NUMBER 18.

JACK

With Wood Roller beam, and Iron Stands for two rows of bottom Rollers each 1 3/16 inches in diameter made of wrought Iron; Carriage closed up back & Front, with improved gearing, and being well adapted for Spinning medium numbers of Woolen Yarn, had a roll 2 feet wide by 8 feet deep.

Price of Head $\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldot
This machine is to make spools for Wool Dresser and has a Creel and Guide for 48 ends or more. Bobbins, Cylinder is 11 inches in Diameter, Spool Heads 10 inches in Diameter. Bell register to Measure 3000 Yards. Driving pulleys 16 inches in diameter, occupies a space of 4 ft. 6 inches long by 6 ft. inches wide, and should run 2 rev per minute.
Wool Dressing Machine.

Iron Frame, and Metallic size Rollers 8 in. diam., has carrying Rollers and Copper drying Cylinder; First reed 480 splits on 33 inches. Second reed 480 splits on 33 inches. Reel 100 splits on 18 inches. Credel for 12 spools 50 inches long. Reel 4 Feet diam., with rollers to move for different leases. Driving pulley inches in diameter should run 150 Rev's per minute, occupies a space of 5 Feet 6 Inches long, by 5 Feet 6 Inches wide.
No 21
LOOM.

One Shuttle Parallel pick motion, west motion, 1 1/2 inch Shuttle box one Shuttle protector, Harness Treadles, take up worked from west motion, occupies a space of 4 feet long by 7 1/2 feet wide. Driving pulley 12 inches in diameter should run 140 Peck per minute.

32 in wide ........................................ $1
36 in wide ........................................ $2
LOOM N. 22

40 inches wide for 1 Shuttle with raised Crank shaft. Improved Gallowes stands with double pick and with motion, Shuttle Box 1 1/2 inches wide; 2, 4 & 6 Harness Treadle occupies a space of 4 ft. 4 in. long by 7 ft. 2 in. wide, Driving pulley 10 inches in diameter, should run 180 picks per minute.

A. JENKS & Son BREDISBURGH, PA.
NO. 23
LOOM

6 inches wide, Double pick and filling motion; 2 Shuttle drop boxes at one end of lay, 1¼ inch
wide; 2, 4, 6, 8, and 10 Harness Treadles, and Pattern Grain motion, Improved.

Hop motion to stop the box motion, and prevent the take-up from working, when the
spring breaks; raised crank shaft. Jenks Improved Patent Picker step & Picking strap protectors
single box side, improved step rod finger to prevent slipping; occupies a space of 4 Feet
long by 7 Feet 1½ inches wide. Driving pulley 16 inches in diameter should run 125
actions per minute.
There is no 24. But there is a 28-1/2. Read on.
No. 25
LOOM

40 inches wide; double pick and welt motion; 4 Shuttle drop boxes at one end of lay; 1½ inch Shuttle box; 2, 4, 6, 8, 10 harness Treadles; Pattern Chain motion improved; Step motion to stop the Box motion, and prevent the take up from working when the filling breaks; has raised crank shaft; Jenkins improved Patent Picker and Picking strap protector on single Box side; Improved Step rod Singer to prevent slipping; occupies a space of 4 Feet 1½ Inches, long by 7 Feet 1½ Inches wide; Driving Pulleys 18 Inches in diameter, should run 150 Revolutions minute.
LOOM

Crompton Wich motion with 24 Heddles; Plain selvage motion, double pick and weft motion, 3 Shuttle drop boxes at each end of loy, endless chain motion; for pick and pick Cassimores; Pattern chain improved; Stop motion to stop the box motion and to prevent the take up from working when the filling breaks; Jones Patent picker stop & Parallel pin motion, and improved stop rod stopper to prevent stopping occupies a space of 5 Feet - inches long by 3 Feet 1 in wide, Driving Pulley 16 inches in diameter, should run 110 pick per motion.

45 inches wide............................$
90 inches wide............................$
No. 27. **LOOM.**

Jenks' new loom motion to operate from 2 to 12 beams. Drop boxes at one or both ends of lay. Double pick and filling motion; raised cranks shaft, pattern chain motion. Jenks Patent Picker shop. Improved with long take-up lever for pattern chain stop motion, to stop the box motion, and prevent the takeup from taking up when the filling breaks, occupies a space 43 1/4 in long by 7 ft. 8 in wide. Driving pulleys 18 in diameter, and should run 110 revolutions per minute.

<table>
<thead>
<tr>
<th>40 in wide</th>
<th>2 Shuttle</th>
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<tbody>
<tr>
<td>40</td>
<td>3</td>
<td>$</td>
</tr>
<tr>
<td>42</td>
<td>2</td>
<td>$</td>
</tr>
<tr>
<td>42</td>
<td>3</td>
<td>$</td>
</tr>
<tr>
<td>45</td>
<td>2</td>
<td>$</td>
</tr>
<tr>
<td>49</td>
<td>3</td>
<td>$</td>
</tr>
</tbody>
</table>
No. 28.

