

1900
Little Pitts
Thresher

Manufactured by
Buffalo Pitts Company
Buffalo New York USA

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“LITTLE PITTS”

STEEL FRAME

THRESHER



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Interior view of “Little Pitts” 28 x 48-in. thresher

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SOLD BY

INTERNATIONAL HARVESTER COMPANY OF AMERICA

(Incorporated)

CHICAGO

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"LITTLE PITTS" STEEL FRAME THRESHER

STEEL FRAME: The "Little Pitts" thresher has a strong and rigid steel frame, which will not warp, sag or twist out of shape. The upright steel channels are filled with hard wood, the wood sides of the machine are fastened to these and all are securely bolted to the channel bars. This construction makes the frame practically indestructible, and one that is very light in weight.

STEEL FRONT: The "Little Pitts" thresher has a solid steel front, which forms a rigid support for the cylinder.

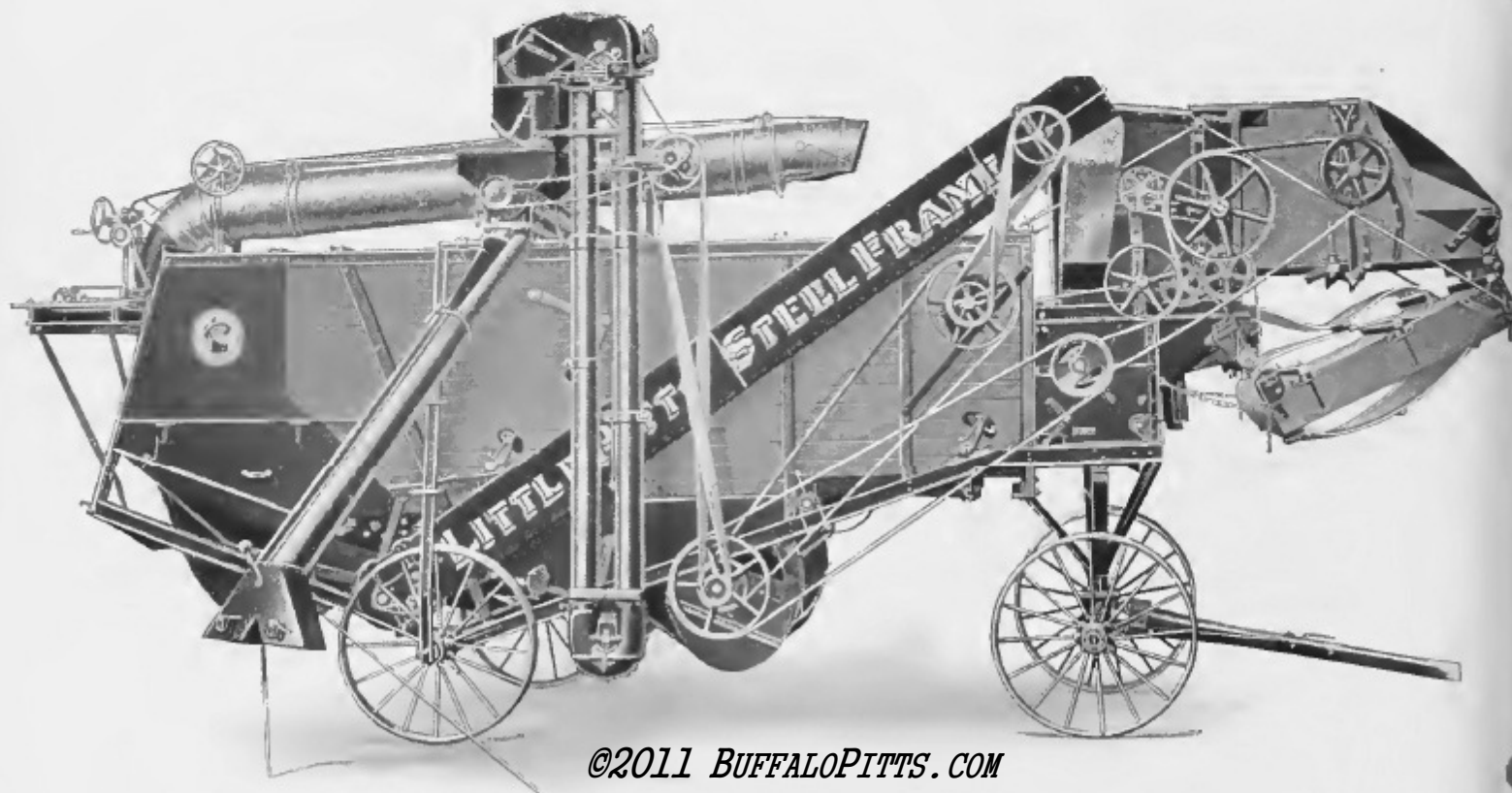
THRESHING CYLINDER: The cylinder is of the heavy Pitts type, open space, has 12 bars and is equipped with the regular heavy Pitts teeth.

