

Amazon Cane Mill with Double Back Gearing With Rubber Springs, Steel Shafts, Brass Boxes

These mills are of the most modern design and extra strength. They are intended for crushing tropical cane. They are substantially constructed and securely bolted by heavy stay bolts.

The strain of the rolls is supported by heavy wrought iron rods, with springs that yield only after the required pressing force has been exceeded, and by these means all pressing strain is supported by wrought iron; cast iron being used to give solidity to the structure and transmit the power only.

The gearing is of best proportion for easy running and great strength. The shafts are of extra size and run in brass boxes.

It is a light-running mill, size and capacity considered, and is of extra strength, in proportion to its capacity, and capable of grinding the largest and hardest of tropical cane.

The rolls are made self-adjusting by means of rubber springs, thereby preventing oftentimes a breakage of the machinery when the rolls become accidentally choked. The rolls are adjustable to any size cane by means of set screws. The main roll is flanged and serrated, making entire length of roll available, and choking well nigh impossible.

A monkey wrench and oil-can are furnished with each mill.

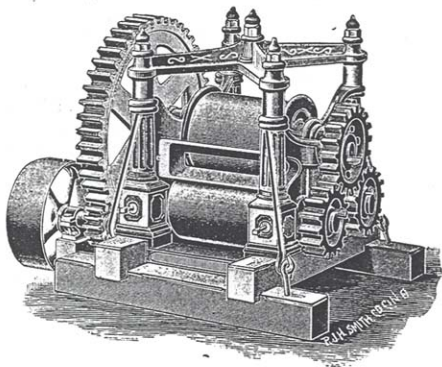
In workmanship, symmetry, beauty and capacity for work these mills have no equal, and we take pride in being able to offer the trade such efficient sugar mills at such remarkably low prices.

Size, Capacity, Weight, etc., of Amazon D. B. G. Mill

| Number. | Dimensions of Rolls in Inches. | | | | Diameter of Shaft in Main Roll. | Diameter of Shaft in Minor Roll. | Weight of Main Roll. | Approximate Weight in Pounds. | Capacity in Tons of Cane per 12 Hours. | Capacity in Gallons of Juice per 12 Hours. | Horse-Power Required. |
|---------|--------------------------------|---------|-------------|---------|---------------------------------|----------------------------------|----------------------|-------------------------------|--|--|-----------------------|
| | Main Roll. | | Minor Roll. | | | | | | | | |
| | Diameter. | Length. | Diameter. | Length. | | | | | | | |
| 1 | 8 | 8 | 6 | 8 | 2 1/4 | 105 | 1,250 | 6 | 1,810 | 1 | |
| 2 | 10 | 10 | 8 | 10 | 3 | 175 | 1,850 | 8 | 2,500 | 2 | |
| 3 | 10 | 12 | 8 | 12 | 3 1/2 | 227 | 2,000 | 12 | 3,500 | 3 | |
| 4 | 12 | 16 | 10 | 16 | 4 | 460 | 3,425 | 18 | 4,400 | 4 | |

Bagasse Carrier and Feed Table, extra.

We can also furnish mills of larger capacity. Write for prices.



Amazon Cane Mill with Single Back Gearing

With Rubber Springs, Steel Shafts, Brass Boxes

The above illustration shows the Amazon Cane Mill with the single back gearing. It is the same mill as shown on previous page except that it has single back gearing instead of double back gearing. The mill with the double back gearing is recommended as the most substantial, but where a mill is wanted for light work the single back gear mill can be used.

Size, Capacity, Weight, etc., of Amazon S. G. B. Mill

| Number. | Dimensions of Rolls in Inches. | | | | Diameter of Shaft in Main Roll. | Diameter of Shaft in Minor Roll. | Weight of Main Roll. | Approximate Weight in Pounds. | Capacity in Tons of Cane per 12 Hours. | Capacity in Gallons of Juice per 12 Hours. | Horse-Power Required. |
|---------|--------------------------------|---------|-------------|---------|---------------------------------|----------------------------------|----------------------|-------------------------------|--|--|-----------------------|
| | Main Roll. | | Minor Roll. | | | | | | | | |
| | Diameter. | Length. | Diameter. | Length. | | | | | | | |
| 1 | 8 | 8 | 6 | 8 | 2 $\frac{1}{4}$ | 2 | 105 | 1,000 | 6 | 810 | 1 |
| 2 | 10 | 10 | 8 | 10 | 3 | 2 $\frac{1}{2}$ | 175 | 1,700 | 9 | 1,250 | 2 |
| 3 | 10 | 12 | 8 | 12 | 3 | 2 $\frac{1}{2}$ | 227 | 1,850 | 12 | 1,600 | 2 |
| 4 | 12 | 16 | 10 | 16 | 4 | 3 $\frac{1}{2}$ | 460 | 3,250 | 18 | 2,400 | 4 |

Bagasse Carrier and Feed Table, extra.

