

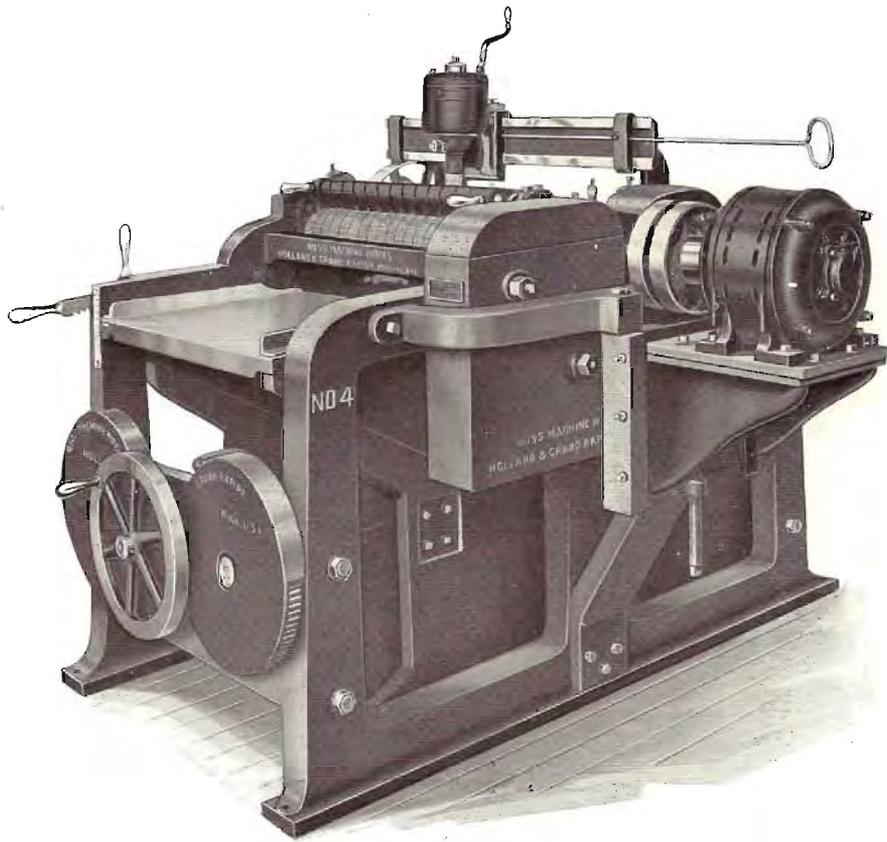


BUSS

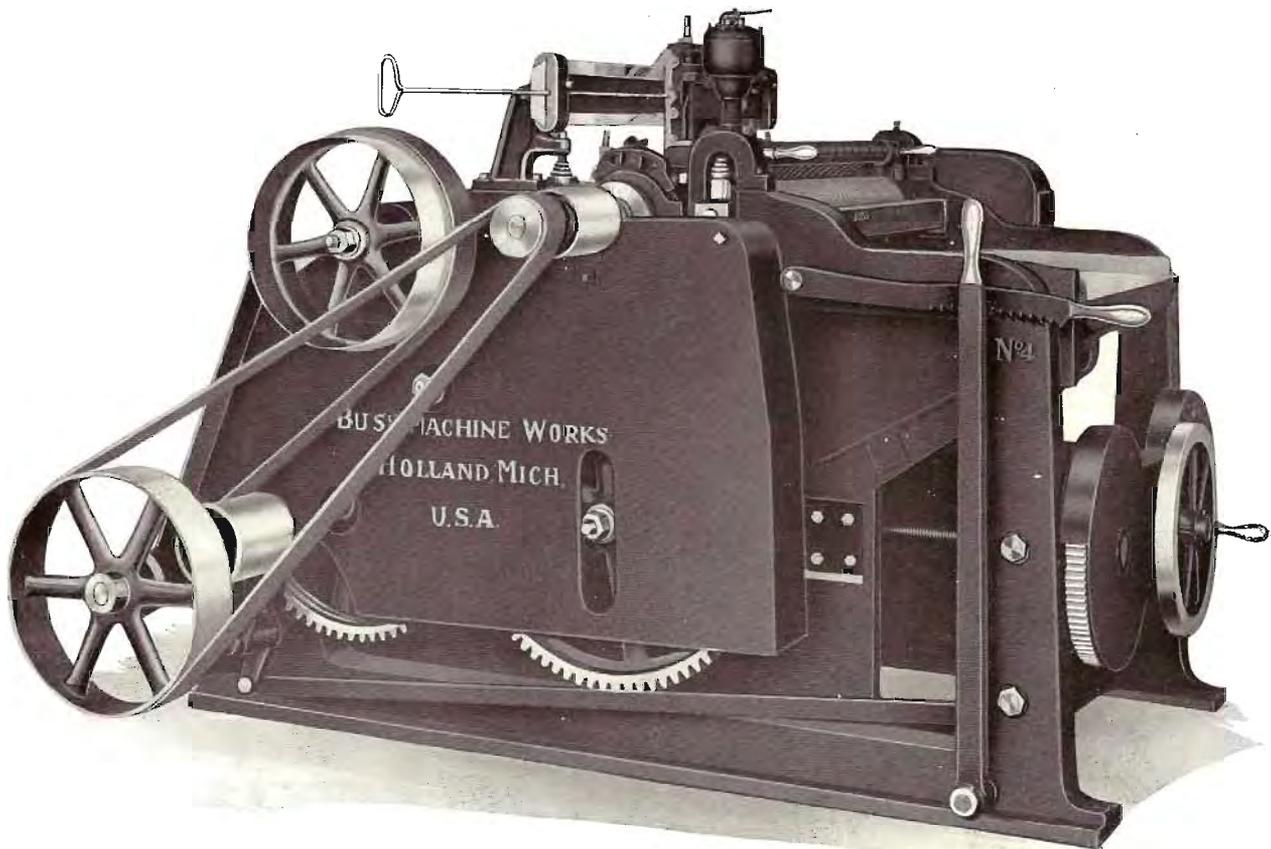
No. 4

Single and Double
Ball-Bearing, High-Speed