LOOM

30 in. Wide; Loom side extra heavy; Yarn Beam and Cloth Roller; Iron stay in the middle, to prevent springing; 2, 4 & 6 Harness Treadles, 3 shuttle drop box 2 in. wide for weaving Blankets; occupies a space 5 ft. in long, 12 ft. 6 inches wide; Driving pulley 12 inch in diameter, should run 100 Rev. per minute.
No. 23½

LOOM N°

Heavy sides; Iron Tube Whip roller having middle support to prevent springing, with 2, 4, & 6 Harness Treadles; shuttle box 2½ inches wide, with counter shaft running outside Loom side, on end of this shaft behind the Loom on the Driving pulley 12 inches in diameter on the other end of counter shaft there is a Bevel pinion of 21 Cogs gearing into Cam shaft winder of 84 Cogs, Breezling Pick a Parallel picker motion. This Loom is adapted for Weaving Blankets, occupies a space of 5 ½ - in. long by 14 ½ - inches wide, and should run 75 Revolution per minute.

110½ in wide
90 in wide
No. 29

LOOM.

1 3/4 Wide, heavy Loom; sides, Yarn Beam, and disk roller Extra heavy, Iron whip roller with stay in the middle, to prevent Springing. 2-4-6 Harness Treadles, shuttle box 2 1/2 inch wide. for Weaving Blankets; occupies a space 5 Feet - in long by 14 Fe in. wide Drawing pulleys 16 inches in diameter, should run 100 Revolutions per minute.
No. 30.

ROTARY FULLING MILL.

With heavy iron frame, all the rollers made of logs, on heavy iron rims. Main rollers 20 inches in diameter, horizontal front rollers 6 in. diameter, occupies a space of 7 ft. 10 in. by 7 ft. 8 in. inches, and is 6 ft. 11 in. high; driving pulleys 20 inches diameter, and should run 90
Rev. per minute.
N° 31

NAPPING MACHINE

45 inches wide with self adjusting Stretching Rollers, and improved self acting reverse motion. Cylinder for Cards 8 inches in Diameter for satinets etc. occupies a space of 3 ft. 6 inches long by 6 ft. 3 1/2 inches wide. Driving Pulleys 9 inch in diameter, should run 200 Rev. per minute.

A. JENKS & SON BRIDGESBURGH PA.
35 inches wide, with Iron Cylinder 30 inches in diameter for 24 Towel Handles and self extending stretching roller with 12 Bars, Draw rollers lagged on Iron heads; and reversed by reversing lever; with Improved Handle holders. Driving Pulleys 22 inches in diameter, occupies a space of 52½ inches long by 57½ inches wide; and should 90 lbs. per minute.

35 inches wide
70 " "
Handles for 35 inches wide
70 " "

No. 32
GIG MILL
CLOTH WINDER OR LAPPER

Has adjustable cloth stretcher, and self register for measuring and tapping the cloth at the same time, and is driven by steam power, has driving pulley 6 inches in diam., should run 70 revolutions per minute.
COTTON PICKER.

Improved with iron frame, and adjustable cast iron fluted foot rollers, weighted with springs. Cylinder 34 inches diameter, in 12 laps, with 33 rows containing 120 cast iron teeth, and hooped with wrought iron bands. Driving pulley 12 inches in diameter occupies a space of 8 feet 3 inches long, and 4 feet 6 inches wide should run 500 rev per minute.

24 inches wide ........................................ 8
30 do. do. ........................................ 8
36 do. do ........................................ 8
COTTON-SPREADER AND LAP MACHINE.

Iron Frame and Feed Table; Two Beaters 12 inches in diameter with Steel Blades and Shafts 2 sets of Head or Draw Rollers 1 3/8 inches in diameter, with improved Cages 30 inches in diameter, with Flanges 2 3/8 inches deep, all made of 4 1/4 inches diameter Lap Rollers, 7 inches in diameter with air pump and grates; Fluted Roller on cages 9 inches diameter, dust boxes under each Beater with pipes and flaps to blow away the dust from the center of each cage, all built up with side doors; pulley shaft attached to frame, with driving pulleys, 12 inches diameter. Occupies a space of 12 ft. 6 inches long by 5 ft. 6 inches wide, and should run 250 Rev. per minute.

<table>
<thead>
<tr>
<th>Width</th>
<th>Price</th>
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<tbody>
<tr>
<td>24 inches</td>
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<tr>
<td>30 inches</td>
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<tr>
<td>36 inches</td>
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</tr>
<tr>
<td>40 inches</td>
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</tr>
</tbody>
</table>
No. 36
COTTON OPENER

3½ in. wide feed apron and delivery under the feed; cylinder 12 in. diameter, with fan to take of the dust. Machine 10 feet 3 in. long by 6½ wide driving pulleys 12 in. diameter 3½ in. face and should run 500 revolutions per minute.