubricate all moving parts; remove rust; inspect for damage and replace components if bent.

If you encounter issues not listed here or require further assistance, please contact KAKA INDUSTRIAL customer support.

6. Specifications

Feature	Detail
Model Number	ALB-126
Manufacturer	KAKA INDUSTRIAL LLC
Part Number	173432
Bending Capacity	24 Gauge (0.024 Inch) Mild Steel & Aluminum
Bending Width	126 inches (10.5 ft)
Bending Angle	0-180 degrees
Item Weight	268 pounds
Product Dimensions	126 x 28 x 20 inches
Color	Black
Material	Aluminum
Features	Integrated Roller Knife, Independent Handles, Silicone Insert

7. Warranty and Support

7.1 Return Policy

This product is eligible for a 30-day return policy. Please refer to your purchase documentation for specific terms and conditions regarding returns and replacements.

7.2 Customer Support

For technical assistance, parts inquiries, or any other support needs, please contact KAKA INDUSTRIAL LLC customer support. Contact information can typically be found on the manufacturer's website or your purchase invoice.

© 2023 KAKA INDUSTRIAL LLC. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question