Cabinet Surfacers

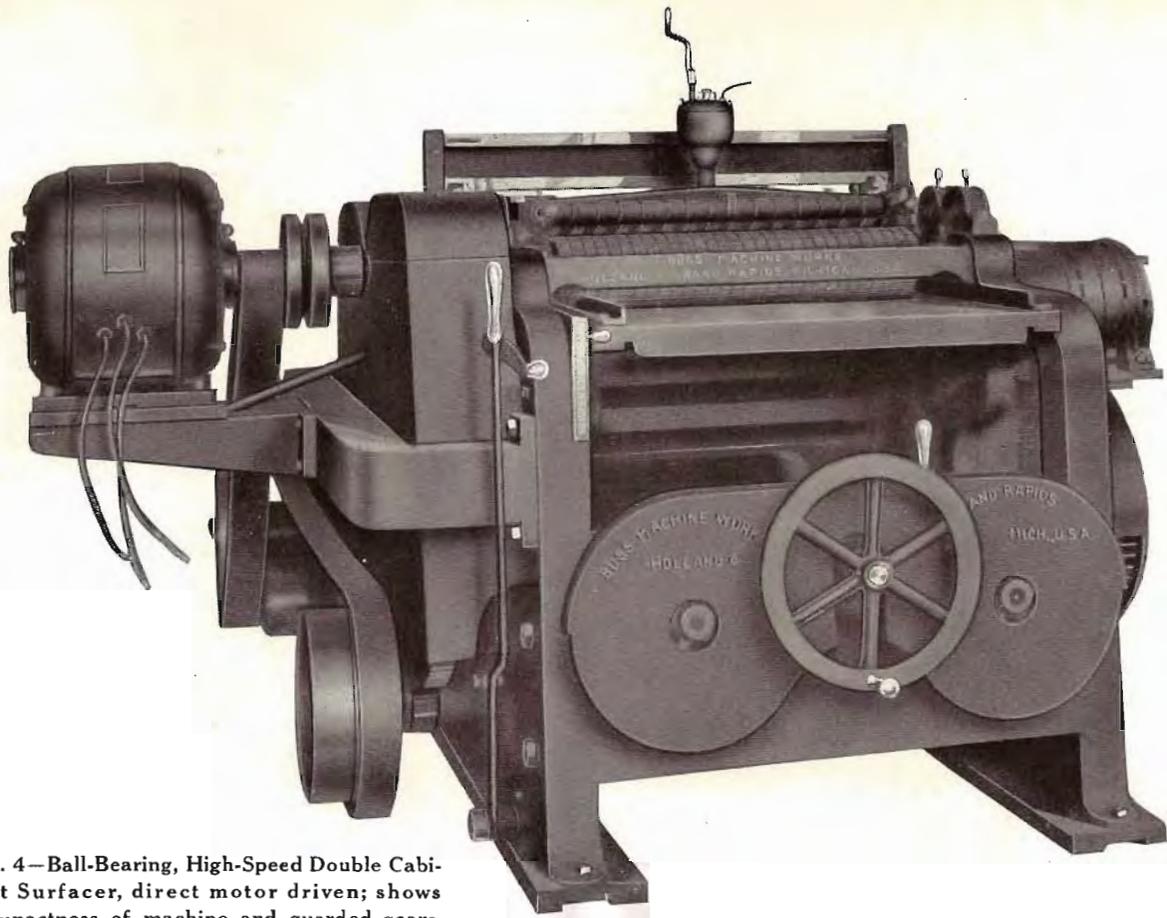
Circular No 24



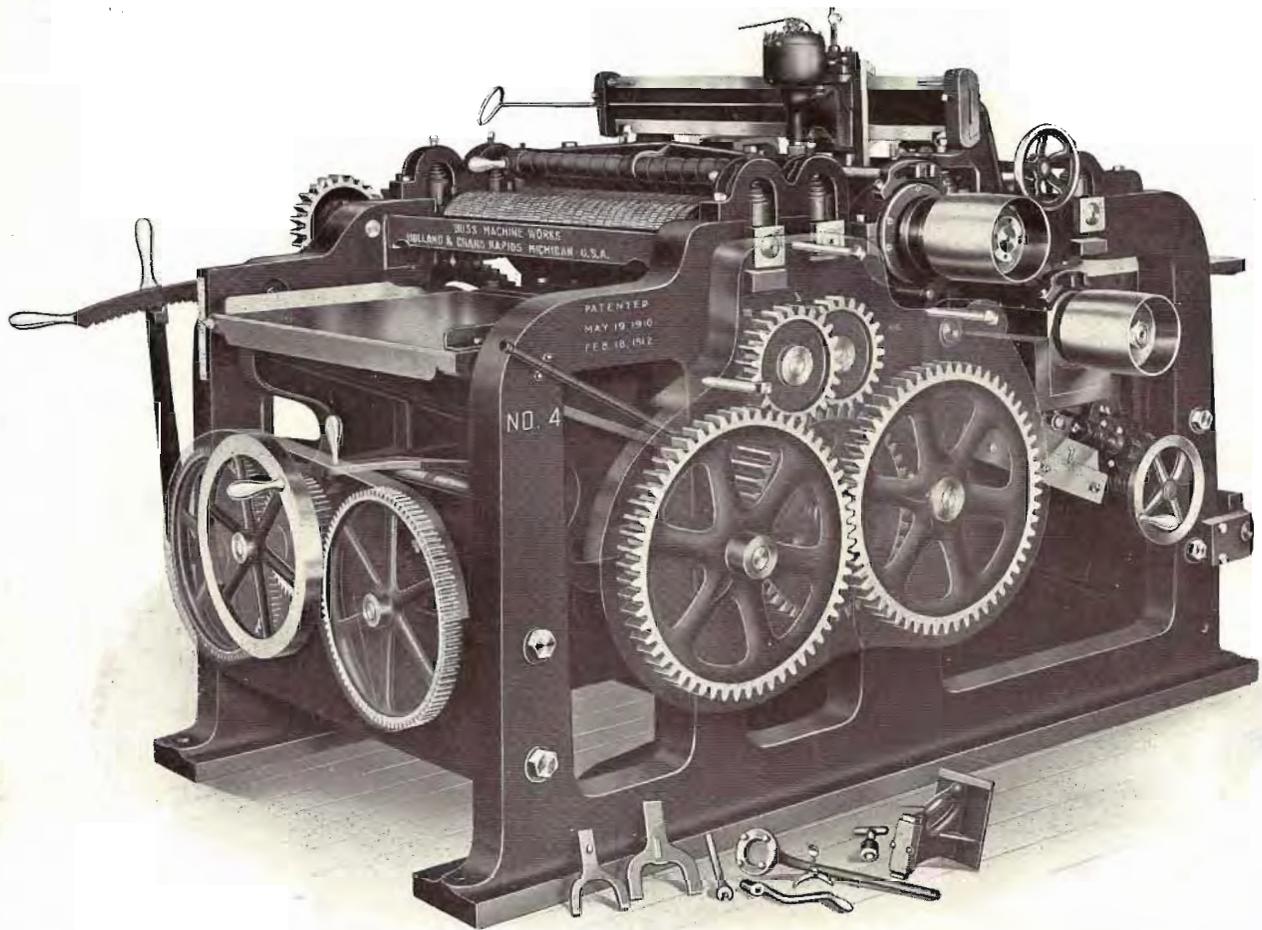
No. 4—Ball-Bearing, High-Speed Single Cabinet Surfacer, Direct Motor Driven, showing all attachments. Note compactness and full guard protection.



