

# The Canadian Manufacturer

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against fracture on the outer arc, and preventing it from retreating from the form at that point. After the operation of bending is completed the machine can be set to run down to the position for the succeeding operation and automatically arrested.

A swinging crane with hoist attached is furnished with each machine, which enables the operator to easily place the forms in or out of the machine, and when not in use is swung out of the way.

The capacity of this machine is sufficient to bend about 2,500 felloes 1½ inch, or about 1,200 wagon hounds in ten hours, and other classes of work in proportion. Timber to the amount of twelve inches in width, either in one piece or pieces aggregating that amount, can be bent at one operation.

The friction pulleys are as follows. One for running the arms up twenty four inch by six inch face; pulley for running down eighteen inch by five inch face. Speed of pulleys 180 to 200 turns a minute. Where heavy timber predominates the lower rate of speed is used.

For further information enquire as above.

## NEW COLORS.

Messrs. W. J. Matheson & Co., New York and Montreal, have sent us the following memoranda regarding some of their new colors:

**Diaminogene CF**, patented. This new color resembles our well-known Diaminogene B in its properties, producing dyecings possessing the valuable fastness and beauty of the older product. It is slightly redder in shade, and hence has greater covering power, and the cost of dyeing is considerably reduced. It is dyed by the diazotizing and developing process in the same manner as Diaminogene B.

**Naphtindone BR**, patented. This new dyestuff is a member of the Naphtindone series, being much brighter and bluer than Naphtindone BB, which has found such extended use in the dyeing of cotton pieces and yarn. Its solubility is excellent, and it dyes with great evenness. It is not adapted for the red-discharge effects that can be produced with the Naphtindone BB. Its method of application is the same as is employed for the other members of the Naphtindone series.

**Diamino Black RMW**, patented.—This new color is particularly adaptable for the dyeing of cotton burs in cotton and wool mixed goods. It can be used successfully in the dyeing of mixed goods of the lowest quality, covering the burs completely, and producing results of perfect uniformity. Its cheapness, valuable properties and ease of application make it the most interesting dyestuff in the market for this class of work.

**Alizarine Black WA**, patented.—This new color resembles our Alizarine Black 4B in its properties and method of application.

**Alizarine Black 73038**, patented.—This product also resembles our Alizarine Black 4B, but gives somewhat redder shades.

**Alizarine Black 67221**, patented.—This new color differs but slightly from our Alizarine Black 4B.

**Acid Yellow Crystals**.—This dyestuff is considerably stronger and purer than our Tropaeoline OO 118, which it otherwise resembles in properties and dyeing methods.

Messrs. Ogilvie & Copeland will probably build a new flour mill at Midland, Ont.

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