The cylinder shaft is $1\frac{3}{4}$ inches in diameter.

Number of teeth required are 51-T5 and 21-T6 in the threshing cylinder and 46-T5 teeth in the concave.

CONCAVES: The concaves are made heavy and strong and are adjustable in a true circle to the cylinder. The concaves take the regular patent cylinder tooth.

SEPARATION: The separation in the "Little Pitts" is done, first, with the Pitts patent separating cylinder and big grates behind the threshing cylinder, which is the same construction as in the Niagara Second steel frame thresher. This insures the best of separation at this point. Second, with the one-piece zigzag straw rack or bolter with a lifting fork in the center which gives a sharp break to the straw and changes the motion or flow of the straw.



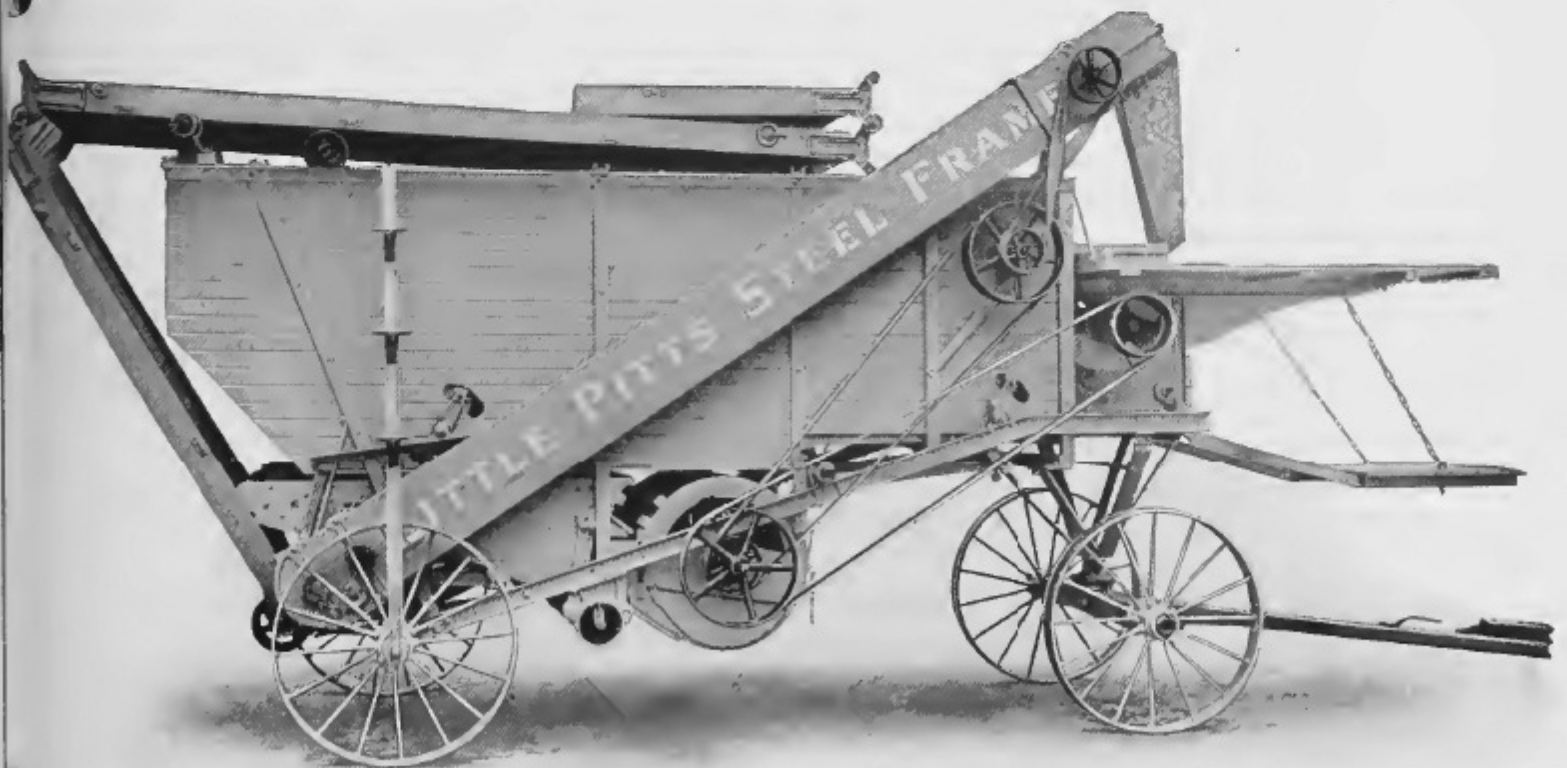
Right hand view—Equipped with Universal self-feeder and Russell wind stacker

