

GEARED STEEL MILLS FOR POWER

DID YOU
EVER THINK

That wind is the **only** mechanical power absolutely free to all?
That a **Windmill** is the **only** machine a farmer has that will work
without overseer or attendant, and even while he sleeps?

THE BEST POWER MILL ON EARTH.

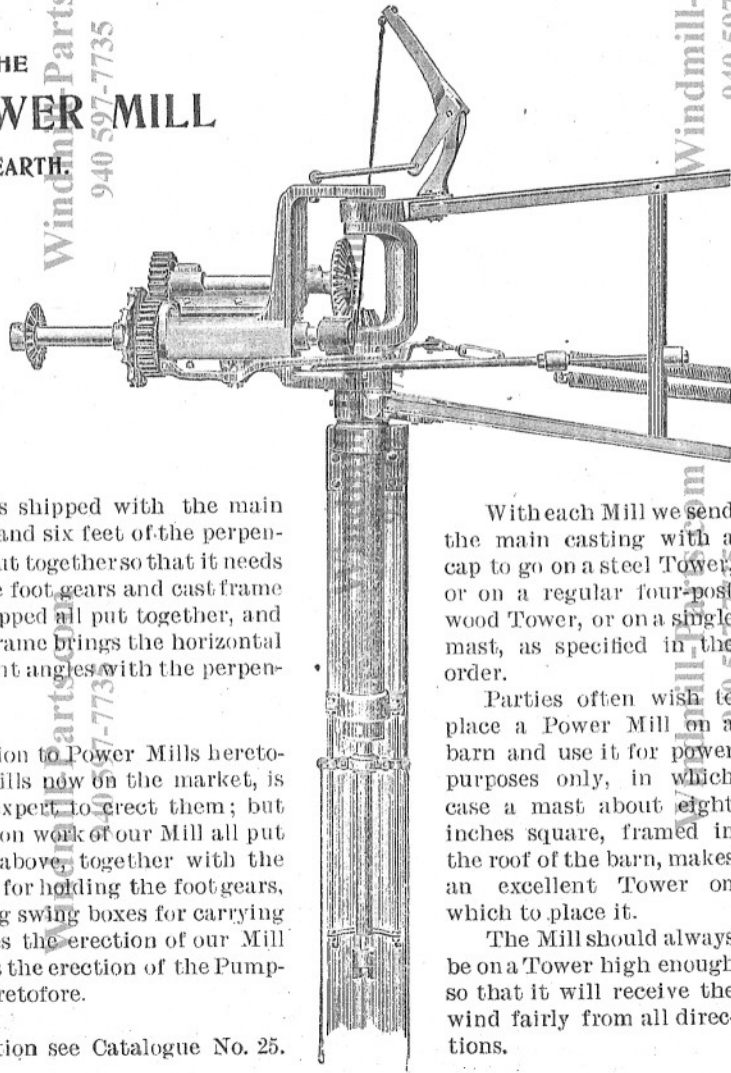
SPECIAL FEATURES:

SIMPLICITY,
DURABILITY,
POWER.

The iron work is shipped with the main casting, upper gears and six feet of the perpendicular shafting all put together so that it needs no adjustment. The foot gears and cast frame holding same are shipped all put together, and the use of this cast frame brings the horizontal shafting at exact right angles with the perpendicular shafting.

One great objection to Power Mills heretofore, and to many Mills now on the market, is that it required an expert to erect them; but the shipping of the iron work of our Mill all put together, as stated above, together with the use of the cast frame for holding the foot gears, and the self-adjusting swing boxes for carrying the line shaft, makes the erection of our Mill as simple a matter as the erection of the Pumping Mill has been heretofore.

For full description see Catalogue No. 25.

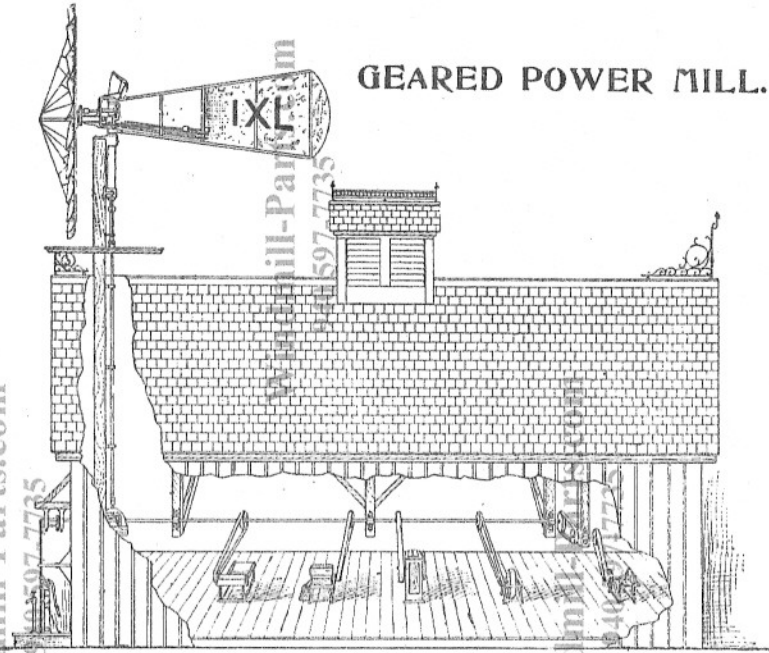


With each Mill we send the main casting with a cap to go on a steel Tower, or on a regular four-post wood Tower, or on a single mast, as specified in the order.

