

Homemade Conical Splitter



Article Overview

A homemade conical splitter uses a rotating cone or screw to split logs efficiently, combining mechanical advantage with torsional force for uniform firewood.

Overview

A conical splitter, also known as a screw or spiral log splitter, works by threading a rotating cone into the end of a log, forcing the wood fibers apart until the log splits cleanly. This design is particularly effective for knotty or dense wood, producing uniform pieces with minimal physical effort .

Materials and Components

To build a homemade conical splitter, you will need:

- Conical drill bit or screw: The main splitting element, ideally made of hardened steel for durability .
- Frame: A sturdy steel frame or heavy-walled square tubing to support the log and the rotating cone .
- Power source: Options include an electric motor, tractor PTO, or even a car wheel drive for rotational force .
- Bearings and supports: High-quality, preferably self-leveling bearings to allow smooth rotation and reduce wear .
- Safety guards: Shields to protect the operator from flying wood chips and accidental contact with the rotating cone

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A screw wood splitter is a device for splitting firewood, made industrially or by hand. It is considered useful both in the subsidiary

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These can be incorporated into gas powered log splitter plans, or even electric powered log splitter plans - the choice is

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I have been suddenly seized by an irrational desire to build a screw splitter for my old 8n tractor (which doesn't have

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Screw Wood Splitter Plans

Build Your Own Screw Drive Log Splitter The idea of a screw type penetrating device for wood splitting has

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Building a small log splitter | BeckmannAG

This is a finesse splitter, so it works just fine so long as judgment is used in what to split and how to go

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10 Homemade Log Splitter Plans (Build DIY Wood Splitter)

Splitting wood logs at home can be a satisfying and cost-effective way to maintain a firewood stock for your

Contact Us

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