

Omega NC800HDS

Omega NC800HDS Cold Press Juicer Machine: User Manual

Your comprehensive guide to assembly, operation, and maintenance of the Omega NC800HDS Nutrition System.

1. INTRODUCTION

The Omega NC800HDS Cold Press Juicer Machine is a versatile nutrition system designed for efficient juice extraction and food processing. This masticating-style juicer operates at a slow 80 RPM, which minimizes heat buildup and oxidation, thereby preserving enzymes and nutrients in your juice. Beyond juicing, this system can also be used to create a variety of healthy foods.

Key features include:

- **Cold Press Slow Juicing:** Operates at 80 RPM to minimize heat and oxidation.
- **Multi-functional:** Capable of making nut butters, baby food, soy milk, almond milk, pasta, and frozen desserts.
- **Dual-Stage Masticating Technology:** Maximizes nutrient and flavor extraction from fruits, vegetables, leafy greens, and wheatgrass.
- **Adjustable End Cap:** Features 5 pressure settings for optimal juice output and extraction.
- **Automatic Pulp Ejection:** Allows for continuous juicing.
- **Powerful Motor:** Equipped with a quiet gear reduction motor equivalent to 2HP for processing tough ingredients.
- **User-Friendly Design:** Includes an extra-large feed tray and a built-in handle.



Figure 1: Assembled Omega NC800HDS Cold Press Juicer with a glass of green juice and fresh produce.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before operating the Omega NC800HDS Juicer. Failure to follow these instructions may result in injury or damage to the appliance.

- Always unplug the juicer from the electrical outlet before assembling, disassembling, or cleaning.
- Do not operate the juicer with a damaged cord or plug. If the appliance malfunctions or is damaged, contact customer service.
- Keep hands and utensils away from moving parts during operation to prevent injury. Never use fingers to push food into the feed chute; always use the provided food pusher.
- Ensure all parts are correctly assembled and locked into place before turning on the juicer.
- Do not immerse the motor base in water or other liquids.
- This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Supervise children to ensure they do not play with the appliance.
- Use only attachments and accessories recommended by the manufacturer.

- Do not use the appliance outdoors.

3. PARTS IDENTIFICATION

Familiarize yourself with the components of your Omega NC800HDS Juicer before assembly and operation.



Figure 2: Disassembled components of the Omega NC800HDS Juicer.

1. **Motor Base:** The main unit containing the motor and controls.
2. **Drum:** The transparent housing where juicing occurs.
3. **Auger:** The masticating gear that crushes and presses produce.
4. **Juicing Screen:** Filters juice from pulp. The NC800HDS includes two screens for different applications.
5. **End Cap:** Adjustable cap with 5 pressure settings to control pulp expulsion and juice yield.
6. **Pulp Container:** Collects expelled pulp.
7. **Juice Container:** Collects extracted juice.
8. **Food Pusher:** Used to guide ingredients into the feed chute.

9. **Feed Chute:** Opening for inserting ingredients.
10. **Nozzles:** Six different nozzles for various food processing tasks (e.g., pasta, breadsticks).
11. **Cleaning Brush:** For easy cleaning of components.

4. SETUP AND ASSEMBLY

Follow these steps to assemble your juicer before first use:

1. Place the motor base on a stable, flat surface.
2. Insert the drum into the motor base, ensuring it clicks securely into place.
3. Insert the auger into the drum, rotating it slightly until it seats properly.
4. Select the desired juicing screen (fine for most juicing, blank for other functions) and slide it over the auger.
5. Attach the end cap by twisting it onto the front of the drum until it is secure. Adjust the pressure setting as needed (refer to Operating Instructions).
6. Place the pulp container and juice container under their respective outlets.
7. Ensure the power switch is in the 'OFF' position before plugging the unit into a grounded electrical outlet.

5. OPERATING INSTRUCTIONS

5.1 Juicing Fruits and Vegetables

The Omega NC800HDS is designed to extract juice from a wide variety of produce.



Figure 3: Juicing carrots and beets with the Omega NC800HDS.

1. **Prepare Ingredients:** Wash all fruits and vegetables thoroughly. Cut produce into pieces small enough to fit into the feed chute. Remove large seeds, pits, and hard rinds. For fibrous vegetables like celery or leafy greens, cut them into shorter lengths (approx. 1-2 inches) to prevent clogging.
2. **Adjust End Cap:** For most fruits and vegetables, start with a medium pressure setting (e.g., 3 or 4). For softer items, use a lower setting (1-2). For harder items or maximum yield from leafy greens, use a higher setting (4-5).
3. **Start Juicer:** Plug in the juicer and turn the power switch to 'ON'.
4. **Feed Ingredients:** Slowly feed the prepared ingredients into the feed chute. Use the food pusher to gently guide them down. Do not force ingredients, as this can strain the motor.
5. **Continuous Juicing:** The automatic pulp ejection system will separate pulp into the pulp container, allowing for continuous operation.
6. **Finish:** Once juicing is complete, turn the power switch to 'OFF' and unplug the unit.

5.2 Other Nutrition System Functions

The Omega NC800HDS is more than just a juicer. By using the blank screen and various nozzles, you can expand its capabilities.



Figure 4: Preparing almond milk with the Omega NC800HDS.

To use these functions, replace the juicing screen with the blank screen and attach the appropriate nozzle to the end cap.

