



# MANUAL TOOLS COMPANY

Manufacturer of Coke Oven Machinery



**30+** YEARS OF  
EXCELLENCE

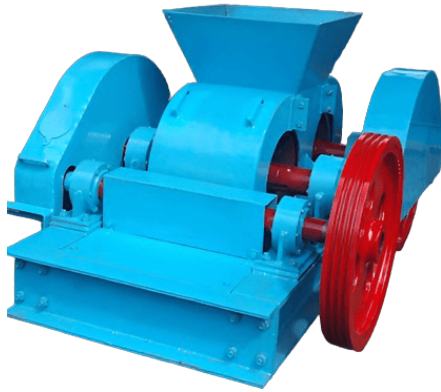
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# COKE CUTTER MACHINE

## DOUBLE DRIVE INDUSTRIAL SERIES



### KEY CAPABILITY:

Built for maximum torque and power, this double-drive cutter features dual 20 HP motors and cast steel gears. Its adjustable drum system ensures uniform output sizing (45-60mm) while manganese steel liner teeth guarantee longevity.

### PERFORMANCE

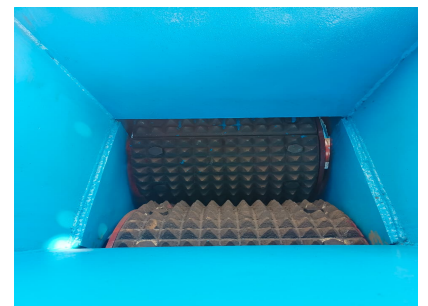
- ✓ Breaking Capacity: 12 to 15 Tons / Hour
- ✓ Dual Motors: 20 H.P. (x2) Double Drive
- ✓ Input Feed Size: Below 200 mm
- ✓ Finished Output: 45 - 60 mm

### DURABILITY & DESIGN

- ✓ Manganese Steel Liner Teeth (Replaceable)
- ✓ Cast Steel Gears (Both Sides)
- ✓ Adjustable Drum Distance (Up to 30mm)
- ✓ Double Drive System Prevents Jamming

### PRODUCT GALLERY

A showcase of our engineered installations and heavy-duty industrial components.

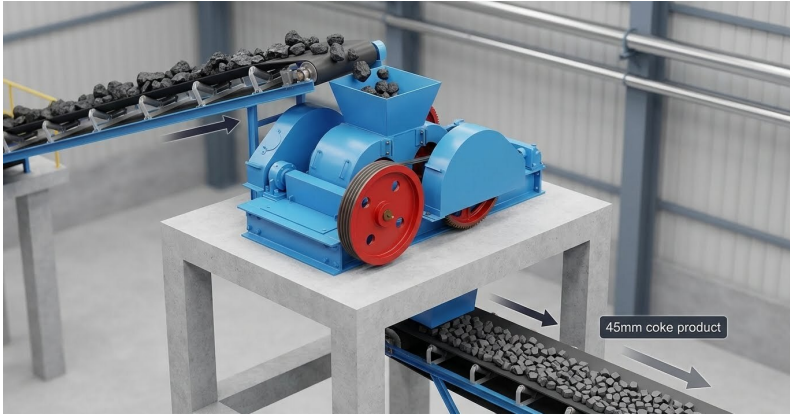


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## Operational Process Flow

### Visualizing the Double Drive cutting cycle.



### Continuous Production Cycle

#### 1. Material Feed

Raw coal/coke lumps (up to 200mm) are delivered via the upper conveyor belt directly into the machine's intake hopper.

#### 2. Double Drive Cutting

The dual 20HP motors power the crushing drums, efficiently breaking down the material without jamming, ensuring high throughput.

#### 3. Output (45-60mm)

Uniformly sized coke product is discharged onto the lower conveyor belt for immediate transport.

### COMMON QUESTIONS

**Q. What is the advantage of the Double Drive system?**

**A.** The Dual Drive system (20 HP motors on both sides) provides balanced torque and consistent power, preventing jamming and ensuring uniform cutting of hard coke lumps.

**Q. Can I adjust the output size?**

**A.** Yes, the machine features an Adjustable Drum Distance mechanism, allowing you to fine-tune the finished coke size between 45 mm and 60 mm.

**Q. What is the maximum feed size it can handle?**

**A.** This heavy-duty cutter accepts coke lumps up to 200 mm in size.

**Q. How durable are the cutting teeth?**

**A.** We use high-grade Manganese Steel Liner Teeth which are wear-resistant and fully replaceable.

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