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PERSEVERE SUCCEED

Census and Statistics Dept. of Agriculture Dec. 21, 09

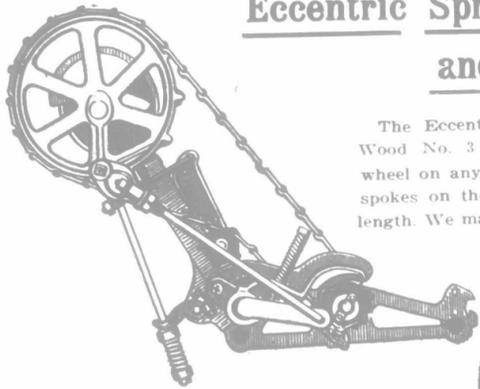
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No. 928

Eccentric Sprocket Wheel Makes More Compact Bundles and Discharges Them Much Faster



The Eccentric Sprocket Wheel on the Frost & Wood No. 3 Binder is totally unlike the sprocket wheel on any other Binder. You will notice that the spokes on the Eccentric Wheel are not all the same length. We make the wheel this way for two reasons.

First, because the long spokes increase the leverage power fully 16 2-3 per cent. over any other wheel. When the bundle is about

to be tied, the chain is pulled over the long spokes, and with the extra leverage power exerted, the grain is compressed more tightly. Less twine is needed to tie it. The bundle is neater, more compact. Easier to carry. Easier to shock.

Second, because short spokes discharge the bundle faster. After the bundle is tied by the Knotter the chain is pulled over the short spokes, which, of course, greatly increase the speed of the chain.

Unlike ordinary Binders, there is no "jar" or "jerk" when the bundle is being tied and discharged on the No. 3. The Eccentric Sprocket Wheel eliminates that "destructive" drawback of ordinary makes of binders.

The No. 3 Knotter Ties Every Sheaf

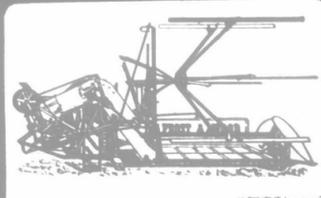
The Knotter on the No. 3 Binder has earned a great name for itself, because of the general satisfaction it has given. No matter how hard and fast you ask this knotter to work it never hesitates an instant. It is always on the job. Always sure and positive. You can rely upon



it implicitly to tie every sheaf.

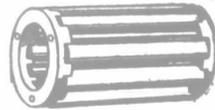
You can regulate the binding attachment to tie any size bundle you desire. And the binder is guaranteed for one year against defective construction and workmanship. That shows our confidence in Frost & Wood Quality.

Frost & Wood



no. 3 Binder

Roller Bearings Make it Run Easier



At all points where there is a possibility of friction occurring we provide Large Roller Bearings. That is one reason why the Frost & Wood is so much lighter draft than other binders—so much easier on the horses. It's one reason why the No. 3 Binder works so smoothly—the pride of the owner—and why it will give so many more years of service, too.

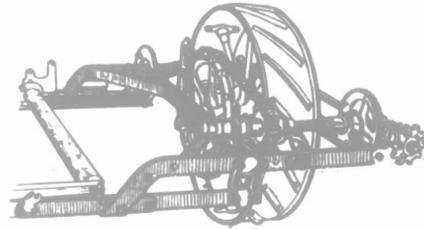
Over seventy years' experience in building farm machinery for every section of the Dominion has enabled us to produce a binder that will triumphantly withstand the extra heavy work and unusually rough usage that go hand in hand with Canadian farming.

No. 3 Has a Strong "Back Bone"

There is no possibility of the No. 3 breaking down from accidentally striking a boulder or thumping across a furrow. It is built too wisely and too strongly to let anything like that bother it. The "back bone" of this binder—the Main Power Frame—consists of heavy pieces of steel firmly rivetted together. A Heavy Double Steel Brace (see illustration) connects the Main Power Frame to the Platform. Heavy work and rough ground do not cause a tremor to this brace. No chance of it ever sagging. It's this

Frost & Wood Quality of material and workmanship that we put throughout the No. 3 Binder that enables it to last two to five times as long as other binders. We've the names of owners of Frost & Wood binders who have run their machines from 10 to 15 years with practically no expense except for sections.

If you are interested, ask us to send you Catalogue F 44 showing how this machine is constructed and telling what it has done for others.



FROST & WOOD COMPANY, LIMITED, SMITH'S FALLS, CANADA.