



MANUAL TOOLS COMPANY

Manufacturer of Coke Oven Machinery



**30+ YEARS OF
EXCELLENCE**

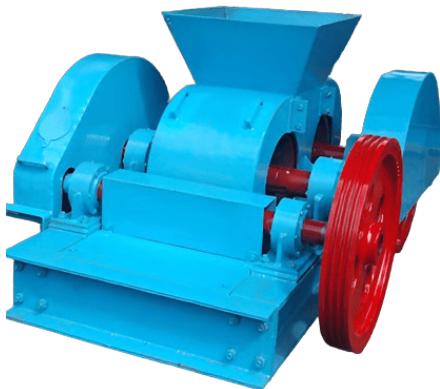
Ravindra Kr. Agarwal, Prop.

Dhanbad, Jharkhand | manualtoolsco.com



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.

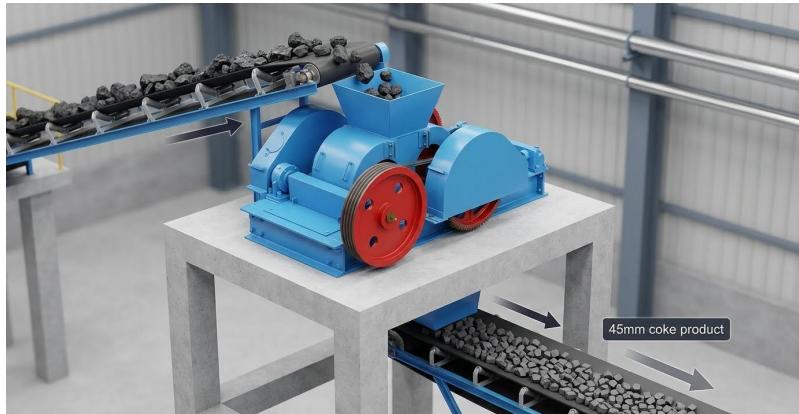


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Operational Process Flow

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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