

Parabolic Solar Cooker with 1.5m Diameter

This parabolic solar cooker uses concentrated sunlight for cooking. It features a 1.5-meter diameter and achieves focal spot temperatures up to 1200C.



ADDITIONAL IMAGES



Overview

High-Performance Solar Cooking

This parabolic solar cooker is a powerful, efficient outdoor cooking solution designed to mimic the performance of a traditional stove top. By concentrating sunlight onto a focal point, it achieves high temperatures rapidly, allowing for versatile cooking without the need for electricity or fossil fuels. Its robust design features a 1.5-meter diameter and adjustable tracking, making it an ideal tool for sustainable cooking, camping, or emergency preparedness.

Technical Specifications

Diameter	1.5 m
Power Output	1500 W
Focal Spot Temperature	1200 C
Focus Length	60 cm
Focus Area	1.5 sq m
Pot Support Capacity	40 lbs
Unit Self-Weight	17 kg

Design & Construction

Sun Tracking Features

- Crank elevation adjustment
- Center pole swivel base
- Castor wheels for rotation

Height Dimensions

Component	Height
Pot Receptacle	3 ft 2 in
Top of Parabola	3 ft 8 in

Construction Materials

Molded Steel, Reflective Vinyl