- **Nut Butters:** Process roasted nuts (peanuts, almonds, cashews) through the juicer with the blank screen and a suitable nozzle. You may need to re-process the butter several times until desired consistency is achieved.
- **Baby Food:** Process cooked fruits and vegetables (e.g., steamed carrots, apples) through the juicer with the blank screen to create smooth purees.
- **Nut Milks:** Soak nuts (e.g., almonds, cashews) overnight, then process them with water through the juicer using the blank screen.
- **Frozen Desserts:** Process frozen fruits (e.g., bananas, berries) through the juicer with the blank screen for a sorbet-like consistency.
- **Pasta Extrusion:** Use the specialized pasta nozzles with prepared dough to extrude various pasta shapes.
- **Grinding:** Grind coffee beans or spices using the blank screen and a suitable nozzle.

6. CLEANING AND MAINTENANCE

Regular cleaning ensures optimal performance and longevity of your juicer. All removable parts are dishwasher safe.

1. **Disassembly:** Turn off and unplug the juicer. Disassemble all removable parts in reverse order of assembly (end cap, screen, auger, drum, containers).
2. **Rinsing:** Immediately rinse all disassembled parts under warm running water to prevent pulp from drying and sticking.
3. **Brushing:** Use the provided cleaning brush to remove any stubborn pulp or residue from the juicing screen and other components. Pay special attention to the mesh of the screen.
4. **Washing:** Wash all removable parts with warm, soapy water. Alternatively, place them on the top rack of your dishwasher.
5. **Motor Base:** Wipe the motor base with a damp cloth. Never immerse the motor base in water.
6. **Drying and Storage:** Ensure all parts are completely dry before reassembling or storing. Store the juicer in a clean, dry place.

7. TROUBLESHOOTING

If you encounter issues with your Omega NC800HDS Juicer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Juicer does not turn on	Not plugged in; power switch off; improper assembly.	Ensure unit is plugged in and power switch is ON. Check that all parts are correctly assembled and locked.
Motor stops during operation	Overload due to hard ingredients or forcing food; clogged pulp outlet.	Turn off and unplug. Disassemble and clear any blockages. Cut ingredients into smaller pieces. Do not force food.
Low juice yield or wet pulp	End cap setting too low; ingredients too soft; clogged screen.	Increase end cap pressure setting. For very soft fruits, consider mixing with harder produce. Clean the juicing screen thoroughly.
Excessive vibration or noise	Improper assembly; foreign object.	Turn off and unplug. Reassemble all parts carefully. Check for any foreign objects in the drum or auger.

If the problem persists after attempting these solutions, please contact Omega customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Omega NC800HDS Cold Press Juicer Machine:

- **Brand:** Omega
- **Model Name:** NC800HDS Juicer Extractor and Nutrition System
- **Color:** Silver
- **Product Dimensions:** 6.5"D x 14.5"W x 15.5"H
- **Item Weight:** 18.7 pounds
- **Power Source:** Corded Electric
- **Maximum Power:** 150 Watts
- **Voltage:** 100-120 Volts
- **Number of Speeds:** 1
- **RPM:** 80 RPM (Slow Masticating)
- **Blade Material:** Stainless Steel
- **Product Care Instructions:** Dishwasher Safe (removable parts)
- **UPC:** 737416090034








Figure 5: Dimensions of the Omega NC800HDS Juicer.

9. WARRANTY AND SUPPORT

For specific warranty details, please refer to the warranty card included with your product packaging or visit the official Omega website. Warranty terms typically cover manufacturing defects and vary by region.

For customer support, technical assistance, or to inquire about replacement parts, please contact Omega customer service through their official website or the contact information provided in your product documentation. Always have your model number (NC800HDS) and purchase date available when contacting support.

Related Documents - NC800HDS

	<p>Omega Cold Press 365 Juicer (H3000D) - User Manual, Benefits & Recipes</p> <p>Comprehensive user manual for the Omega Cold Press 365 Juicer (Model H3000D). Learn about safe operation, maintenance, health benefits of cold-pressed juice, and discover delicious recipes. Enhance your daily nutrition with Omega.</p>
	<p>Omega VSJ843R/VSJ843Q Vertical Juicer User Manual: Assembly, Operation & Safety</p> <p>User manual for Omega VSJ843R/VSJ843Q vertical masticating juicers. Learn about assembly, operation, safety precautions, cleaning, and troubleshooting for your low-speed cold press juicer.</p>
	<p>Omega MM900 Low Speed Masticating Juicer Extractor User Manual</p> <p>User manual for the Omega MM900 Low Speed Masticating Juicer Extractor, detailing operation, safety, maintenance, troubleshooting, and recipes for optimal nutrition and flavor.</p>
	<p>Omega JC2022 Effortless Batch Juicer User Manual</p> <p>Comprehensive user manual for the Omega JC2022 Effortless Batch Juicer, a low-speed masticating cold press juicer. This guide covers assembly, operation, safety precautions, troubleshooting, and recipes.</p>
	<p>Omega JCUBE500 Cold Press Juicer & Nutrition System: User Manual and Guide</p> <p>Official user manual for the Omega JCUBE500 Cold Press Juicer and Nutrition System. Learn assembly, operation, cleaning, and maintenance for juicing, nut milks, sorbets, baby food, and pasta. Includes helpful tips and product specifications.</p>



[Omega NC1000MB User Manual: Multi-Use Juicer & Nutrition Center](#)

Explore the Omega NC1000MB User Manual for comprehensive instructions on using your Multi-Use Juicer and Nutrition Center, covering assembly, operation, safety, and recipes.