No. 4—Ball-Bearing, High-Speed Single Cabinet Surfacer, showing belting arrangement to drive feed works.



No. 4—Ball-Bearing, High-Speed Double Cabinet Surfacers, direct motor driven; shows compactness of machine and guarded gears.



No. 4—Ball-Bearing, High-Speed Double Cabinet Surfacers, showing hand wheel adjustment for lower head, and back top bed plate; feed and power hoist control; attachments for setting, jointing and grinding the knives.

Design The Buss ball-bearing, high-speed single and double surfacers are built for the furniture, piano, veneer, refrigerator, interior finish, auto-body and allied trades. They are built heavy, strong and compact; requiring a minimum amount of power. All the gears are fully guarded. All Buss planers are regularly equipped with high-speed, ball-bearing journals; patented steel sectional chipbreakers; steel sectional rolls; and, with the round heads and high-speed steel knives, electric motor grinder, truing or jointing and setting attachments.

Capacity Single planers 26" to 64" wide. Double planers 30" to 36" wide. Planes from 0 to 7" thick; and feeds from 25' to 90' per minute, producing a fine finish. Pieces as short as 3½", one following the other, or 12" singly, feed thru.

Heads Square with two thick knives. Triangular with three thick knives. Round with three or four thin high-speed steel knives. 5" cutting circles. Heads remain aligned with the beds.

Bearings High-speed double ball annular type; self-lubricating. Bronze Bushed Roll Bearings, self-lubricating. Pioneer manufacturers (14 years) of ball-bearing planers. Because cylinders are always parallel with the beds, material is planed even thicknesses at all times.

Speeds 30" single planer, speed 4200-4400 R. P. M., countershaft speed 960 R. P. M. Weight approximately 6,500 pounds. For direct motor driven, general work. 10 H. P. motor. 30" double planer, speed 4200-4400 R. P. M., countershaft speed 1050 R. P. M. Weight approximately 12,000 pounds. For direct motor driven, general work. 20 H. P. and 10 H. P. motors.

Full details including Motor Driven Feed and Higher Speeds furnished upon request.