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Left hand view—Equipped with drag stacker and feed tables



Right hand view—Equipped as above

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GRAIN PAN: The grain pan in the "Little Pitts" is a one-piece pan with a long chaffer attached extending over the sieves in the shoe so as to relieve the mill and enable the shoe to do good cleaning at all times. The separating bolter and pan are hung on rocker arms, are perfectly balanced, and are driven with one crank which is placed under the pan outside of the machine and out of the dirt.

PITMANS: The pitmans driving the bolting pan have metal bearings and an end take-up which is easily adjusted. This helps to make a quiet and smooth-running machine.

BOXES: Self-adjusting boxes keep the shafting in perfect alignment at all times and are a necessity in all machines where smoothness and light running are desired.

SHOE: The shoe has an end shake and is hung on four ball and socket hangers. It is driven on each side with a steel crank and wood pitmans and has plenty of room on the sieves. The sieves are the same quality as used in the Niagara Second steel frame machine.

AUGERS: Augers are used both in the grain and tailings spouts, which results in positive work.

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ELEVATOR: The elevator is of ample size to handle the tailings under all conditions. It has an endless chain belt with wood blocks, which secures a positive drive and satisfactory results.

BELTING: The system of belting on the "Little Pitts" is simple. Only the highest grade of leather belting is used. The belts are wide enough to prevent slippage at low tension.

TRUCK: The "Little Pitts" with drag stacker and hand-feed attachment has 4-inch face truck wheels, 36 inches in diameter front and rear. These wheels are of the highest grade steel. The "Little Pitts" equipped with wind stacker and feeder has 6-inch face truck wheels, 36 inches high in front and rear.

The axles are made of heavy channel iron with tapered skeins, and are well braced.

DECK: The "Little Pitts" has a steel deck which is absolutely water tight. This is a decided advantage, as it protects the inside working parts of the machine from being damaged by water.

MEASUREMENTS AND WEIGHT OF MACHINE: The "Little Pitts" thresher is 7 feet 5 inches high from the ground to the top of the deck. Length of the "Little Pitts" thresher without feed tables or stacker, is 14 feet. Length over all, with hand-feed tables and drag stacker folded is 20 feet. The weight with drag stacker and hand-feed attachment is 4,800 lbs. Weight with self-feeder and wind stacker is about 5,800 lbs.

EQUIPMENT: The "Little Pitts" steel frame thresher is built in one size only—28-inch cylinder and 48-inch rear.

Equipment can be furnished as follows:

Feeder: Hand feed or Universal self-feeder.

Stacker: 18 or 22-foot drag, or Russell wind stacker.

All types of grain handling attachments. Can be equipped for hard wheat threshing.

End