## Greenerd Arbor Presses



Number 2 Press on Stand


Number $31 / 2$ Press on Stand

These presses are powerful and can be easily moved close to workmen for convenience. Mandrels can be put in and taken out without removing lathe dog, thereby saving much time. They prevent injury, not only to the work but to the mandrels (incorrectly called arbors in some parts of the country), and leave centers perfectly clean. Can also be used for broaching, pressing in pins and bushings, bending (with dies). punching and many other purposes.

Pinions and rams are made of special steel with well-proportioned teeth, having angular pressure of $221 / 2$ degrees. Pressure is direct by lever on end of pinion shaft on small presses; large ones are provided with pawl and ratchet, as shown, so lever can be used where most effective.

The frames are designed to withstand heavy strains. All sizes up to and including No. $3 \% / 4$ can be furnished for use on lathe shears, bench, or mounted on suitable stands having sufficiently large base to require no floor fastenings.

Built in fourteen sizes with leverage ranging from $25-1$ to $250-1$, or a pressure of 35 tons.

The Nos. 4, 5 and 7 have an adjustable knee, which can be operated by a crank handle.
PRICE LIST

| No. | ```Re- ceives Diam- eters``` | ```Larg- est Man- drel``` | Hgt . Over Plate | Size of Rack or Ram | Movement of Rack or Ram | Leverage | Height | Weight | Price Presses Each | Weight Stands | Price Stands Each |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | $51 / 4$ | 7/8 | 4 | $7 \times 7 / 8$ | $4 \%$ | 25-1 | 8 | 17 | \$8.00 |  |  |
| 2 | 8 | $1{ }^{1 / 8}$ | $71 / 4$ | $12 \times 1{ }^{3}$ | 8 | 35-1 | 14 | 65 | 14.00 | 200 | \$120.00 |
| 3 | 12 | $11 / 2$ | 11 | $17 \times 13 / 4$ | $111 / 4$ | 45-1 | 17 | 125 | 18.00 | 250 | 14.00 |
| 3-A | 24 | $11 / 2$ | 11 | $17 \times 13 / 4$ | $111 / 4$ | 45-1 | 24 | 245 | 30.00 | 300 | 22.00 |
| 3 JBS | 12 | $1 \stackrel{1}{2}$ | 14 | $17 \times 13 / 4$ | $111 / 4$ | 45-1 | 20 | 185 | 28.00 |  |  |
| $31 / 2$ | 19 | 3 | 15 | $19 \times 2{ }^{3}$ | 14 | 55-1 | 28 | 400 | 40.00 | 300 | 22.00 |
| $33 / 4$ | 22 | 3 | $201 / 2$ | $24 \times 2{ }^{7}$ | 19 | 55-1 | 36 | 480 | 48.00 | 300 | 22.00 |
| 4 | 19 | 3 | 30 | $22 \times 2 \frac{3}{17}$ | $16^{3 / 4}$ | 60-1 | 60 | 1,000 | 84.00 | ... |  |
| 5 | 26 | 4 | 31 | $24 \times 2{ }^{7}$ | $15^{1 / 2}$ | 250-1 | 66 | 1,550 | 135.00 | . . |  |
| 7 | 36 | 5 | 34 | $32 \times 3{ }^{7}$ | 20 | 250-1 | 75 | 2,550 | 224.00 |  |  |
| 8 | 36 | 7 | 35 | $56 \times 4 \times 4$ | 35 | 250-1 | 76 | 2.450 | 310.00 |  |  |
| 9 | 48 | 7 | 35 | $56 \times 4 \times 4$ | 35 | 250-1 | 78 | 2.800 | 360.00 | . . |  |
| 13 | 30 | $11 / 2$ | 11 | $17 \times 13 / 4$ | $121 / 4$ | 45-1 | 55 | 435 | 37.00 |  |  |
| 14 | 36 | 3 | 27 | $34 \times 2$ \% ${ }^{\text {\% }}$ | $253 / 4$ | 60-1 | 65 | 1,175 | 95.00 |  |  |
| 15 | 36 | 4 | 27 | $34 \times 2{ }^{7}$ | $253 / 4$ | 150-1 | 66 | 1,300 | 110.00 |  |  |
| 17 | 36 | 4 | 28 | $40 \times 3$ 18 | 29 | 250-1 | 70 | 2,000 | 175.00 |  |  |