Parties often wish to place a Power Mill on a barn and use it for power purposes only, in which case a mast about eight inches square, framed in the roof of the barn, makes an excellent Tower on which to place it.

The Mill should always be on a Tower high enough so that it will receive the wind fairly from all directions.

GEARED POWER MILL.



GALVANIZED

	Price.
12-ft. Steel Mill, including upper gears and 6 ft. of perpendicular shafting.	\$75 00
13-ft. Steel Mill, including upper gears and 6 ft. of perpendicular shafting.	85 00
14-ft. Steel Mill, including upper gears and 6 ft. of perpendicular shafting.	105 00

These Power Mills are furnished with a cap for single mast, or for a four-post wood tower, or for a steel tower as specified in the order.

4-POST STEEL TOWERS, GALVANIZED, TO CARRY 12-ft. AND 13-ft. MILLS.

The Steel Towers are punched and fitted ready to put together, and the price below includes the upper platform, and all bolts necessary to put the tower together.

Weight		
425 lbs.	Tower 20 feet high	27 00
600 lbs.	Tower 30 feet high	38 50
780 lbs.	Tower 40 feet high	50 00
1,000 lbs.	Tower 50 feet high	64 00
1,350 lbs.	Tower 60 feet high	85 00
125 lbs.	Anchor Posts, with steel plates riveted.	8 00

For price of Steel Towers to carry the 14-foot Mill add 10% to the prices as given above.

	Price.
SHAFTING.	
Perpendicular Shafting (including couplings and guides for the same) size, $\frac{3}{4}$ inch per foot.....	\$ 0 37
Horizontal Shafting (including couplings) size, $1\frac{1}{2}$ inch per foot.....	60
Adjustable Swing Boxes for carrying the line shaft, each.....	1 50
FOOT GEARS.	
Foot Gears set in cast frame to attach to post with shifting lever.....	11 00
Foot Gears set in cast frame to attach to cross beams.....	9 00
Foot Gear, with one pulley and shifting lever, (Fig. 12).....	12 00
Foot Gear, with two pulleys and shifting lever, (Fig. 14).....	17 50
Foot Gear, (Fig. 14) and shifting levers (no pulleys).....	10 00
DRIVE PULLEYS.	
Pulley, 20 inches diameter, 4 inch face, fitted for $1\frac{1}{2}$ inch shaft.....	5 00
Pulley, 16 inches diameter, 4 inch face, fitted for $1\frac{1}{2}$ inch shaft.....	4 00
Pulley, 12 inches diameter, 4 inch face, fitted for $1\frac{1}{2}$ inch shaft.....	3 00
PUMP JACK.	
Pump Jack to convert the rotary motion of line shaft to perpendicular motion of pump rod.....	10 00
BELTING.	
3 inch Rubber Belting (3 ply), per foot.....	25
4 inch Rubber Belting (3 ply), per foot.....	32
FEED GRINDERS.	
Feed Grinder set in wood frame, operated by belt from pulley on line shaft.....	30 00
Iron Frame Grinder No. 4.....	30 00
CORN SHELLER.	
Two-hole Corn Sheller with fan, feed table and band wheel.....	30 00

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Finding a great demand for a simple and inexpensive power windmill job to be placed on a mast on a barn, or on a wood tower, which the purchaser can build himself, we here quote prices on several very practical combinations of a 12-ft. Power Mill, with other goods, all of which are shown and described in Catalogue No. 25.

	Weight, Lbs.	Price.
COMBINATION No. 1.		
A 12-ft. Galvanized Steel Windmill, with necessary amount of perpendicular shafting (not exceeding 30 feet), and style of foot gear shown in Figure 12, with a 12 inch or a 16 inch pulley, as desired..	1,000	\$95 00
COMBINATION No. 3.		
A 12-ft. Galvanized Steel Windmill, with necessary amount of perpendicular shafting (not exceeding 30 feet), an adjustable foot gear, with two pulleys, (one 20 inch, and one 12 or 16 inch) as shown in Fig. 14.....	1,050	100 00
COMBINATION No. 4.		
A 12-ft. Galvanized Steel Windmill, with necessary amount of perpendicular shafting (not exceeding 30 feet), an adjustable foot gear, with two pulleys (one 20 inch, and one 12 or 16 inch) as shown in Fig. 14, and one Feed Grinder, as shown on pages 22 and 23 of Catalogue No. 25.....	1,200	130 00
COMBINATION No. 5.		
A 12-ft. Galvanized Steel Windmill, with necessary amount of perpendicular shafting (not exceeding 30 feet), an adjustable foot gear, with two pulleys (one 20 inch, and one 12 or 16 inch) as shown in Fig. 14, one Feed Grinder, as shown on pages 22 and 23 of Catalogue No. 25, and one No. 10 "New Hero" or one No. 111 "Little Giant Cutter".....	1,600	180 00

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