

NEIKO 53416A

NEIKO 53416A 24-inch Rolling Magnetic Sweeper User Manual

INTRODUCTION

This manual provides instructions for the safe and effective use of your NEIKO 53416A 24-inch Rolling Magnetic Sweeper. This tool is designed to efficiently collect ferrous metal objects such as nails, screws, and other debris from various surfaces. The sweeper features a 50-pound capacity magnet, an adjustable handle, and adjustable floor clearance for versatile application.

SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection when handling metal debris.
- Ensure the work area is clear of obstacles before operating the sweeper.
- Keep the sweeper away from sensitive electronic devices and magnetic storage media.
- Do not attempt to pick up non-ferrous materials with this magnetic sweeper.

PRODUCT OVERVIEW

The NEIKO 53416A is a robust magnetic sweeper designed for efficient cleanup of metal debris. Key features include:

- **24-inch Wide Magnet:** Provides broad coverage for faster cleanup.
- **50-Pound Capacity:** Capable of holding a significant amount of metal debris.
- **Adjustable Telescopic Handle:** Extends from 29 inches to 42 inches for comfortable use.
- **Quick Release Handle:** Allows for easy disposal of collected metal.
- **7-inch Multi-Surface Wheels:** Designed for smooth operation on various terrains, including carpet, grass, concrete, and hardwood floors.
- **Adjustable Floor Clearance:** Ranges from 3/4 inches to 1-1/2 inches to adapt to different surfaces.



Figure 1: NEIKO 53416A 24-inch Rolling Magnetic Sweeper.

SETUP

Assembly

The NEIKO 53416A magnetic sweeper requires minimal assembly. Attach the telescopic handle to the sweeper body using the provided hardware. Ensure all connections are secure before use.

Adjusting Handle Height

The telescopic handle can be adjusted from 29 inches to 42 inches. Loosen the adjustable knob on the handle, extend or retract the handle to your desired height, and then tighten the knob securely.



Figure 2: Product dimensions and adjustable handle knob.

Adjusting Floor Clearance

The floor clearance can be adjusted from 3/4 inches to 1-1/2 inches. This adjustment is made by manipulating the axle bolts on the wheels. You may need to remove the end caps to access these bolts. Adjust the wheels to the desired height for your working surface.

CONVENIENT ADJUSTABILITY

Floor clearance is easily adjusted
and ranges from 3/4" to 1 1/2"



Figure 3: Detail of the adjustable floor clearance mechanism.

OPERATING INSTRUCTIONS

Sweeping Surfaces

Roll the magnetic sweeper slowly and steadily over the area where metal debris needs to be collected. The powerful magnet within the sweeper will attract and hold ferrous metal objects to its underside.



Figure 4: Magnetic sweeper in operation on a shop floor.

Multi-Surface Use

The 7-inch wheels are designed to roll smoothly across various surfaces, including concrete, asphalt, grass, and carpet. Adjust the floor clearance as needed for optimal performance on uneven terrain.

COMFORTABLE HANDLE

Easy to grip handle with
improved comfort design



MULTI SURFACE WHEELS

Large 7" wheels easily transitions
and slides from carpet, grass and
concrete floors



Figure 5: Close-up of the comfortable handle and multi-surface wheels.

Disposing of Collected Metal

Once the sweeper has collected metal debris, position it over a disposal container. Lift the quick-release handle to disengage the magnet, allowing the collected metal to fall off into the container.



EASY RELEASE LATCH

Quick pull lever to release all attached metal objects for easy sweeping and collection

Figure 6: Using the quick-release handle to dispose of collected metal.



Figure 7: Collected metal debris adhering to the sweeper's magnetic surface.

Your browser does not support the video tag.

Video 1: Official NEIKO demonstration of the magnetic sweeper's operation and quick release feature.

MAINTENANCE

Cleaning

Regularly clean the exterior of the sweeper with a damp cloth. Ensure no debris is lodged in the wheels or axle mechanisms.

Storage

Store the magnetic sweeper in a dry place, away from excessive moisture and extreme temperatures. Keep it away from sensitive electronics or magnetic media to prevent interference.

TROUBLESHOOTING

Sweeper Not Picking Up Metal Effectively

- **Check Floor Clearance:** Ensure the sweeper's clearance is set appropriately for the surface. If it's too high, the magnetic field might be too weak to pick up smaller items. If too low, it might get stuck or scrape.
- **Surface Debris:** Heavy layers of non-metallic debris (leaves, dirt) can reduce magnetic effectiveness. Clear the area of such debris before sweeping.
- **Magnet Saturation:** If the magnet is already full of metal, it may not pick up additional items. Use the quick-release handle to clear the magnet.

Wheels Not Rolling Smoothly

- **Check for Obstructions:** Inspect wheels for any lodged debris, such as string, wire, or dirt.
- **Axle Condition:** Ensure the wheel axles are clean and free from rust or damage.

SPECIFICATIONS

Feature	Detail
Model Number	53416A
Brand	NEIKO
Material	Metal
Product Dimensions	45"L x 29"W x 7"Th
Sweeping Width	24 inches
Magnetic Capacity	Up to 50 pounds
Adjustable Handle Height	29" to 42"
Adjustable Floor Clearance	3/4" to 1-1/2"
Wheel Size	7 inches
Item Weight	17.3 pounds
UPC	732454351864, 837013534167

WARRANTY INFORMATION

For specific warranty details, please refer to the product packaging or contact NEIKO customer support. General warranty terms typically cover manufacturing defects under normal use.

CUSTOMER SUPPORT

If you have any questions, require assistance, or need to report an issue, please contact NEIKO customer support through their official website or the retailer where the product was purchased. Please have your model number (53416A) and purchase date available.

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